



Signal Electronics Connectors



Your Reliable Partner in Connectivity !

About us

Company

Signal Electronics was established in 2009. We are leading industrial connectors and cables company with product development and manufacturing capabilities. We offer customized connectors design expertise and manufacturing services to meet our customers' needs.

Products

- Circular connectors such as M5, M8, M9, M12, M16, M17, M23, M40, 7/8", RD24 , Mini-Din, MIL-C-5015, D38999, etc. (Include A, B, C, D, X, S, T, L, E, F, M, Y, P... -Coding)
- Cable harness assembly
- Customized connectors and cables
- One-stop solution

Quality

- We are ISO9001 and ISO14001 certified company
- Our products conforms to international testing standards; including CE, cUL, TUV, RoHS, REACH, IP67 IP68, IP69K, (NMEA2000)

Service

- Dedicated project manager for your project from start to finish
- Fast quote within 24 hours
- Expedited samples submission to help you win over your competitors
- We have proven product quality and dependable services as recognized by our customers throughout North America and EU.

Partnership

Our goal is to work with and earn our customer's trust, starting with a single project and mature into a long-term partnership; especially with OEM/ODM customers.

If you have any questions, please feel free to contact us through sales@sz-signal.com or call +86-755-29886112. We are here to assist you!

公司概况

深圳市盛格纳电子有限公司（注册商标SIGNAL，以下简称盛格纳）是一家专业的连接器和线束制造商。盛格纳专注于工业领域的连接器研发制造和线束组加工，并提供客制化解决方案。盛格纳成立于2009年，总部位于深圳市光明区，拥有40000平方米的标准工业厂房，拥有一支600余人的研发、制造、销售团队，模具车间、注塑车间、五金车间、连接器装配车间、线束加工车间，以及按行业国际标准建设的实验室，并已荣获多项技术专利，是国家高新技术，专精特新企业，服务于全球多家500强知名企业。



认证体系

盛格纳推行先进的企业管理体系，建立了完善的ISO 9001:2015国际质量认证体系和ISO 14001:2015环境管理体系认证，拥有知识产权管理体系GB/T29490-2013及工业化和信息化融合管理体系GB/T 23001-2017，并于2021年正式导入IATF 16949:2016质量管理体系。产品先后通过了CE、CUL和TUV等安规认证，产品防护等级高达IP67/IP68/IP69K等标准。

经营范围

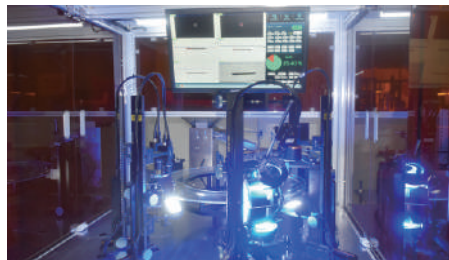
盛格纳主要经营产品有：圆形防水连接器，射频同轴连接器，推拉自锁连接器，航空连接器D38999系列等。其中，圆形M系列防水连接器种类齐全：M5/ M8/ M9/ M12/ M16/ M17/ M23/ M40 / 7/8"，RD24系列；现场总线/工业以太网：SPE/Ethernet/EtherCAT/ PROFINET/ PROFIBUS/ DeviceNet/ CANopen/ CC-link系列；IO-Link：分线盒/现场安装连接器/分配器/预铸线束。其功能不但在于信号传输和电源供应，也涉及网络互联和数据传输等连接应用。

服务行业

目前已广泛应用于工业自动化，汽车电子及制造，机器人，轨道交通，传感器，医疗，船舶，能源等领域。公司产品持续十年保持70%以上出口率，累计已服务全球60多个国家和地区。

公司理念

盛格纳始终坚持“技术创新、科学管理、追求高效、顾客满意”的核心价值观，坚持与客户和供应商建立长期合作、互惠双赢的合作伙伴关系。盛格纳致力于成为您可信赖的连接器和连接线专家，成为世界连接器行业的知名品牌！



认证 CERTIFICATION



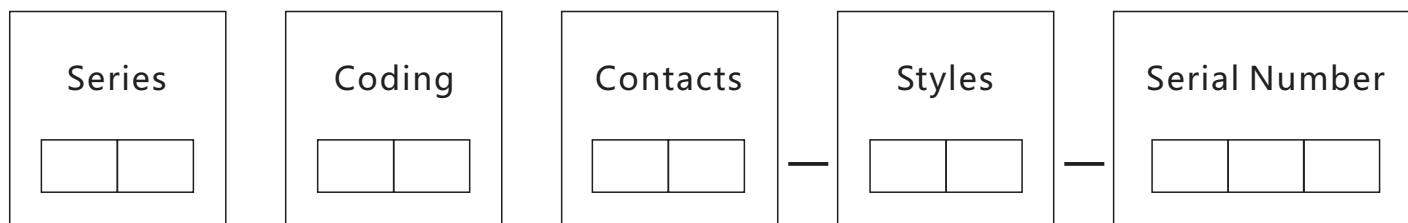
贯标出质量，认证树形象



PRODUCT SERIES

○	M5 series	0501~0516
○	M8 series	0801~0881
○	M9 series	0901~0914
○	M12 series	1201~12343
○	M16 series	1601~1608
○	M17 series	1701~1702
○	M23 series	2301~2331
○	7/8" series	7801~7819
○	RD24	RD01~RD12
○	Distribution boxes series	BOX01~BOX25
○	SPE Connectors	SPE01~SPE05
○	NMEA 2000	N001~N011
○	D-Sub	DB001~DB022
○	USB	U001~U013
○	RF	RF001~RF129
○	Push-pull	P001~P022

Order Number



1. Series

M5=05 , M8=08 , M9=09 , M12=12 , M16=16 , M17=17 , M23=23 , M40=40 , 5/8"=58 , RD24"=24 , 7/8"=78 , D-Sub=91 , Distribution Box=92 , Others=94...

Remark :

Others include: RJ45, DC Plug, etc.

2. Coding

00=N/A , 01=A, 02=B, 03=C, 04=D, 05=S, 06=T, 07=X, 08=Y, 09=P, 10=L, E=11, F=12, K=13, M=14 ...

3. Contacts

02=2Pins , 03=3Pins , 04=4Pins , 05=5Pins , 06=6Pins , 07=7Pins , 08=8Pins , 09=9Pins , 12=12Pins...

4. Styles

01=Male Field Installable ,	02=Female Field Installable ,
03=Male Panel Mount ,	04=Female Panel Mount ,
05=Male Molding Cable ,	06=Female Molding Cable,
07=RJ45 Male Plug ,	08=RJ45 Female plug ,
20=Male Connector for Molding ,	21=Female Connector for Molding ,
30=Male Splitter ,	31=Female Splitter ,
10=Adaptor ,	
00=Housing to Housing/Terminal, or N/A	

Remark:

55=Male to Male Molding Cable , 56=Male to Female Molding Cable ,
66=Female to Female Molding Cable ,
57=Male Molding Cable to RJ45 Male , 58=Male Molding Cable to RJ45 Female
67=Female Molding Cable to RJ45 Male , 68=Female Molding Cable to RJ45 Female
....

5. Serial Number

001 , 002, 003...

Remark:

The Serial Number shows all the characters that are not covered in "Codings, Contacts, Styles".

Default Serial Number:

For Field Installable Style PG7=001/021 PG9=002/022

Examples : 080205-04-001

The First Group : Connector Series

0	8
---	---

M8

The Second Group : Codings

0	2
---	---

B-coding

The Third Group : Contacts

0	5
---	---

5 Pins

The Fourth Group : Styles

0	4
---	---

Female Panel Mount

The Fifth Group : Serial Number

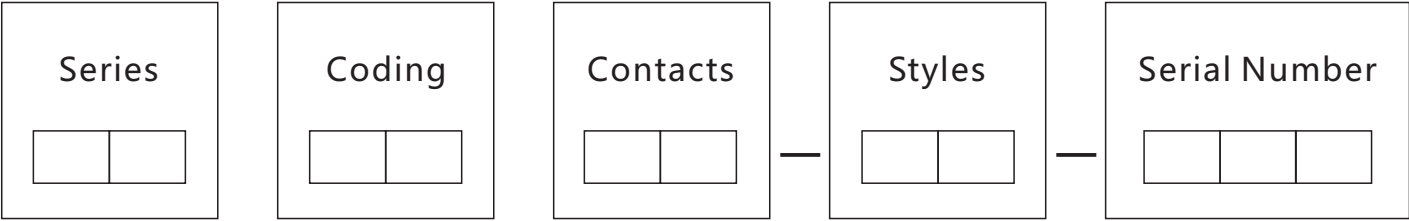
0	0	1
---	---	---

Rear Panel Mount Solder Type
(M8*1.0) --Get from the catalogue

M8 B-coding 5Pins Female Panel Mount
Rear Panel Mount, Solder Type (M8*1.0)

0	8	0	2	0	5	—	0	4	—	0	0	1
---	---	---	---	---	---	---	---	---	---	---	---	---

产品料号（订货号）编码原则



1. 连接器系列:两位数字

M5=05 , M8=08 , M9=09 , M12=12 , M16=16 , M17=17 , M23=23 , M40=40 , 5/8"=58 , RD24"=24 , 7/8"=78 , 分线盒=92 , 其他=94...

补充：这里其它包含 RJ45对RJ45, DC头，卡侬头

2. Coding:两位数字

00=N/A , 01=A, 02=B, 03=C, 04=D, 05=S, 06=T, 07=X, 08=Y, 09=P, 10=L, E=11, F=12, K=13, M=14 ...

3. 芯数：两位数字

02=2芯 , 03=3芯 , 04=4芯 , 05=5芯 , 06=6芯 , 07=7芯 , 08=8芯 , 09=9芯 , 12=12芯...

4. 款型：两位数字

- | | |
|--------------|--------------|
| 01=公头装配式 , | 02=母头装配式 , |
| 03=公头面板式 , | 04=母头面板式 , |
| 05=公头成型线 , | 06=母头成型线 , |
| 07=RJ45公头 | 08=RJ45母头 , |
| 20=公头焊线成型式 , | 21=母头焊线成型式 , |
| 30=公分支线 , | 31=母分支线 , |
| 10=转接头 , | |

组合同样适用：

- | | | |
|------------------|----------------|-------------|
| 55=公对公成型线 , | 56=公对母成型线 , | 66=母对母成型线 , |
| 57=公头成型式对RJ45公 , | 58=公头成型式对RJ45母 | |
| 67=母头成型式对RJ45公 , | 68=母头成型式对RJ45母 | |

补充：00=Housing to Housing/Terminal,或者其它

5. 流水码:三位数字

001 , 002,003...

约定1：装配式标准产品 PG7=001/021 PG9=002/022

范例：080205-04-001

第一组数字：连接器系列

0	8
---	---

M8

第二组数字：连接器系列

0	2
---	---

B-coding

第三组数字：芯数

0	5
---	---

5 Pins

第四组数字：款型

0	4
---	---

母头面板式

第五组数字：流水码

0	0	1
---	---	---

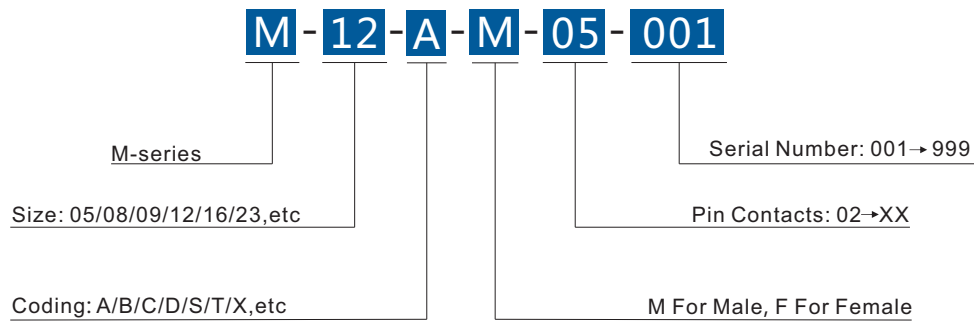
流水码第001号产品，具体型号以编辑为准

最后组合就是我们所需要的连接器料号，即订货号

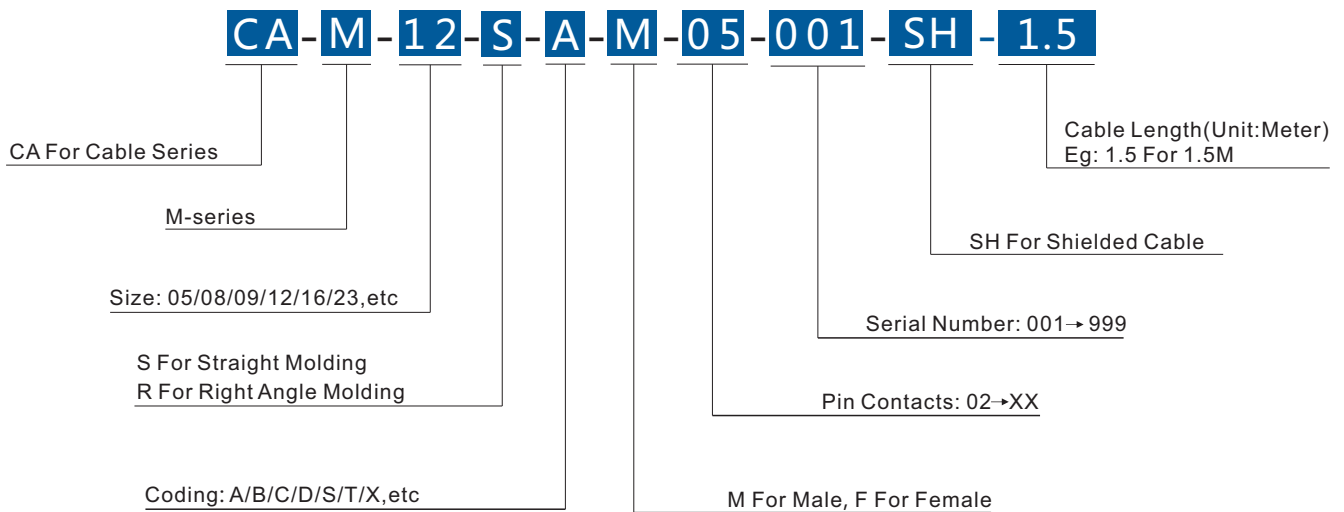
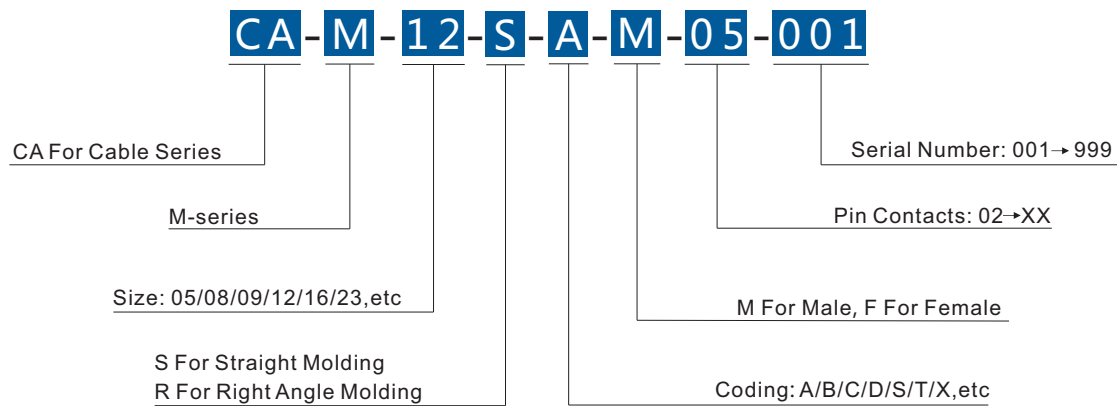
0	8	0	2	0	5	—	0	4	—	0	0	1
---	---	---	---	---	---	---	---	---	---	---	---	---

连接器命名规则 Connector Naming Rules

1. Circular M-series Connector

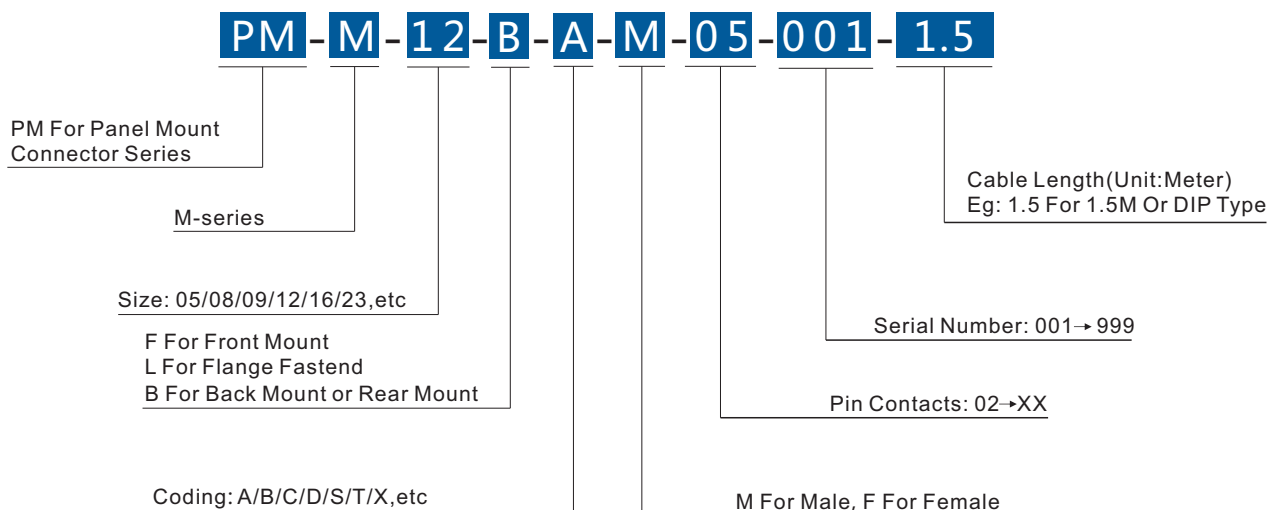


2. Circular M-series Cable

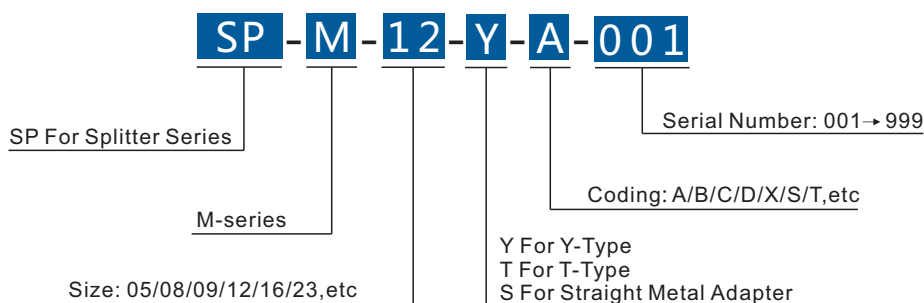


连接器命名规则 Connector Naming Rules

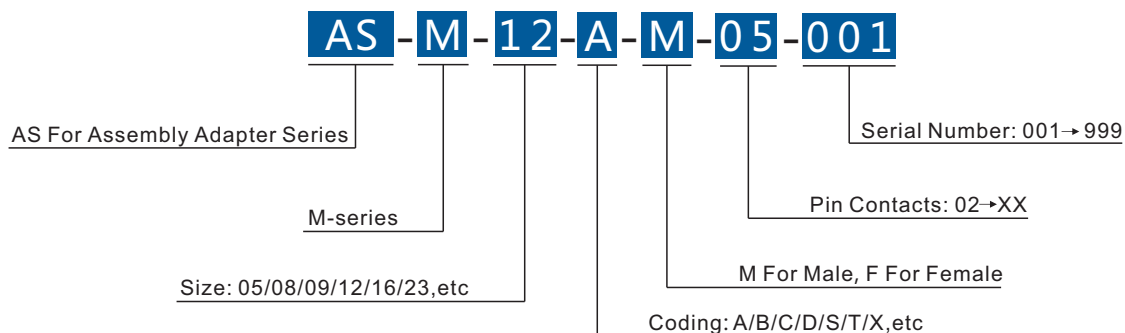
3. Circular M-series Panel Mount Connector



4. Circular M-series Panel Splitter



5. Circular M-series Assembly Adapter



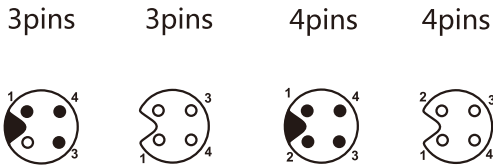
Contact layout and wire colors

针脚分布和芯线颜色

Signal / 信号

M5 device connector/M5设备连接器

Contact layout/针脚分布

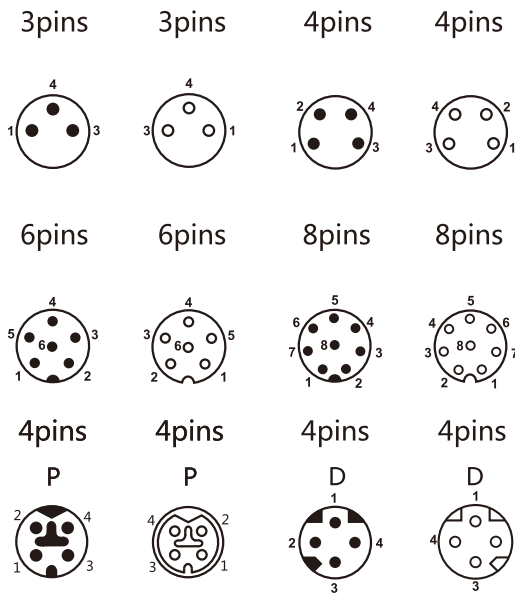


Wire colors/线芯颜色

Pin	Wire colors/线芯颜色			
	3pins		4pins	
1	BN		BN	
2	—		WH	
3	BU		BU	
4	BK		BK	

M8 device connector/M8设备连接器

Contact layout/针脚分布



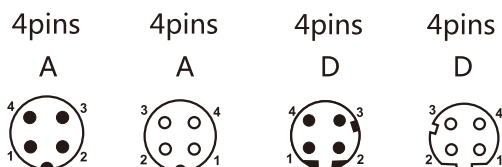
Wire colors/线芯颜色

Pin	Wire colors/线芯颜色			
	3pins		4pins	
1	BN		BN	
2	—		WH	
3	BU		BU	
4	BK		BK	

Pin	Wire colors/线芯颜色			
	6pins		8pins	
1	BN		WH	
2	WH		BN	
3	BU		GN	
4	BK		YE	
5	GY		GY	
6	PK		PK	
7	—		BU	
8	—		RD	

M12 device connector/M12设备连接器

Contact layout/针脚分布



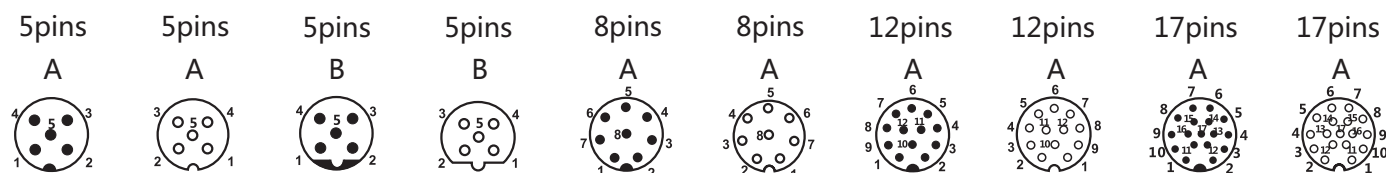
Wire colors/线芯颜色

Pin	Wire colors/线芯颜色			
	4pins A-coded		4pins D-coded	
1	BN		YE	
2	WH		WH	
3	BU		OG	
4	BK		BU	

Signal/信号

M12 device connector/M12设备连接器

Contact layout/针脚分布



Wire colors/线芯颜色

Pin	Wire colors/线芯颜色			
	5pins A		5pins B	
1	BN		BN	
2	WH		WH	
3	BU		BU	
4	BK		BK	
	GY		GY	

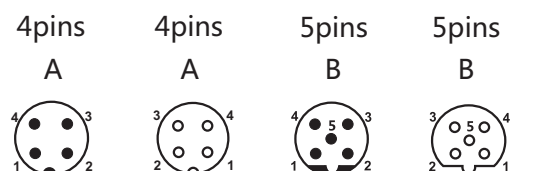
Pin	Wire colors/线芯颜色			
	8pins		12pins	
1	WH		BN	
2	BN		BU	
3	GN		WH	
4	YE		GN	
5	GY		PK	
6	PK		YE	
7	BU		BK	
8	RD		GY	
9	—		RD	
10	—		VT	
11	—		GY/PK	
12	—		RD/BU	

Pin	Wire colors/线芯颜色	
	17pins	
1	BN	
2	BU	
3	WH	
4	GN	
5	PK	
6	YE	
7	BK	
8	GY	
9	RD	
10	VT	
11	GY/PK	
12	RD/BU	
13	WH/GN	
14	BN/GN	
15	WH/YE	
16	YE/BN	
17	WH/GY	

Data/数据

M12 device connector/M12设备连接器

Contact layout/针脚分布



Ethernet
以太网

Ethernet
以太网

DeviceNet™ DeviceNet™

CANopen/Devicenet, 5pins B-coded

Pin	Wire colors/线芯颜色	Signal/信号 DeviceNet
1	Shield/屏蔽	Drain
2	RD	V+
3	WH	CAN_H
4	BK	V-
5	BU	CAN_L

Contact layout/针脚分布 : Ethernet/以太网 , 4pins A-coded

Pin	Wire colors/线芯颜色	Signal/信号 Ethernet/以太网
1	YE	TD+
2	OG	TD-
3	WH	RD+
4	BU	RD-

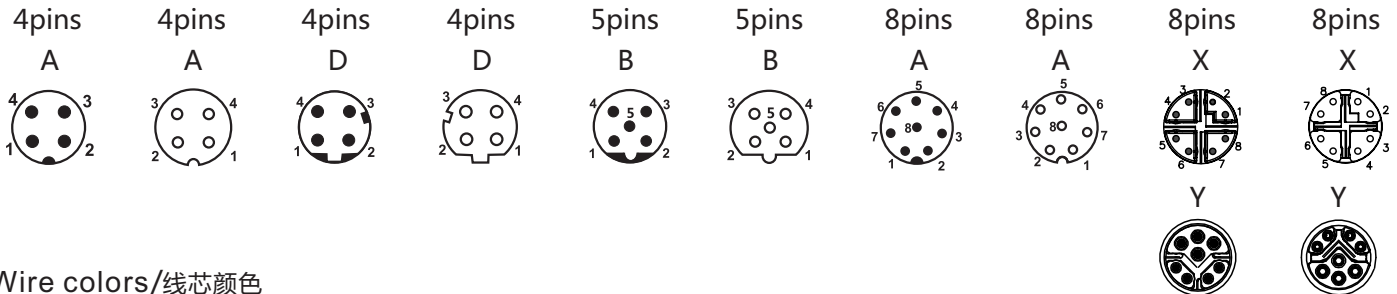
Contact layout and wire colors

针脚分布和线芯颜色

Data / 数据

M12 device connector/M12设备连接器

Contact layout/针脚分布



Wire colors/线芯颜色

PROFIBUS, 5pins , B-coded

Pin	Wire colors 线芯颜色	Signal/信号 PROFIBUS
1	—	—
2	GN	A cable/电缆
3	—	—
4	RD	B cable/电缆
5	Filler wire/填充线	—

shield on housing/屏蔽外壳

CANopen, 5pins , A-coded

Pin	Wire colors 线芯颜色	Signal/信号 CANopen
1	Shield/屏蔽	Drain
2	RD	V+
3	BK	V-
4	WH	CAN_H
5	BU	CAN_L

shield on housing/屏蔽外壳

CANopen, 5pins , A-coded

Pin	Wire colors 线芯颜色	Signal/信号 DeviceNET
1	Shield/屏蔽	Drain
2	RD	V+
3	BK	V-
4	WH	CAN_H
5	BU	CAN_L

shield on housing/屏蔽外壳

INTERBUS, 5pins , B-coded

Pin	Wire colors 线芯颜色	Signal 信号
1	YE	DO
2	GN	<u>DO</u>
3	GY	DI
4	PK	<u>DI</u>
5	BN	COM
—	WH	NC

shield on housing/屏蔽外壳

Ethernet/以太网, 4pins , D-coded

Pin	Wire colors 线芯颜色	Signal/信号 Ethernet/以太网
1	WH/OG	TD+
2	WH/GN	RD+
3	OG	TD-
4	GN	RD-

shield on housing/屏蔽外壳

PROFINET, EtherCAT, Sercos
4pins , D-coded

Pin	Wire colors 线芯颜色	Signal 信号
1	YE	TD+
2	WH	RD+
3	OG	TD-
4	BU	RD-

SFC-Interface/接口 , 4pins , A-coded

Pin	Wire colors 线芯颜色	Signal 信号
1	BU	DO
2	WH	<u>DO</u>
3	BN	DI
4	BK	<u>DI</u>

CC-Link , 4pins , A-coded

Pin	Wire colors 线芯颜色	Signal 信号
1	Shield/屏蔽	SLD
2	WH	<u>DS</u>
3	YE	DG
4	BU	<u>DA</u>

PROFINET, EtherCAT, Sercos
4pins, D-coded

Pin	Wire colors 线芯颜色	Signal 信号
1	BU	DATA-
2	OG	DATA+
3		屏蔽
4		

Data / 数据

M12 device connector/M12设备连接器

Wire colors/线芯颜色

Ethernet/以太网, 8pins , A-coded

Pin	Wire colors 线芯颜色	Signal/信号 Ethernet/以太网
1	WH/BU	D3-
2	WH/BN	D4+
3	BN	D4-
4	OG	D1-
5	WH/GN	D2+
6	WH/OG	D1+
7	BU	D3+
8	GN	D2-

Ethernet/以太网, 8pins , X-coded

Pin	Wire colors 线芯颜色	Signal/信号 Ethernet/以太网
1	WH/OG	D1+
2	OG	D1-
3	WH/GN	D2+
4	GN	D2-
5	WH/BN	D4+
6	BN	D4-
7	WH/BU	D3+
8	BU	D3-

Varan, 8pins , X-coded

Pin	Wire colors 线芯颜色	Signal 信号
1	n. c.	
2	OG	TD-
3	WH/OG	TD+
4	n. c.	
5	WH/GN	RD+
6	BU	
7	BN	
8	GN	RD-

Power / 电源

M12 device connector/M12设备连接器

Contact layout/针脚分布

2+PE



2+PE



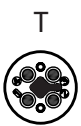
3+PE



3+PE



4pin



4pin



4+FE



4+FE



4+FE



4+FE



4pin



4pin



4+PE



4+PE



5+PE



5+PE



Wire colors/线芯颜色

2+PE , S-coded

Pin	Wire colors/线芯颜色
1	BK1
3	BK2
PE	GN/YE

4pin , T-coded

Pin	Wire colors/线芯颜色
1	BN
2	WH
3	BU
4	BK

4+FE , E-coded

Pin	Wire colors/线芯颜色
1	BN
2	WH
3	BU
4	BK
FE	GY

4+PE , K-coded

Pin	Wire colors/线芯颜色
1	BN
2	WH
3	BU
4	BK
PE	GN/YE

3+PE , S-coded

Pin	Wire colors/线芯颜色
1	BK1
2	BK2
3	BK3
PE	GN/YE

4+FE , L-coded

Pin	Wire colors/线芯颜色
1	BN
2	WH
3	BU
4	BK
FE	GY

4pin , F-coded

Pin	Wire colors/线芯颜色
1	BN
2	WH
3	BU
4	BK

5+PE , M-coded

Pin	Wire colors/线芯颜色
1	BN
2	WH
3	BU
4	BK
5	GY
PE	GN/YE



M5 Series



M5 Series Circular Connectors

1.Connector for over-molding

0501-0502

2.Panel

0503-0510

3.Cable

0511-0514

4.Adapter

0515-0516

M5 Circular connectors

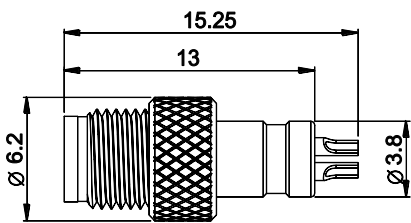
M5

Male connector for over-molding

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins



4pins

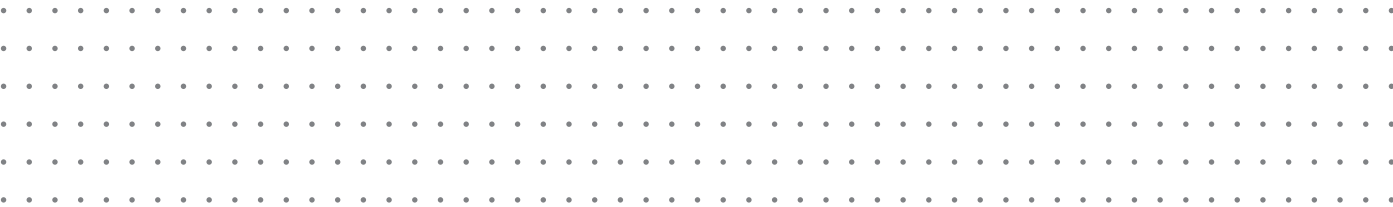


Order data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
3pins	050003-20-001	M05M03001
4pins	050004-20-001	M05M04001

Specifications/技术参数

Number of contacts/芯数	3	4
Termination/接线方式	solder/焊接	
Wire gauge/线规	max 0.14 mm ² / max 26 AWG	
Operating temperature/工作温度	-25°C ~ +85°C	
Mechanical operation/插拔次数	> 100 mating cycles	
Rated voltage/额定电压	60V	
Rated current (40°C)/额定电流	1A	
Protection degree/防护等级	IP67/IP68	
Contact resistance/接触电阻	< 10mΩ	
Insulation resistance/绝缘电阻	≥100MΩ	
Pin contact/插针材料	CuZn	
Socket contact/插孔材料	CuSn	
Contact plating/针孔镀层材料	Au	



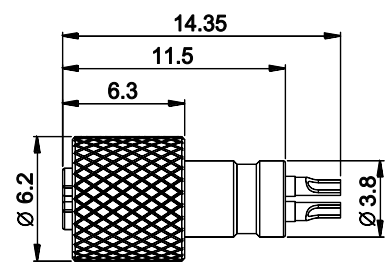
M5 Circular connectors

Female connector for over-molding

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins



4pins

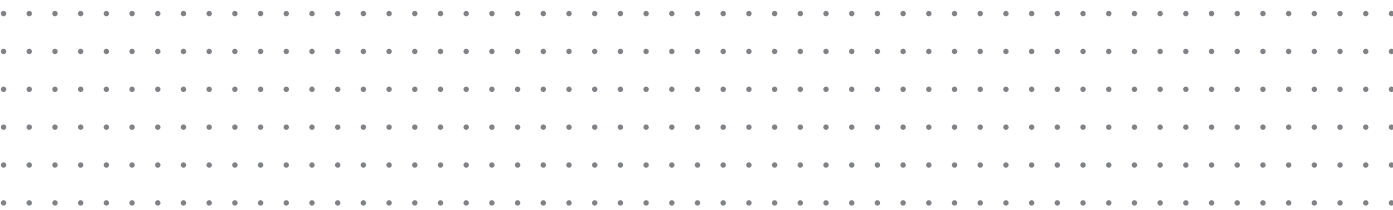


Order data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
3pins	050003-21-001	M05F03001
4pins	050004-21-001	M05F04001

Specifications/技术参数

Number of contacts/芯数	3	4
Termination/接线方式	solder/焊接	
Wire gauge/线规	max 0.14 mm ² / max 26 AWG	
Operating temperature/工作温度	-25°C ~ +85°C	
Mechanical operation/插拔次数	> 100 mating cycles	
Rated voltage/额定电压	60V	
Rated current (40°C)/额定电流	1A	
Protection degree/防护等级	IP67/IP68	
Contact resistance/接触电阻	< 10mΩ	
Insulation resistance/绝缘电阻	≥100MΩ	
Pin contact/插针材料	CuZn	
Socket contact/插孔材料	CuSn	
Contact plating/针孔镀层材料	Au	



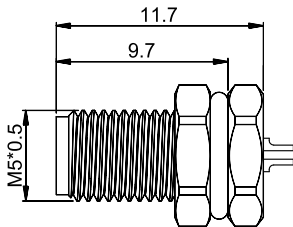
M5 Circular connectors

Male panel connector

Product figure (front fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins



4pins

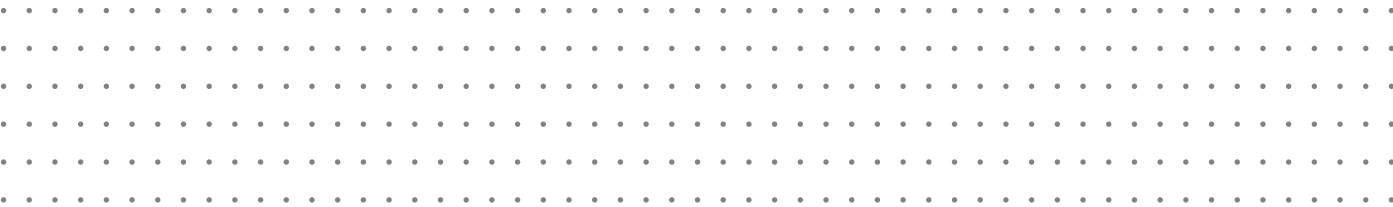


Order data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
3pins	050003-03-003	—
4pins	050004-03-005	—

Specifications/技术参数

Number of contacts/芯数	3	4
Termination/接线方式	solder/焊线式	
Wire gauge/线规	max 0.14 mm ² / max 26 AWG	
Operating temperature/工作温度	-25°C ~ +80°C	
Mechanical operation/插拔次数	> 100 mating cycles	
Rated voltage/额定电压	60V	
Rated current (40°C)/额定电流	1A	
Protection degree/防护等级	IP67/IP68	
Contact resistance/接触电阻	< 3mΩ	
Insulation resistance/绝缘电阻	≥100MΩ	
Pin contact/插针材料	CuZn	
Socket contact/插孔材料	CuSn	
Contact plating/针孔镀层材料	Au	

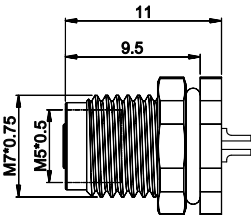


Female panel connectors

Product figure (front fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins



4pins



Order data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
3pins	050003-04-003	—
4pins	050004-04-002	—

Specifications/技术参数

Number of contacts/芯数	3	4
Termination/接线方式	solder/焊线式	
Wire gauge/线规	max 0.14 mm ² / max 26 AWG	
Operating temperature/工作温度	-25°C ~ +80°C	
Mechanical operation/插拔次数	> 100 mating cycles	
Rated voltage/额定电压	60V	
Rated current (40°C)/额定电流	1A	
Protection degree/防护等级	IP67/IP68	
Contact resistance/接触电阻	< 3mΩ	
Insulation resistance/绝缘电阻	≥100MΩ	
Pin contact/插针材料	CuZn	
Socket contact/插孔材料	CuSn	
Contact plating/针孔镀层材料	Au	

M5 Circular connectors

M5

Male panel connector

M8

Product figure (rear fastened)

M9

M12

M16

M17

M23

7/8

RD

D-B

NMEA

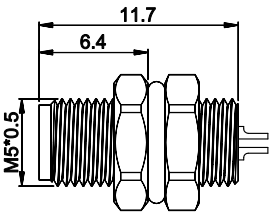
D-Sub

USB

RF

P-P

Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins



4pins

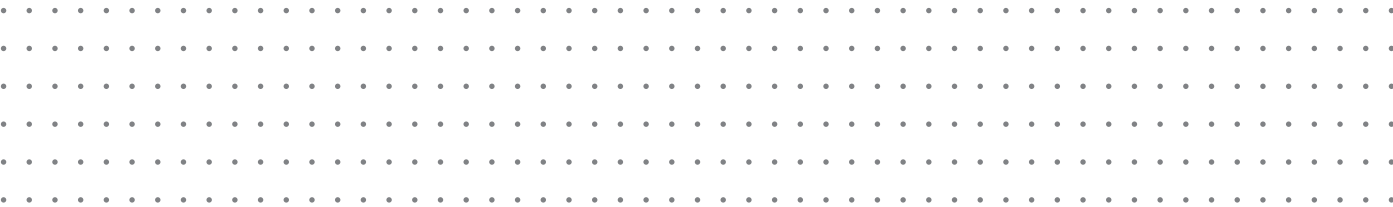


Order data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
3pins	050003-03-006	PMM05BM03002
4pins	050004-03-012	PMM05BM04002

Specifications/技术参数

Number of contacts/芯数	3	4
Termination/接线方式	solder/焊线式	
Wire gauge/线规	max 0.14 mm ² / max 26 AWG	
Operating temperature/工作温度	-25°C ~ +80°C	
Mechanical operation/插拔次数	> 100 mating cycles	
Rated voltage/额定电压	60V	
Rated current (40°C)/额定电流	1A	
Protection degree/防护等级	IP67/IP68	
Contact resistance/接触电阻	< 3mΩ	
Insulation resistance/绝缘电阻	≥100MΩ	
Pin contact/插针材料	CuZn	
Socket contact/插孔材料	CuSn	
Contact plating/针孔镀层材料	Au	



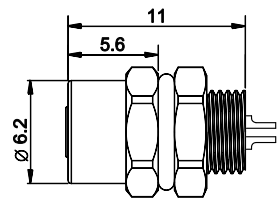
M5 Circular connectors

Female panel connector

Product figure (rear fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins



4pins



Order data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
3pins	050003-04-007	—
4pins	050004-04-004	—

Specifications/技术参数

Number of contacts/芯数	3	4
Termination/接线方式	solder/焊线式	
Wire gauge/线规	max 0.14 mm ² / max 26 AWG	
Operating temperature/工作温度	-25°C ~ +80°C	
Mechanical operation/插拔次数	> 100 mating cycles	
Rated voltage/额定电压	60V	
Rated current (40°C)/额定电流	1A	
Protection degree/防护等级	IP67/IP68	
Contact resistance/接触电阻	< 3mΩ	
Insulation resistance/绝缘电阻	≥100MΩ	
Pin contact/插针材料	CuZn	
Socket contact/插孔材料	CuSn	
Contact plating/针孔镀层材料	Au	



M5 Circular connectors

M5

Male panel connector

M8

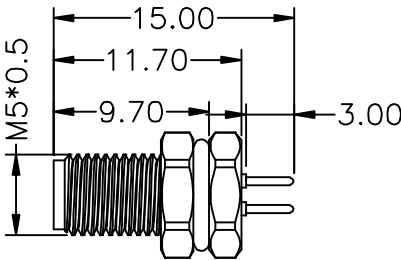
Product figure (front fastened DIP)

Scale diagram

M9



M12



M16

Contact layout/针孔排布 (Front view/前视图)

M17

3pins

4pins



M23

Order data/订货信息

7/8

Contacts/芯数	Order No/订货号	P/N/料号
3pins	050003-03-004	PMM05FM03003
4pins	050004-03-008	PMM05FM04003

RD

Specifications/技术参数

D-B

Number of contacts/芯数	3	4
Termination/接线方式	PCB/插板式	
Wire gauge/线规	—	
Operating temperature/工作温度	-25°C ~ +85°C	
Mechanical operation/插拔次数	> 100 mating cycles	
Rated voltage/额定电压	60V	
Rated current (40°C)/额定电流	1A	
Protection degree/防护等级	IP67/IP68	
Contact resistance/接触电阻	< 3mΩ	
Insulation resistance/绝缘电阻	≥100MΩ	
Pin contact/插针材料	CuZn	
Socket contact/插孔材料	CuSn	
Contact plating/针孔镀层材料	Au	

D-Sub

USB

RF

P-P

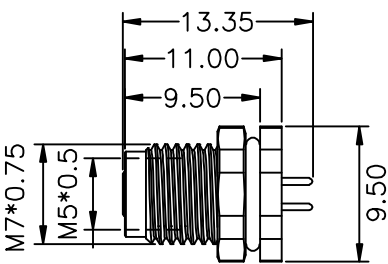
M5 Circular connectors

Female panel connectors

Product figure (front fastened DIP)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins



4pins



Order data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
3pins	050003-04-004	PMM05FF03003
4pins	050004-04-007	PMM05FF04003

Specifications/技术参数

Number of contacts/芯数	3	4
Termination/接线方式	PCB/插板式	
Wire gauge/线规	—	
Operating temperature/工作温度	-25°C ~ +85°C	
Mechanical operation/插拔次数	> 100 mating cycles	
Rated voltage/额定电压	60V	
Rated current (40°C)/额定电流	1A	
Protection degree/防护等级	IP67/IP68	
Contact resistance/接触电阻	< 3mΩ	
Insulation resistance/绝缘电阻	≥100MΩ	
Pin contact/插针材料	CuZn	
Socket contact/插孔材料	CuSn	
Contact plating/针孔镀层材料	Au	

M5

M8

M9

M12

M16

M17

M23

7/8

RD24

D-B

NMEA

D-Sub

USB

RF

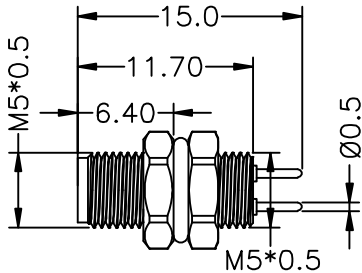
P-P

M5 Circular connectors

Male panel connector

Product figure (rear fastened DIP)

Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

4pins



Order data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
3pins	050003-03-005	PMM05BM03004
4pins	050004-03-007	PMM05BM04004

Specifications/技术参数

Number of contacts/芯数	3	4
Termination/接线方式	PCB/插板式	
Wire gauge/线规	—	
Operating temperature/工作温度	-25°C ~ +85°C	
Mechanical operation/插拔次数	> 100 mating cycles	
Rated voltage/额定电压	60V	
Rated current (40°C)/额定电流	1A	
Protection degree/防护等级	IP67/IP68	
Contact resistance/接触电阻	< 3mΩ	
Insulation resistance/绝缘电阻	≥100MΩ	
Pin contact/插针材料	CuZn	
Socket contact/插孔材料	CuSn	
Contact plating/针孔镀层材料	Au	

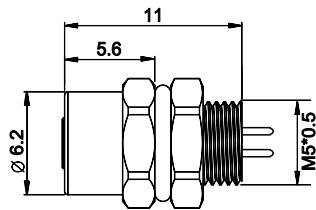
M5 Circular connectors

Female panel connector

Product figure (rear fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins



4pins

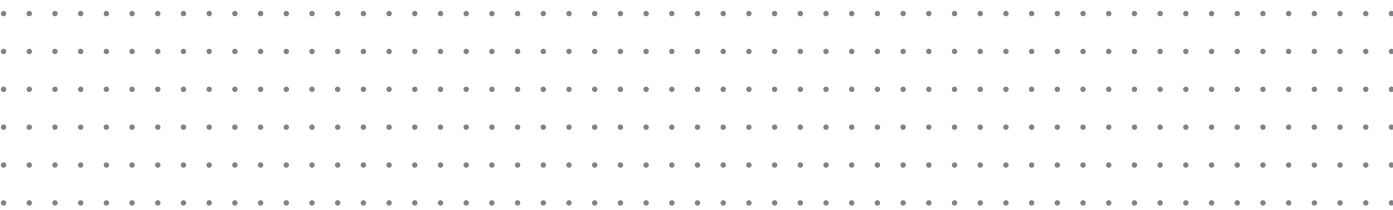


Order data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
3pins	050003-04-009	PMM05BF03004
4pins	050004-04-015	PMM05BF04004

Specifications/技术参数

Number of contacts/芯数	3	4
Termination/接线方式	PCB/插板式	
Wire gauge/线规	—	
Operating temperature/工作温度	-25°C ~ +85°C	
Mechanical operation/插拔次数	> 100 mating cycles	
Rated voltage/额定电压	60V	
Rated current (40°C)/额定电流	1A	
Protection degree/防护等级	IP67/IP68	
Contact resistance/接触电阻	< 3mΩ	
Insulation resistance/绝缘电阻	≥100MΩ	
Pin contact/插针材料	CuZn	
Socket contact/插孔材料	CuSn	
Contact plating/针孔镀层材料	Au	



M5 Circular connectors

M5

Male cable

M8

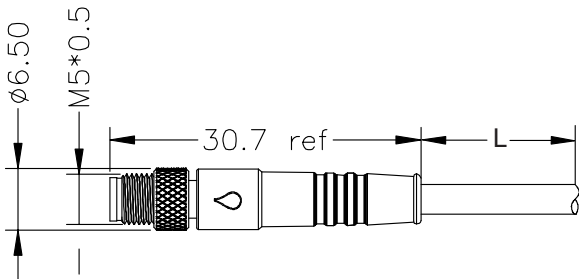
Product figure



M9

M12

Scale diagram



M16

Contact layout/针孔排布 (Front view/前视图)

3pins



4pins



M17

M23

Order data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
3pins	050003-05-001	CAM05SM03001
4pins	050004-05-001	CAM05SM04001

7/8

RD

Specifications/技术参数

Number of contacts/芯数	3	4
Termination/接线方式	moulded on cable/成型线	
Wire gauge/线规	max 0.14 mm ² / max 26 AWG	
Operating temperature/工作温度	-25°C ~ +80°C	
Mechanical operation/插拔次数	> 100 mating cycles	
Rated voltage/额定电压	60V	
Rated current (40°C)/额定电流	1A	
Protection degree/防护等级	IP67/IP68	
Contact resistance/接触电阻	< 3mΩ	
Insulation resistance/绝缘电阻	≥100MΩ	
Pin contact/插针材料	CuZn	
Socket contact/插孔材料	CuSn	
Contact plating/针孔镀层材料	Au	

D-B

NMEA

D-Sub

USB

RF

P-P

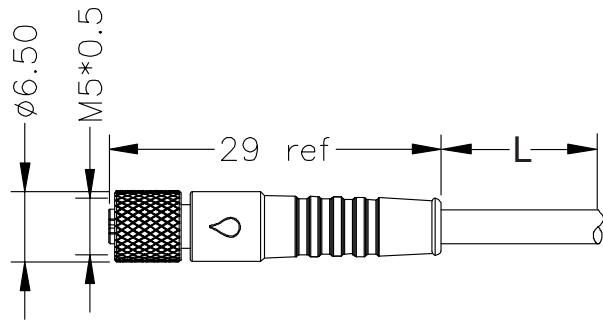
M5 Circular connectors

Female cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins



4pins

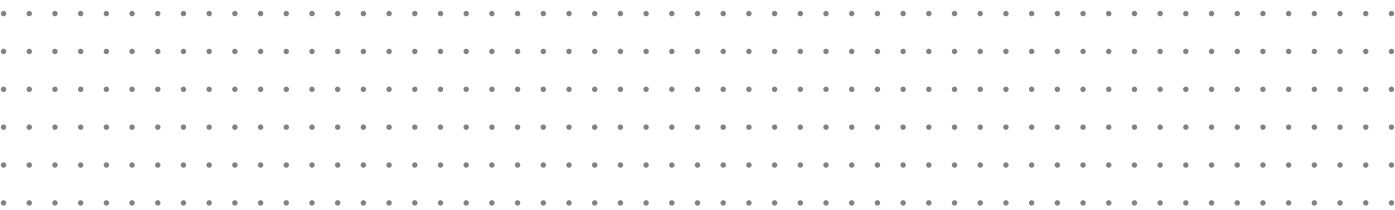


Order data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
3pins	050003-06-001	CAM05SF03001
4pins	050004-06-001	CAM05SF04001

Specifications/技术参数

Number of contacts/芯数	3	4
Termination/接线方式	moulded on cable/成型线	
Wire gauge/线规	max 0.14 mm ² / max 26 AWG	
Operating temperature/工作温度	-25°C ~ +80°C	
Mechanical operation/插拔次数	> 100 mating cycles	
Rated voltage/额定电压	60V	
Rated current (40°C)/额定电流	1A	
Protection degree/防护等级	IP67/IP68	
Contact resistance/接触电阻	< 3mΩ	
Insulation resistance/绝缘电阻	≥100MΩ	
Pin contact/插针材料	CuZn	
Socket contact/插孔材料	CuSn	
Contact plating/针孔镀层材料	Au	



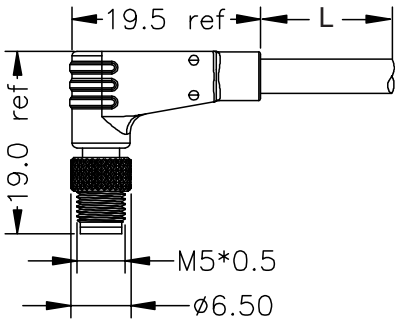
M5 Circular connectors

Male cable(90°)

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins



4pins

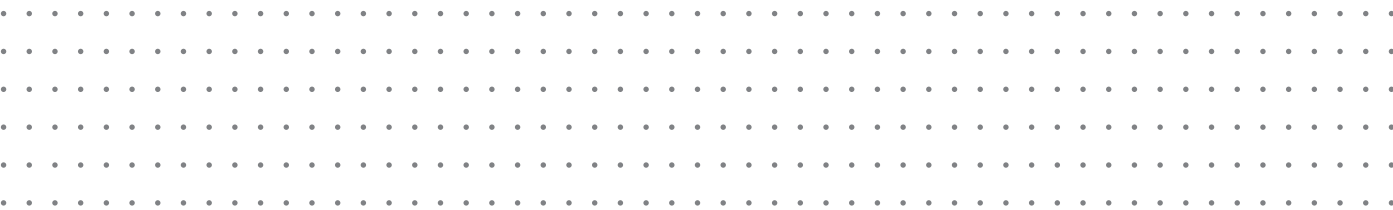


Order data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
3pins	050003-05-002	CAM05RM03002
4pins	050004-05-002	CAM05RM04002

Specifications/技术参数

Number of contacts/芯数	3	4
Termination/接线方式	moulded on cable/成型线	
Wire gauge/线规	max 0.14 mm ² / max 26 AWG	
Operating temperature/工作温度	-25°C ~ +80°C	
Mechanical operation/插拔次数	> 100 mating cycles	
Rated voltage/额定电压	60V	
Rated current (40°C)/额定电流	1A	
Protection degree/防护等级	IP67/IP68	
Contact resistance/接触电阻	< 3mΩ	
Insulation resistance/绝缘电阻	≥100MΩ	
Pin contact/插针材料	CuZn	
Socket contact/插孔材料	CuSn	
Contact plating/针孔镀层材料	Au	



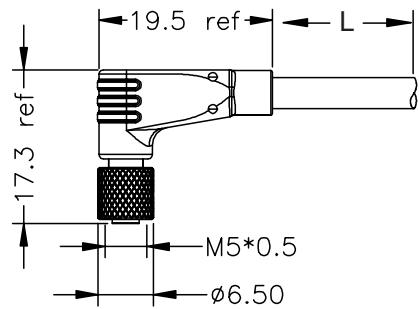
M5 Circular connectors

Female cable(90°)

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins



4pins

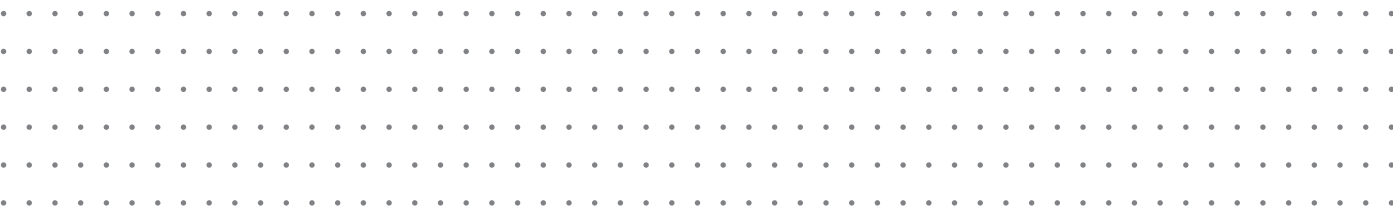


Order data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
3pins	050003-06-002	CAM05RF03002
4pins	050004-06-002	CAM05RF04002

Specifications/技术参数

Number of contacts/芯数	3	4
Termination/接线方式	moulded on cable/成型线	
Wire gauge/线规	max 0.14 mm ² / max 26 AWG	
Operating temperature/工作温度	-25°C ~ +80°C	
Mechanical operation/插拔次数	> 100 mating cycles	
Rated voltage/额定电压	60V	
Rated current (40°C)/额定电流	1A	
Protection degree/防护等级	IP67/IP68	
Contact resistance/接触电阻	< 3mΩ	
Insulation resistance/绝缘电阻	≥100MΩ	
Pin contact/插针材料	CuZn	
Socket contact/插孔材料	CuSn	
Contact plating/针孔镀层材料	Au	



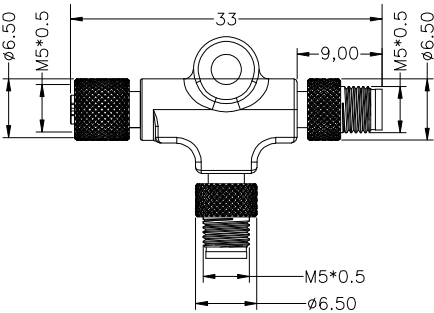
M5 Circular connectors

M5

“T” Splitter

Product figure(Male to Male & Female)

Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins



4pins



Order data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
4pins	050004-10-001	—

Specifications/技术参数

Number of contacts/芯数	4
Termination/接线方式	—
Wire gauge/线规	—
Operating temperature/工作温度	-25°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	1A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	< 3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



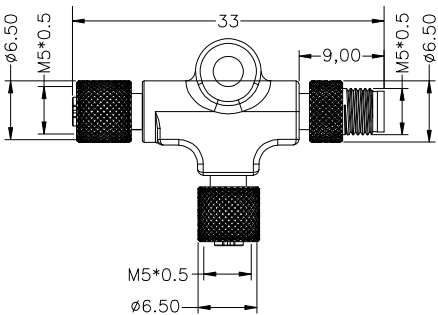
M5 Circular connectors

“T” Splitter

Product figure(Male to Dual Female)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins



4pins



Order data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
4pins	050004-10-002	—

Specifications/技术参数

Number of contacts/芯数	4
Termination/接线方式	—
Wire gauge/线规	—
Operating temperature/工作温度	-25°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	1A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	< 3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

M5

M8

M9

M12

M16

M17

M23

7/8

RD24

D-B

NMEA

D-Sub

USB

RF

P-P



备注

M8 Series



M8 Series Circular Connectors

1.Assembly connector	0801-0808
2.Connector for over-molding	0809-0812
3.Panel	0813-0826
4.Cable	0827-0833
5.Adapter	0834-0840
6.M8 P-coding	0841-0843
7.Standard cable length	0844-0881

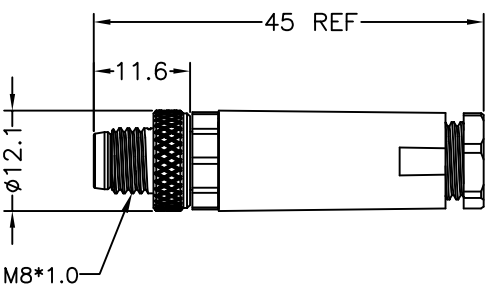
M8 Circular connectors

Male assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

A



4pins

A



Order data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	080103-01-001S	ASM08AM03001
4pins	A	080104-01-001S	ASM08AM04001

Specifications/技术参数

Number of contacts/芯数	3	4
Termination/接线方式	screw clamp/锁螺丝	
Wire gauge/线规	0.14/0.25/0.34 mm ² / (26/24/22 AWG)	
Cable OD/线材直径	3~4.5mm	
Operating temperature/工作温度	-25°C~+85°C	
Mechanical operation/插拔次数	> 100 mating cycles	
Rated voltage/额定电压	50V AC / 60V DC	
Rated current (40°C)/额定电流	3A	
Protection degree/防护等级	IP67/IP68	
Contact resistance/接触电阻	< 10mΩ	
Insulation resistance/绝缘电阻	≥100MΩ	
Pin contact/插针材料	CuZn	
Socket contact/插孔材料	CuSn	
Contact plating/针孔镀层材料	Au	

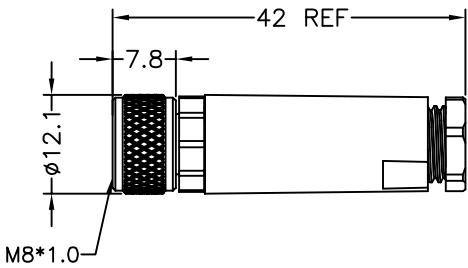
M8 Circular connectors

Female assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

4pins

A

A



Order data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	080103-02-001S	ASM08AF03001
4pins	A	080104-02-001S	ASM08AF04001

Specifications/技术参数

Number of contacts/芯数	3	4
Termination/接线方式	screw clamp/锁螺丝	
Wire gauge/线规	0.14/0.25/0.34 mm ² / (26/24/22 AWG)	
Cable OD/线材直径	3~4.5mm	
Operating temperature/工作温度	-25°C~+85°C	
Mechanical operation/插拔次数	> 100 mating cycles	
Rated voltage/额定电压	50V AC / 60V DC	
Rated current (40°C)/额定电流	3A	
Protection degree/防护等级	IP67/IP68	
Contact resistance/接触电阻	< 10mΩ	
Insulation resistance/绝缘电阻	≥100MΩ	
Pin contact/插针材料	CuZn	
Socket contact/插孔材料	CuSn	
Contact plating/针孔镀层材料	Au	

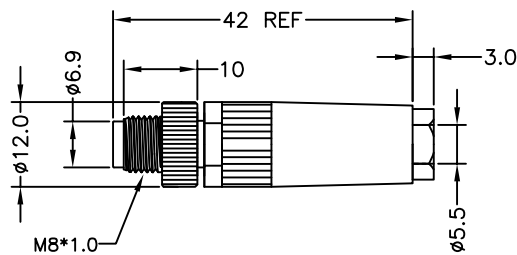
M8 Circular connectors

Male assembly connector

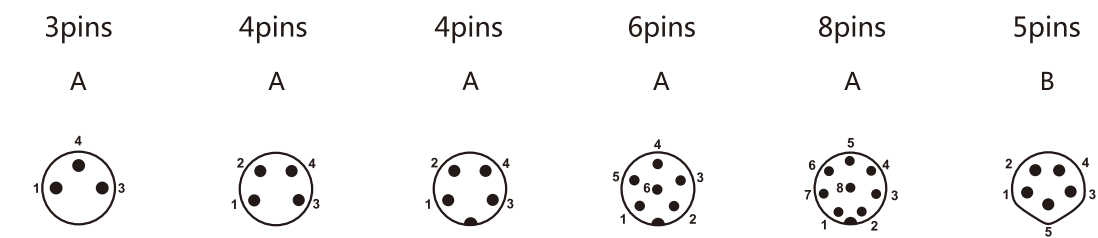
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	080103-01-002	ASM08AM03002
4pins	A	080104-01-002	ASM08AM04002
	A(fool-proof)	080104-01-006	ASM08AM04006
5pins	B	080205-01-001	ASM08BM05002
6pins	A	080106-01-001	ASM08AM06002
8pins	A	080108-01-001	ASM08AM08002

Specifications/技术参数

Number of contacts/芯数	3	4	5	6	8
Termination/接线方式	solder/焊接				
Wire gauge/线规	0.14/0.25/0.34 mm ² / (26/24/22 AWG)				
Cable OD/线材直径	3~4.5mm				
Operating temperature/工作温度	-25°C~+85°C				
Mechanical operation/插拔次数	> 100 mating cycles				
Rated voltage/额定电压	50V AC / 60V DC		30V		
Rated current (40°C)/额定电流	3A			1.5A	
Protection degree/防护等级	IP67/IP68				
Contact resistance/接触电阻	< 10mΩ				
Insulation resistance/绝缘电阻	≥100MΩ				
Pin contact/插针材料	CuZn				
Socket contact/插孔材料	CuSn				
Contact plating/针孔镀层材料	Au				

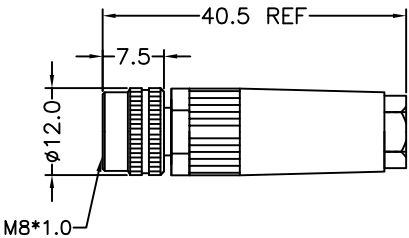
M8 Circular connectors

Female assembly connector

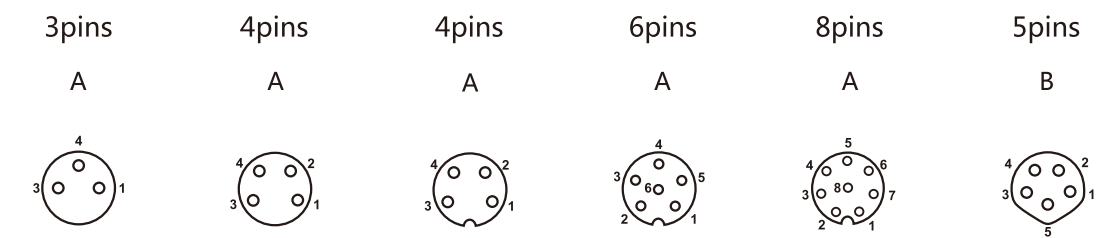
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	080103-02-002	ASM08AF03002
4pins	A	080104-02-002	ASM08AF04002
	A(fool-proof)	080104-02-006	ASM08AF04006
5pins	B	080205-02-001	ASM08BF05002
6pins	A	080106-02-001	ASM08AF06002
8pins	A	080108-02-001	ASM08AF08002

Specifications/技术参数

Number of contacts/芯数	3	4	5	6	8
Termination/接线方式	solder/焊接				
Wire gauge/线规	0.14/0.25/0.34 mm ² / (26/24/22 AWG)				
Cable OD/线材直径	3~4.5mm				
Operating temperature/工作温度	-25°C~+85°C				
Mechanical operation/插拔次数	> 100 mating cycles				
Rated voltage/额定电压	50V AC / 60V DC		30V		
Rated current (40°C)/额定电流	3A			1.5A	
Protection degree/防护等级	IP67/IP68				
Contact resistance/接触电阻	< 10mΩ				
Insulation resistance/绝缘电阻	≥100MΩ				
Pin contact/插针材料	CuZn				
Socket contact/插孔材料	CuSn				
Contact plating/针孔镀层材料	Au				

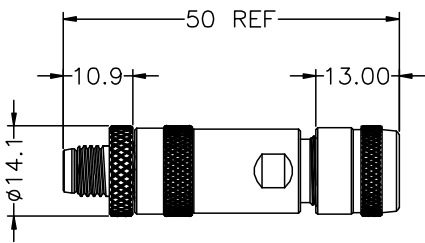
M8 Circular connectors

Male assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

A



4pins

A



Order data/订货信息

Contacts/芯数	Coding	Order No/订货号	Cable OD/线材直径
3pins	A	080103-01-004S	3~4.5mm
		080103-01-008	5~7.2mm
4pins	A	080104-01-004S	3~4.5mm
		080104-01-009	5~7.2mm

Specifications/技术参数

Number of contacts/芯数	3	4
Termination/接线方式	screw clamp/锁螺丝	
Wire gauge/线规	0.14/0.25/0.34 mm ² / (26/24/22 AWG)	
Cable OD/线材直径	3~4.5mm, 5~7.2mm	
Operating temperature/工作温度	-25°C ~ +85°C	
Mechanical operation/插拔次数	> 100 mating cycles	
Rated voltage/额定电压	50V AC / 60V DC	
Rated current (40°C)/额定电流	3A	
Protection degree/防护等级	IP65	
Contact resistance/接触电阻	< 10mΩ	
Insulation resistance/绝缘电阻	≥ 100MΩ	
Pin contact/插针材料	CuZn	
Socket contact/插孔材料	CuSn	
Contact plating/针孔镀层材料	Au	

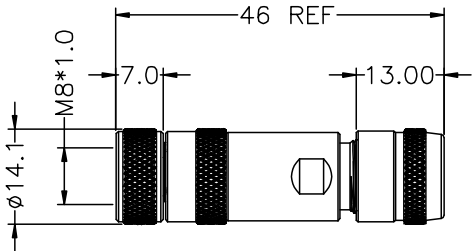
M8 Circular connectors

Female assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

A



4pins

A



Order data/订货信息

Contacts/芯数	Coding	Order No/订货号	Cable OD/线材直径
3pins	A	080103-02-004S	3~4.5mm
		080103-02-009	5~7.2mm
4pins	A	080104-02-004S	3~4.5mm
		080104-02-010	5~7.2mm

Specifications/技术参数

Number of contacts/芯数	3	4
Termination/接线方式	screw clamp/锁螺丝	
Wire gauge/线规	0.14/0.25/0.34 mm ² / (26/24/22 AWG)	
Cable OD/线材直径	3~4.5mm, 5~7.2mm	
Operating temperature/工作温度	-25°C ~ +85°C	
Mechanical operation/插拔次数	> 100 mating cycles	
Rated voltage/额定电压	50V AC / 60V DC	
Rated current (40°C)/额定电流	3A	
Protection degree/防护等级	IP65	
Contact resistance/接触电阻	< 10mΩ	
Insulation resistance/绝缘电阻	≥ 100MΩ	
Pin contact/插针材料	CuZn	
Socket contact/插孔材料	CuSn	
Contact plating/针孔镀层材料	Au	

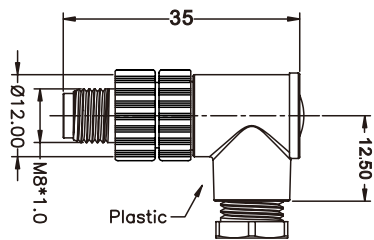
M8 Circular connectors

Male assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

4pins

A

A



Order data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	080103-01-003	ASM08AM03003
4pins	A	080104-01-003	ASM08AM04003

Specifications/技术参数

Number of contacts/芯数	3	4
Termination/接线方式	screw clamp/锁螺丝	
Wire gauge/线规	0.14/0.25/0.34 mm ² / (26/24/22 AWG)	
Cable OD/线材直径	3~4.5mm	
Operating temperature/工作温度	-25°C ~ +85°C	
Mechanical operation/插拔次数	> 100 mating cycles	
Rated voltage/额定电压	50V AC / 60V DC	
Rated current (40°C)/额定电流	3A	
Protection degree/防护等级	IP65	
Contact resistance/接触电阻	< 10mΩ	
Insulation resistance/绝缘电阻	≥100MΩ	
Pin contact/插针材料	CuZn	
Socket contact/插孔材料	CuSn	
Contact plating/针孔镀层材料	Au	

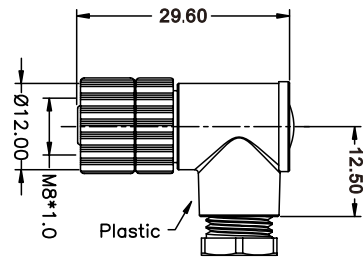
M8 Circular connectors

Female assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

4pins

A

A



Order data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	080103-02-003	ASM08AF03003
4pins	A	080104-02-003	ASM08AF04003

Specifications/技术参数

Number of contacts/芯数	3	4
Termination/接线方式	screw clamp/锁螺丝	
Wire gauge/线规	0.14/0.25/0.34 mm ² / (26/24/22 AWG)	
Cable OD/线材直径	3~4.5mm	
Operating temperature/工作温度	-25°C ~ +85°C	
Mechanical operation/插拔次数	> 100 mating cycles	
Rated voltage/额定电压	50V AC / 60V DC	
Rated current (40°C)/额定电流	3A	
Protection degree/防护等级	IP65	
Contact resistance/接触电阻	< 10mΩ	
Insulation resistance/绝缘电阻	≥100MΩ	
Pin contact/插针材料	CuZn	
Socket contact/插孔材料	CuSn	
Contact plating/针孔镀层材料	Au	

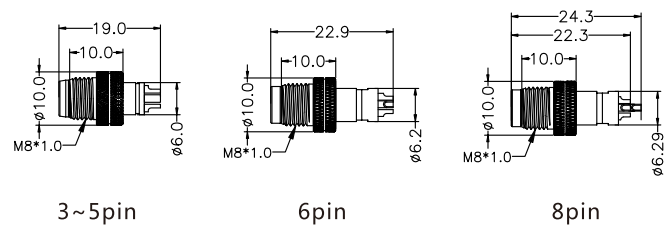
M8 Circular connectors

Male connector for over-molding

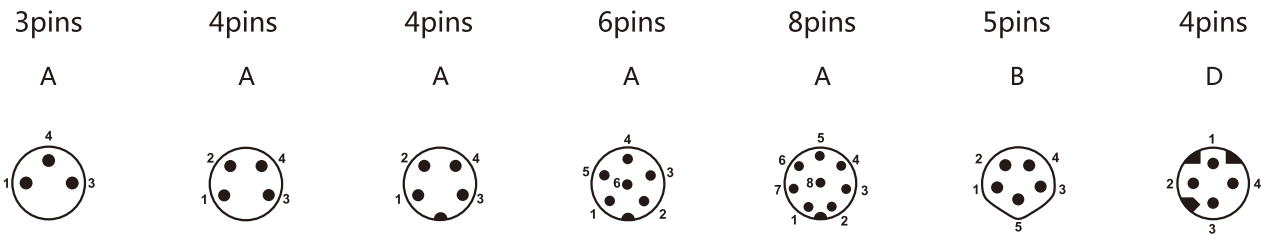
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	080103-20-001	M08AM03001
4pins	A	080104-20-001	M08AM04001
	A(fool-proof)	080104-20-002	M08AM04002
	D	080404-20-001	M08DM04001
5pins	B	080205-20-002	M08BM05001
6pins	A	080106-20-001	M08AM06001
8pins	A	080108-20-001	M08AM08001

Specifications/技术参数

Number of contacts/芯数	3	4 A-coding	4 D-coding	5	6	8
Termination/接线方式	solder/焊线式					
Wire gauge/线规	0.14/0.25/0.34 mm ² / (26/24/22 AWG)					
Operating temperature/工作温度	-25°C ~ +80°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	50V AC / 60V DC		60V	30V		
Rated current (40°C)/额定电流	3A		4A	3A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

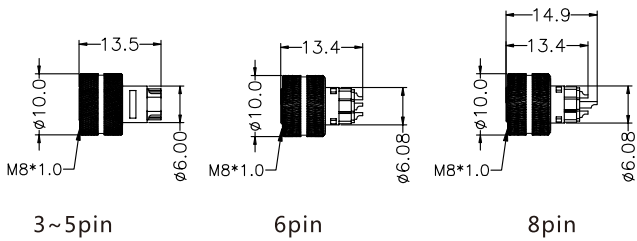
M8 Circular connectors

Female connector for over-molding

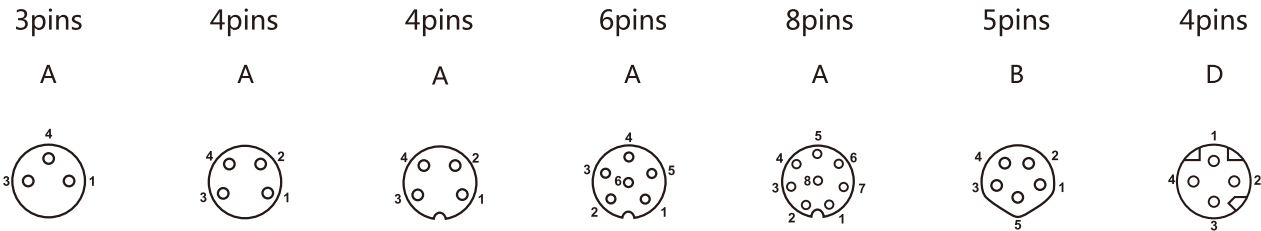
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	080103-21-001	M08AF03001
4pins	A	080104-21-001	M08AF04001
	A(fool-proof)	080104-21-002	M08AF04002
	D	080404-21-001	M08DF04001
5pins	B	080205-21-002	M08BF05001
6pins	A	080106-21-001	M08AF06001
8pins	A	080108-21-001	M08AF08001

Specifications/技术参数

Number of contacts/芯数	3	4 A-coding	4 D-coding	5	6	8
Termination/接线方式	solder/焊线式					
Wire gauge/线规	0.14/0.25/0.34 mm ² / (26/24/22 AWG)					
Operating temperature/工作温度	-25°C ~ +80°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	50V AC / 60V DC		60V	30V		
Rated current (40°C)/额定电流	3A		4A	3A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

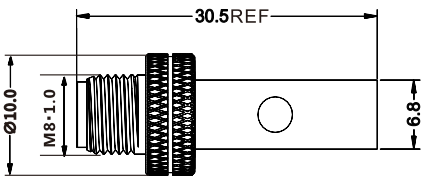
M8 Circular connectors

Male connector for over-molding

Product figure (with shield)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

A



4pins

A



4pins

A



6pins

A



8pins

A



5pins

B



4pins

D



Order data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	080103-20-002	M08AM03002
4pins	A	080104-20-003	M08AM04003
	A(fool-proof)	080104-20-004	M08AM04004
	D	080404-20-002	M08DM04002
5pins	B	080205-20-003	M08BM05002
6pins	A	080106-20-002	M08AM06002
8pins	A	080108-20-002	M08PM04002

Specifications/技术参数

Number of contacts/芯数	3	4 A-coding	4 D-coding	5	6	8
Termination/接线方式	solder/焊线式					
Wire gauge/线规	0.14/0.25/0.34 mm ² / (26/24/22 AWG)					
Operating temperature/工作温度	-25°C ~ +80°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	50V AC / 60V DC		60V	30V		
Rated current (40°C)/额定电流	3A		4A	3A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

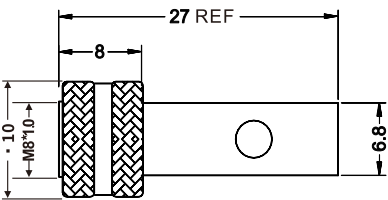
M8 Circular connectors

Female connector for over-molding

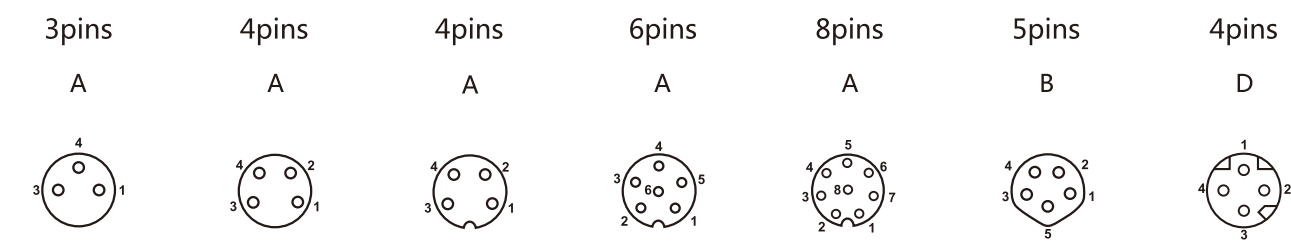
Product figure (with shield)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	080103-21-002	M08AF03002
4pins	A	080104-21-003	M08AF04003
	A(fool-proof)	080104-21-004	M08AF04004
	D	080404-21-002	M08DF04002
5pins	B	080205-21-003	M08BF05002
6pins	A	080106-21-002	M08AF06002
8pins	A	080108-21-002	M08AF08002

Specifications/技术参数

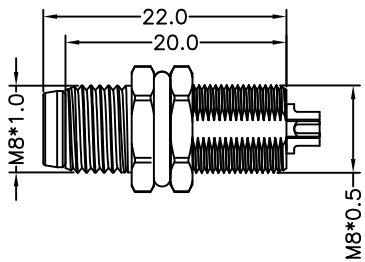
Number of contacts/芯数	3	4 A-coding	4 D-coding	5	6	8
Termination/接线方式	solder/焊线式					
Wire gauge/线规	0.14/0.25/0.34 mm ² / (26/24/22 AWG)					
Operating temperature/工作温度	-25°C ~ +80°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	50V AC / 60V DC		60V	30V		
Rated current (40°C)/额定电流	3A		4A	3A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

M8 Circular connectors

Male panel connector

Product figure (rear fastened solder)

Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

4pins

4pins

6pins

8pins

5pins

4pins

A

A

A

A

A

B

D



Order data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	080103-03-001	PMM08BAM03001
4pins	A	080104-03-001	PMM08BAM04001
	A(fool-proof)	080104-03-009	PMM08BAM04005
	D	080404-03-001	PMM08BDM04001
5pins	B	080205-03-001	PMM08BBM05001
6pins	A	080106-03-001	PMM08BAM06001
8pins	A	080108-03-001	PMM08BAM08001

Specifications/技术参数

Number of contacts/芯数	3	4 A-coding	4 D-coding	5	6	8
Termination/接线方式	solder/焊线式					
Wire gauge/线规	0.14/0.25/0.34 mm ² / (26/24/22 AWG)					
Operating temperature/工作温度	-25°C ~ +80°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	50V AC / 60V DC		60V	30V		
Rated current (40°C)/额定电流	3A		4A	3A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

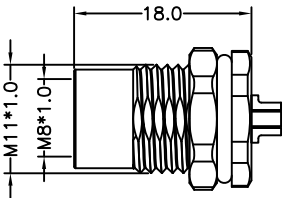
M8 Circular connectors

Female panel connector

Product figure (front fastened solder)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

A



4pins

A



4pins

A



6pins

A



8pins

A



5pins

B



4pins

D



Order data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	080103-04-004	PMM08FAF03001
4pins	A	080104-04-004	PMM08FAF04001
	A(fool-proof)	080104-04-013	PMM08FAF04007
	D	080404-04-001	PMM08FDF04001
5pins	B	080205-04-004	PMM08FBF05001
6pins	A	080106-04-004	PMM08FAF06001
8pins	A	080108-04-004	PMM08FAF08001

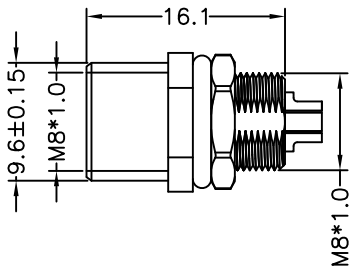
Specifications/技术参数

Number of contacts/芯数	3	4 A-coding	4 D-coding	5	6	8
Termination/接线方式	solder/焊线式					
Wire gauge/线规	0.14/0.25/0.34 mm ² / (26/24/22 AWG)					
Operating temperature/工作温度	-25°C ~ +80°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	50V AC / 60V DC		60V	30V		
Rated current (40°C)/额定电流	3A		4A	3A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

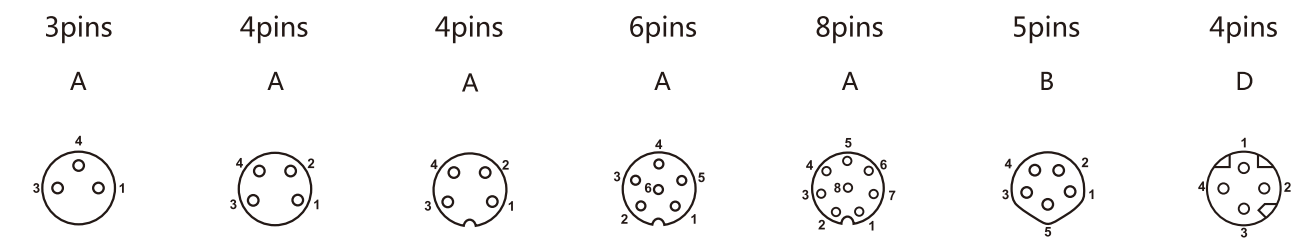
Female panel connector

Product figure (M8*1.0 rear fastened solder)

Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	080103-04-001	PMM08BAF03002
4pins	A	080104-04-001	PMM08BAF04002
	A(fool-proof)	080104-04-014	PMM08BAF04008
	D	080404-04-002	PMM08BDF04002
5pins	B	080205-04-001	PMM08BBF05002
6pins	A	080106-04-001	PMM08BAF06002
8pins	A	080108-04-001	PMM08BAF08002

Specifications/技术参数

Number of contacts/芯数	3	4 A-coding	4 D-coding	5	6	8
Termination/接线方式	solder/焊线式					
Wire gauge/线规	0.14/0.25/0.34 mm ² / (26/24/22 AWG)					
Operating temperature/工作温度	-25°C ~ +80°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	50V AC / 60V DC		60V	30V		
Rated current (40°C)/额定电流	3A		4A	3A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

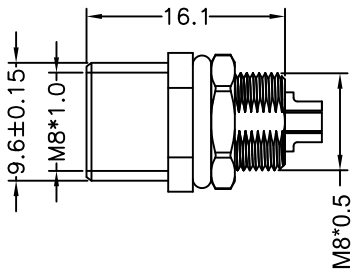
M8 Circular connectors

Female panel connector

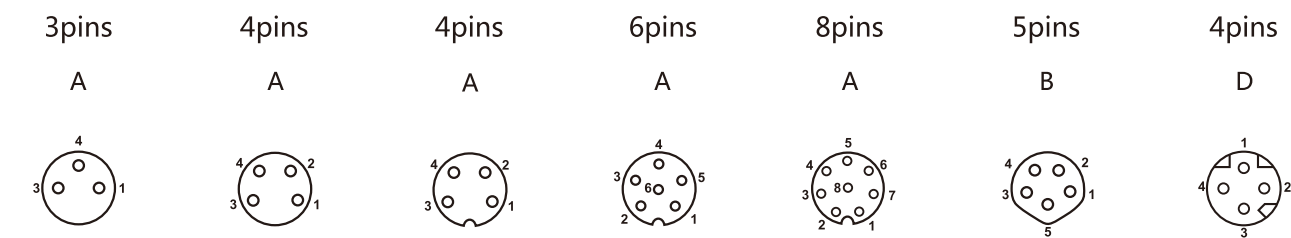
Product figure (M8*0.5 rear fastened solder)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	080103-04-002	PMM08BAF03003
4pins	A	080104-04-002	PMM08BAF04003
	A(fool-proof)	080104-04-015	PMM08BAF04009
	D	080404-04-003	PMM08BDF04003
5pins	B	080205-04-002	PMM08BBF05003
6pins	A	080106-04-002	PMM08BAF06003
8pins	A	080108-04-002	PMM08BAF08003

Specifications/技术参数

Number of contacts/芯数	3	4 A-coding	4 D-coding	5	6	8
Termination/接线方式	solder/焊线式					
Wire gauge/线规	0.14/0.25/0.34 mm ² / (26/24/22 AWG)					
Operating temperature/工作温度	-25°C ~ +80°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	50V AC / 60V DC		60V	30V		
Rated current (40°C)/额定电流	3A		4A	3A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

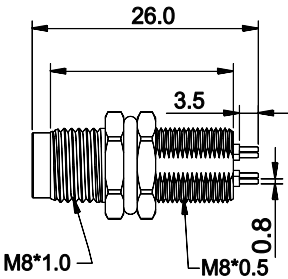
M8 Circular connectors

Male panel connector

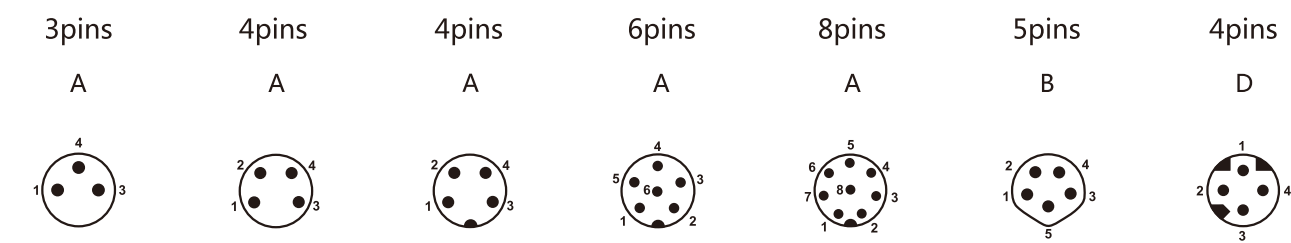
Product figure (rear fastened DIP)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	080103-03-002	PMM08BAM03002
4pins	A	080104-03-002	PMM08BAM04002
	A(fool-proof)	080104-03-010	PMM08BAM04006
	D	080404-03-002	PMM08BDM04002
5pins	B	080205-03-002	PMM08BBM05002
6pins	A	080106-03-002	PMM08BAM06002
8pins	A	080108-03-002	PMM08BAM08002

Specifications/技术参数

Number of contacts/芯数	3	4 A-coding	4 D-coding	5	6	8
Termination/接线方式	PCB/插板式					
Wire gauge/线规	—					
Operating temperature/工作温度	-25°C~+85°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	50V AC / 60V DC		60V	30V		
Rated current (40°C)/额定电流	3A		4A	3A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

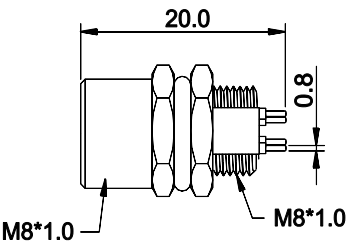
M8 Circular connectors

Female panel connector

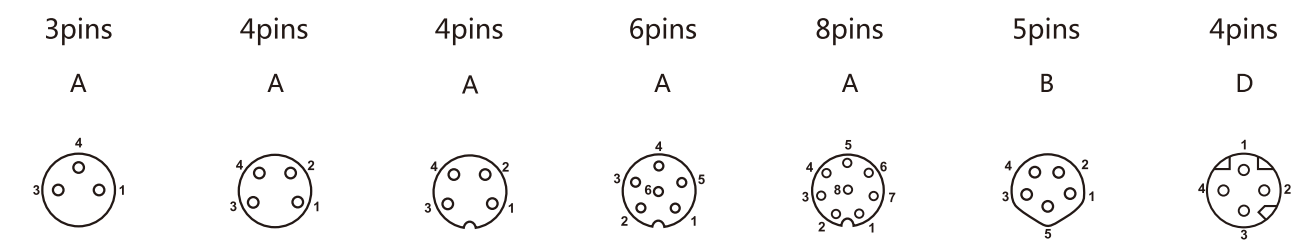
Product figure (M8*1.0 rear fastened DIP)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	080103-04-003	PMM08BAF03005
4pins	A	080104-04-003	PMM08BAF04005
	A(fool-proof)	080104-04-016	PMM08BAF04010
	D	080404-04-004	PMM08BDF04004
5pins	B	080205-04-003	PMM08BBF05005
6pins	A	080106-04-003	PMM08BAF06005
8pins	A	080108-04-003	PMM08BAF08005

Specifications/技术参数

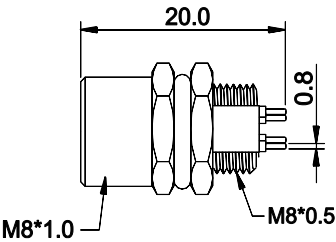
Number of contacts/芯数	3	4 A-coding	4 D-coding	5	6	8
Termination/接线方式	PCB/插板式					
Wire gauge/线规	—					
Operating temperature/工作温度	-25℃~+85℃					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	50V AC / 60V DC		60V	30V		
Rated current (40℃)/额定电流	3A		4A	3A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

M8 Circular connectors

Female panel connector

Product figure (M8*0.5 rear fastened DIP)

Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

A



4pins

A



4pins

A



6pins

A



8pins

A



5pins

B



4pins

D



Order data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	080103-04-022	PMM08BAF03007
4pins	A	080104-04-037	PMM08BAF04013
	A(fool-proof)	080104-04-038	PMM08BAF04014
	D	080504-04-005	PMM08BDF04005
5pins	B	080205-04-018	PMM08BBF05007
6pins	A	080106-04-015	PMM08BAF06007
8pins	A	080108-04-018	PMM08BAF08007

Specifications/技术参数

Number of contacts/芯数	3	4 A-coding	4 D-coding	5	6	8
Termination/接线方式	PCB/插板式					
Wire gauge/线规	—					
Operating temperature/工作温度	-25°C~+85°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	50V AC / 60V DC		60V	30V		
Rated current (40°C)/额定电流	3A		4A	3A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

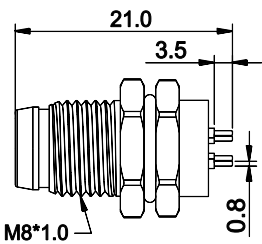
M8 Circular connectors

Male panel connector

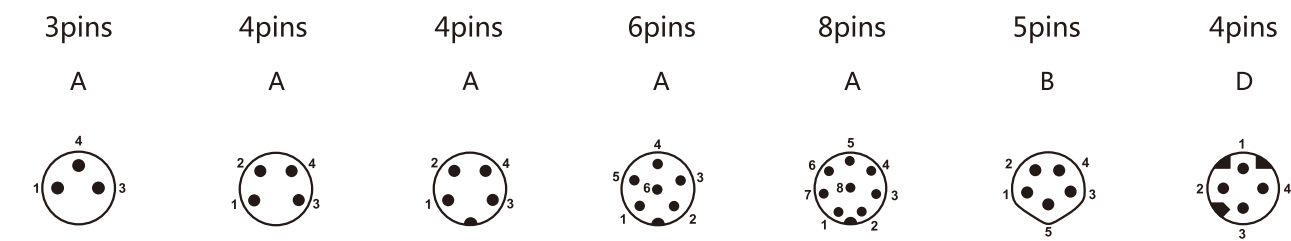
Product figure (front fastened DIP)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	080103-03-003	PMM08FAM03003
4pins	A	080104-03-003	PMM08FAM04003
	A(fool-proof)	080104-03-011	PMM08FAM04007
	D	080404-03-003	PMM08FDM04003
5pins	B	080205-03-003	PMM08FBM05003
6pins	A	080106-03-003	PMM08FAM06003
8pins	A	080108-03-003	PMM08FAM08003

Specifications/技术参数

Number of contacts/芯数	3	4 A-coding	4 D-coding	5	6	8
Termination/接线方式	PCB/插板式					
Wire gauge/线规	—					
Operating temperature/工作温度	-25℃~+85℃					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	50V AC / 60V DC		60V	30V		
Rated current (40℃)/额定电流	3A		4A	3A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

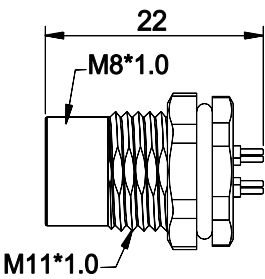
M8 Circular connectors

Female panel connector

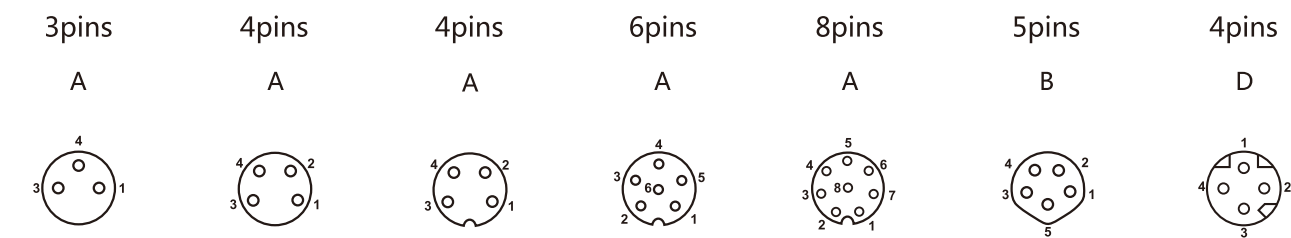
Product figure (front fastened DIP)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	080103-04-005	PMM08FAF03004
4pins	A	080104-04-005	PMM08FAF04004
	A(fool-proof)	080104-04-017	PMM08FAF04011
	D	080404-04-006	PMM08FDF04006
5pins	B	080205-04-005	PMM08FBF05004
6pins	A	080106-04-005	PMM08FAF06004
8pins	A	080108-04-005	PMM08FAF08004

Specifications/技术参数

Number of contacts/芯数	3	4 A-coding	4 D-coding	5	6	8
Termination/接线方式	PCB/插板式					
Wire gauge/线规	—					
Operating temperature/工作温度	-25℃~+85℃					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	50V AC / 60V DC		60V	30V		
Rated current (40℃)/额定电流	3A		4A	3A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

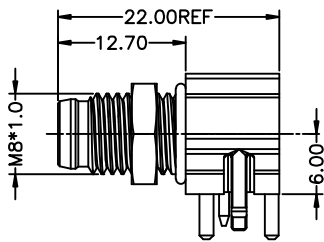
M8 Circular connectors

Male panel connector (90°)

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

4pins

5pins

A

A

B



Order data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	080103-03-004	PMM08FAM03004
4pins	A	080104-03-004	PMM08FAM04004
5pins	B	080205-03-006	PMM08FBM05004

Specifications/技术参数

Number of contacts/芯数	3	4	5
Termination/接线方式	PCB/插板式		
Wire gauge/线规	—		
Operating temperature/工作温度	-25°C~+85°C		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	50V AC / 60V DC		30V
Rated current (40°C)/额定电流	3A		
Protection degree/防护等级	IP67/IP68		
Contact resistance/接触电阻	< 10mΩ		
Insulation resistance/绝缘电阻	≥100MΩ		
Pin contact/插针材料	CuZn		
Socket contact/插孔材料	CuSn		
Contact plating/针孔镀层材料	Au		

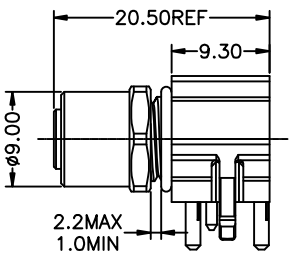
M8 Circular connectors

Female panel connector (90°)

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

A



4pins

A



5pins

B



Order data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	080103-04-007	PMM08FAF03006
4pins	A	080104-04-006	PMM08FAF04006
5pins	A	080205-04-008	PMM08FBF05006

Specifications/技术参数

Number of contacts/芯数	3	4	5
Termination/接线方式	PCB/插板式		
Wire gauge/线规	—		
Operating temperature/工作温度	-25°C ~ +85°C		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	50V AC / 60V DC		30V
Rated current (40°C)/额定电流	3A		
Protection degree/防护等级	IP67/IP68		
Contact resistance/接触电阻	< 10mΩ		
Insulation resistance/绝缘电阻	≥ 100MΩ		
Pin contact/插针材料	CuZn		
Socket contact/插孔材料	CuSn		
Contact plating/针孔镀层材料	Au		

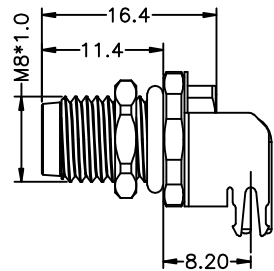
M8 Circular connectors

Male panel connector (90°)

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

A



4pins

A



5pins

B



6pins

A



8pins

A



Order data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	080103-03-013	—
4pins	A	080104-03-029	—
5pins	B	080205-03-021	—
6pins	A	080106-03-021	—
8pins	A	080108-03-019	—

Specifications/技术参数

Number of contacts/芯数	3	4	5	6	8
Termination/接线方式	PCB/插板式				
Wire gauge/线规	—				
Operating temperature/工作温度	-25℃~+80℃				
Mechanical operation/插拔次数	> 100 mating cycles				
Rated voltage/额定电压	50V AC / 60V DC		30V		
Rated current (40℃)/额定电流	3A			1.5A	
Protection degree/防护等级	IP67/IP68				
Contact resistance/接触电阻	< 10mΩ				
Insulation resistance/绝缘电阻	≥100MΩ				
Pin contact/插针材料	CuZn				
Socket contact/插孔材料	CuSn				
Contact plating/针孔镀层材料	Au				

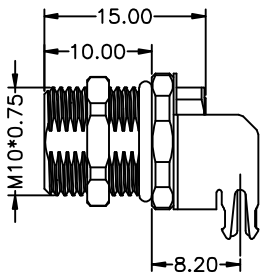
M8 Circular connectors

Female panel connector (90°)

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

A



4pins

A



5pins

B



6pins

A



8pins

A



Order data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	080103-04-020	—
4pins	A	080104-04-033	—
5pins	B	080205-04-026	—
6pins	A	080106-04-024	—
8pins	A	080108-04-040	—

Specifications/技术参数

Number of contacts/芯数	3	4	5	6	8
Termination/接线方式	PCB/插板式				
Wire gauge/线规	—				
Operating temperature/工作温度	-25°C ~ +80°C				
Mechanical operation/插拔次数	> 100 mating cycles				
Rated voltage/额定电压	50V AC / 60V DC		30V		
Rated current (40°C)/额定电流	3A			1.5A	
Protection degree/防护等级	IP67/IP68				
Contact resistance/接触电阻	< 10mΩ				
Insulation resistance/绝缘电阻	≥100MΩ				
Pin contact/插针材料	CuZn				
Socket contact/插孔材料	CuSn				
Contact plating/针孔镀层材料	Au				

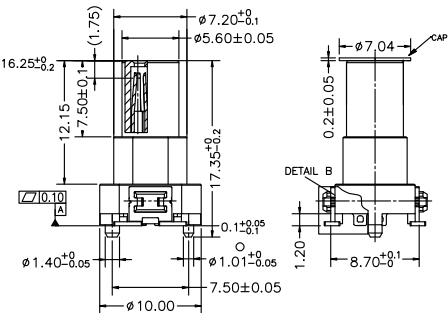
M8 Circular connectors

SMT connector

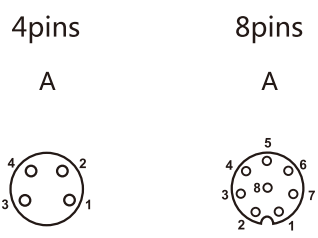
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	A	080103-04-033	—
8pins	A	080108-04-033	—

Specifications/技术参数

Number of contacts/芯数	4	8
Termination/接线方式	SMT/插板式	
Wire gauge/线规	—	
Operating temperature/工作温度	-25°C ~ +85°C	
Mechanical operation/插拔次数	> 100 mating cycles	
Rated voltage/额定电压	50V AC / 60V DC	30V
Rated current (40°C)/额定电流	3A	1.5A
Protection degree/防护等级	IP67	
Contact resistance/接触电阻	< 10mΩ	
Insulation resistance/绝缘电阻	≥100MΩ	
Pin contact/插针材料	CuZn	
Socket contact/插孔材料	CuSn	
Contact plating/针孔镀层材料	Au	

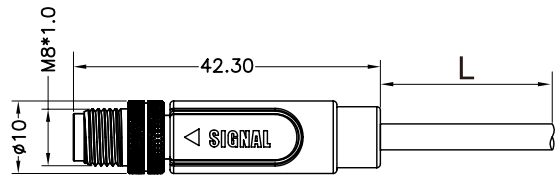
M8 Circular connectors

Male cable

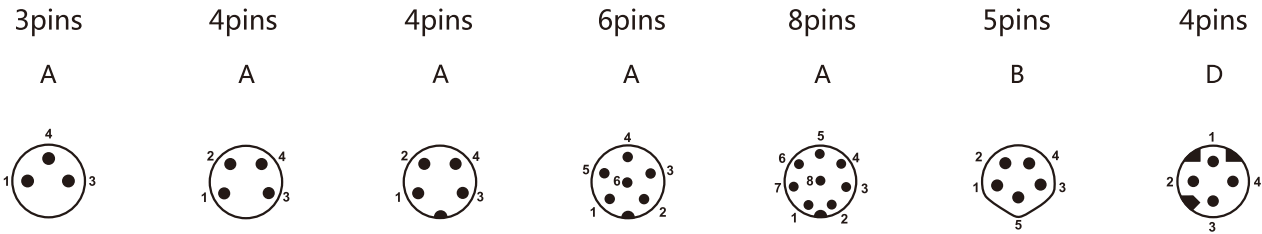
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	080103-05-002	CAM08SAM03001
4pins	A	080104-05-002	CAM08SAM04001
	A(fool-proof)	080104-05-008	CAM08SAM04005
	D	080404-05-001	CAM08SDM04001
5pins	B	080205-05-002	CAM08SBM05001
6pins	A	080106-05-002	CAM08SAM06001
8pins	A	080108-05-002	CAM08SAM08001

Specifications/技术参数

Number of contacts/芯数	3	4 A-coding	4 D-coding	5	6	8
Termination/接线方式	moulded on cable/成型线					
Wire gauge/线规	0.14/0.25/0.34 mm ² / (26/24/22 AWG)					
Operating temperature/工作温度	-25°C ~ +80°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	50V AC / 60V DC		60V	30V		
Rated current (40°C)/额定电流	3A		4A	3A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

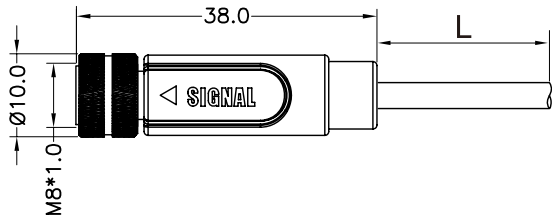
M8 Circular connectors

Female cable

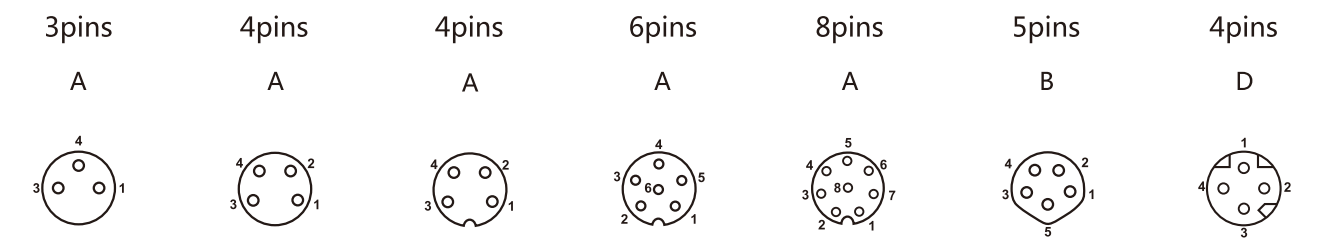
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	080103-06-003	CAM08SAF03001
4pins	A	080104-06-003	CAM08SAF04001
	A(fool-proof)	080104-06-015	CAM08SAF04004
	D	080404-06-001	CAM08SDF04001
5pins	B	080205-06-002	CAM08SBF05001
6pins	A	080106-06-002	CAM08SAF06001
8pins	A	080108-06-002	CAM08SAF08001

Specifications/技术参数

Number of contacts/芯数	3	4 A-coding	4 D-coding	5	6	8
Termination/接线方式	moulded on cable/成型线					
Wire gauge/线规	0.14/0.25/0.34 mm ² / (26/24/22 AWG)					
Operating temperature/工作温度	-25°C ~ +80°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	50V AC / 60V DC		60V	30V		
Rated current (40°C)/额定电流	3A		4A	3A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

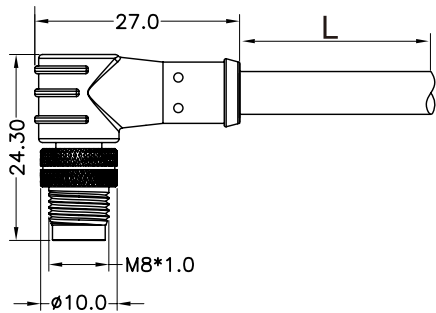
M8 Circular connectors

Male cable (90°)

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

A



4pins

A



4pins

A



6pins

A



8pins

A



5pins

B



4pins

D



Order data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	080103-05-001	CAM08RAM03002
4pins	A	080104-05-001	CAM08RAM04002
	A(fool-proof)	080104-05-009	CAM08RAM04006
	D	080404-05-002	CAM08RDM04002
5pins	B	080205-05-001	CAM08RBM05002
6pins	A	080106-05-001	CAM08RAM06002
8pins	A	080108-05-001	CAM08RAM08002

Specifications/技术参数

Number of contacts/芯数	3	4 A-coding	4 D-coding	5	6	8
Termination/接线方式	moulded on cable/成型线					
Wire gauge/线规	0.14/0.25/0.34 mm ² / (26/24/22 AWG)					
Operating temperature/工作温度	-25°C ~ +80°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	50V AC / 60V DC		60V	30V		
Rated current (40°C)/额定电流	3A		4A	3A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

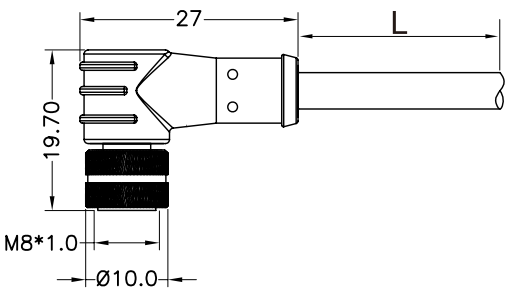
M8 Circular connectors

Female cable (90°)

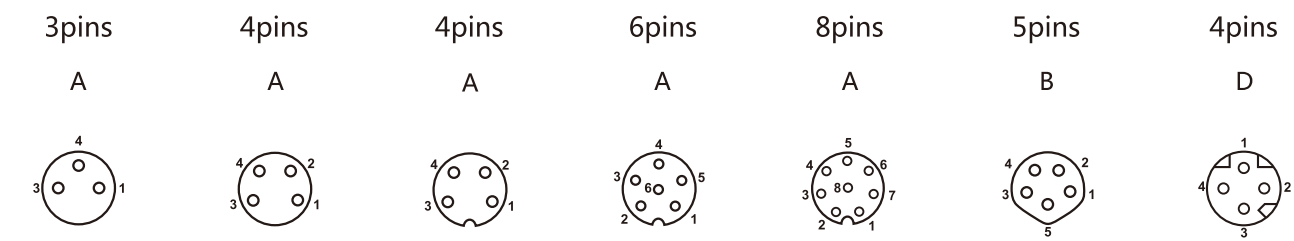
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	080103-06-001	CAM08RAF03002
4pins	A	080104-06-001	CAM08RAF04002
	A(fool-proof)	080104-06-016	CAM08RAF04005
	D	080404-06-002	CAM08RDF04002
5pins	B	080205-06-001	CAM08RBF05002
6pins	A	080106-06-001	CAM08RAF06002
8pins	A	080108-06-001	CAM08RAF08002

Specifications/技术参数

Number of contacts/芯数	3	4 A-coding	4 D-coding	5	6	8
Termination/接线方式	moulded on cable/成型线					
Wire gauge/线规	0.14/0.25/0.34 mm ² / (26/24/22 AWG)					
Operating temperature/工作温度	-25°C ~ +80°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	50V AC / 60V DC		60V	30V		
Rated current (40°C)/额定电流	3A		4A	3A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

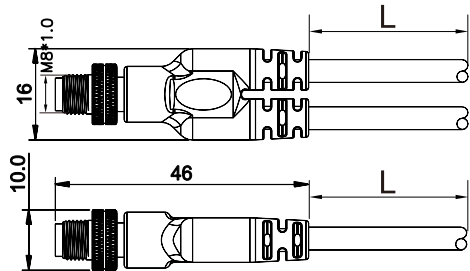
M8 Circular connectors

Male cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

A



4pins

A



4pins

A



5pins

B



Order data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	080103-30-001	CAM08SAM03003
4pins	A	080104-30-001	CAM08SAM04003
	A(fool-proof)	080104-30-003	CAM08SAM04007
5pins	B	080205-30-001	CAM08SBM05003

Specifications/技术参数

Number of contacts/芯数	3	4	5
Termination/接线方式	moulded on cable/成型线		
Wire gauge/线规	0.14/0.25/0.34 mm ² / (26/24/22 AWG)		
Operating temperature/工作温度	-25°C ~ +80°C		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	50V AC / 60V DC		30V
Rated current (40°C)/额定电流	3A		
Protection degree/防护等级	IP67/IP68		
Contact resistance/接触电阻	< 10mΩ		
Insulation resistance/绝缘电阻	≥100MΩ		
Pin contact/插针材料	CuZn		
Socket contact/插孔材料	CuSn		
Contact plating/针孔镀层材料	Au		

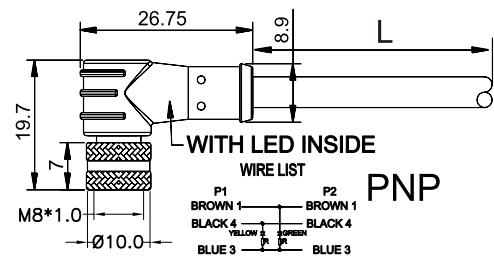
M8 Circular connectors

Female cable (with LED PNP)

Product figure



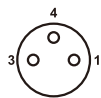
Scale diagram



Contact layout/针孔排布 (Front view/前视图)

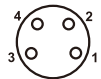
3pins

A



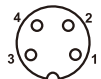
4pins

A



4pins

A



Order data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	080103-06-002	CAM08RAF03003
4pins	A	080104-06-002	CAM08RAF04003
	A(fool-proof)	080104-06-017	CAM08RAF04006

Specifications/技术参数

Number of contacts/芯数	3	4
Termination/接线方式	moulded on cable/成型线	
Wire gauge/线规	0.14/0.25/0.34 mm ² / (26/24/22 AWG)	
Operating temperature/工作温度	-25°C ~ +80°C	
Mechanical operation/插拔次数	> 100 mating cycles	
Rated voltage/额定电压	50V AC / 60V DC	
Rated current (40°C)/额定电流	3A	
Protection degree/防护等级	IP67/IP68	
Contact resistance/接触电阻	< 10mΩ	
Insulation resistance/绝缘电阻	≥100MΩ	
Pin contact/插针材料	CuZn	
Socket contact/插孔材料	CuSn	
Contact plating/针孔镀层材料	Au	

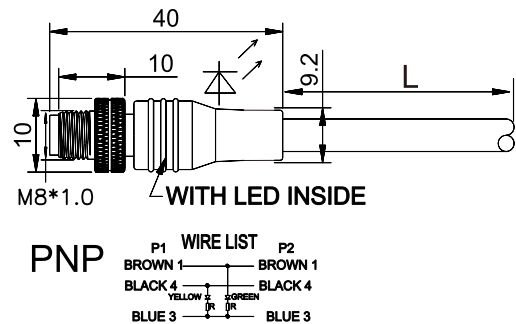
M8 Circular connectors

Male cable (with LED PNP)

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

4pins

4pins

A

A

A



Order data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	080103-05-003	CAM08SAM03004
4pins	A	080104-05-003	CAM08SAM04004
	A(fool-proof)	080104-05-010	CAM08SAM04007

Specifications/技术参数

Number of contacts/芯数	3	4
Termination/接线方式	moulded on cable/成型线	
Wire gauge/线规	0.14/0.25/0.34 mm ² / (26/24/22 AWG)	
Operating temperature/工作温度	-25°C ~ +80°C	
Mechanical operation/插拔次数	> 100 mating cycles	
Rated voltage/额定电压	50V AC / 60V DC	
Rated current (40°C)/额定电流	3A	
Protection degree/防护等级	IP67/IP68	
Contact resistance/接触电阻	< 10mΩ	
Insulation resistance/绝缘电阻	≥100MΩ	
Pin contact/插针材料	CuZn	
Socket contact/插孔材料	CuSn	
Contact plating/针孔镀层材料	Au	

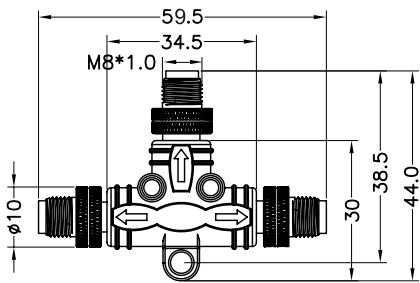
M8 Circular connectors

T-Splitter

Product figure (Male to Dual Male)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

A



4pins

A



4pins

A



5pins

B



Order data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	080103-10-001	SPM08TA03001
4pins	A	080104-10-001	SPM08TA04001
	A(fool-proof)	080104-10-007	SPM08TA04006
5pins	B	080205-10-001	SPM08TB05001

Specifications/技术参数

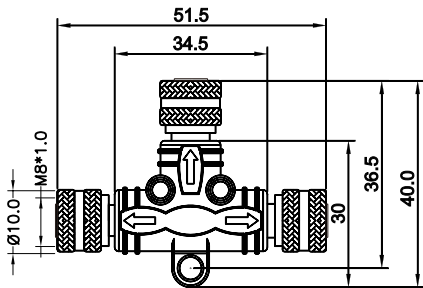
Number of contacts/芯数	3	4	5
Termination/接线方式	—		
Wire gauge/线规	—		
Operating temperature/工作温度	-25°C~+80°C		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	50V AC / 60V DC		30V
Rated current (40°C)/额定电流	3A		
Protection degree/防护等级	IP67/IP68		
Contact resistance/接触电阻	< 10mΩ		
Insulation resistance/绝缘电阻	≥100MΩ		
Pin contact/插针材料	CuZn		
Socket contact/插孔材料	CuSn		
Contact plating/针孔镀层材料	Au		

M8 Circular connectors

T-Splitter

Product figure (Female to Dual Female)

Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

4pins

4pins

5pins

A

A

A

B



Order data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	080103-10-002	SPM08TA03002
4pins	A	080104-10-002	SPM08TA04002
	A(fool-proof)	080104-10-008	SPM08TA04007
5pins	B	080205-10-002	SPM08TB05002

Specifications/技术参数

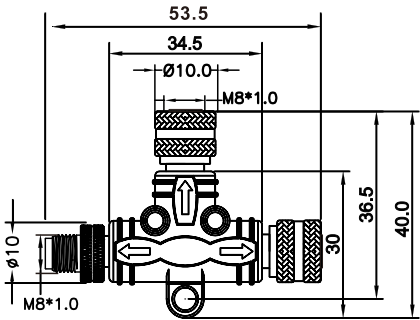
Number of contacts/芯数	3	4	5
Termination/接线方式	—		
Wire gauge/线规	—		
Operating temperature/工作温度	-25°C~+80°C		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	50V AC / 60V DC		30V
Rated current (40°C)/额定电流	3A		
Protection degree/防护等级	IP67/IP68		
Contact resistance/接触电阻	< 10mΩ		
Insulation resistance/绝缘电阻	≥100MΩ		
Pin contact/插针材料	CuZn		
Socket contact/插孔材料	CuSn		
Contact plating/针孔镀层材料	Au		

T-Splitter

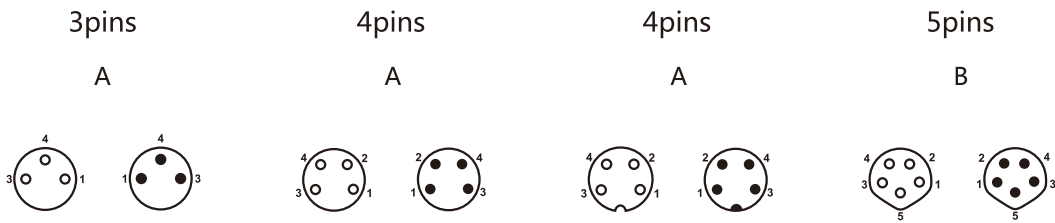
Product figure (Female to Male & Female)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	080103-10-006	SPM08TA03006
4pins	A	080104-10-013	SPM08TA04011
	A(fool-proof)	080104-10-014	SPM08TA04012
5pins	B	080205-10-006	SPM08TB05006

Specifications/技术参数

Number of contacts/芯数	3	4	5
Termination/接线方式	—		
Wire gauge/线规	—		
Operating temperature/工作温度	-25°C~+80°C		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	50V AC / 60V DC		30V
Rated current (40°C)/额定电流	3A		
Protection degree/防护等级	IP67/IP68		
Contact resistance/接触电阻	< 10mΩ		
Insulation resistance/绝缘电阻	≥100MΩ		
Pin contact/插针材料	CuZn		
Socket contact/插孔材料	CuSn		
Contact plating/针孔镀层材料	Au		

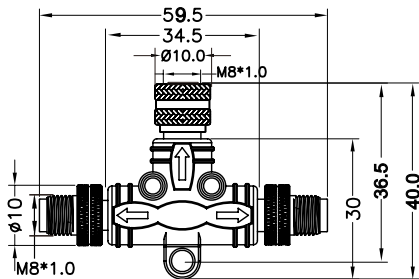
M8 Circular connectors

T-Splitter

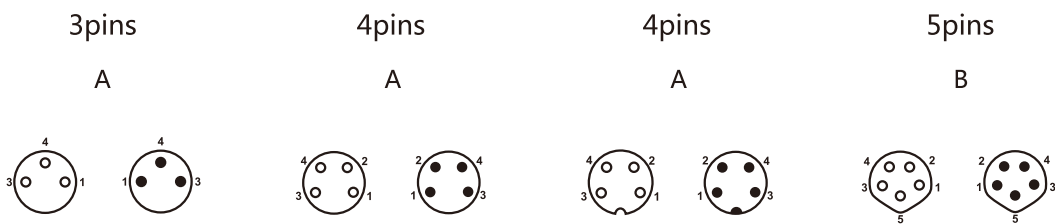
Product figure (Female to Dual Male)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	080103-10-004	SPM08TA03004
4pins	A	080104-10-005	SPM08TA04004
	A(fool-proof)	080104-10-010	SPM08TA04009
5pins	B	080205-10-004	SPM08TB05004

Specifications/技术参数

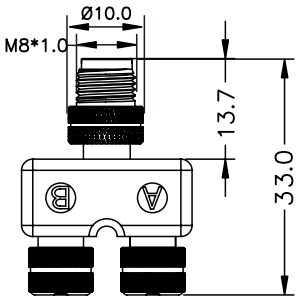
Number of contacts/芯数	3	4	5
Termination/接线方式	—		
Wire gauge/线规	—		
Operating temperature/工作温度	-25°C~+80°C		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	50V AC / 60V DC		30V
Rated current (40°C)/额定电流	3A		
Protection degree/防护等级	IP67/IP68		
Contact resistance/接触电阻	< 10mΩ		
Insulation resistance/绝缘电阻	≥100MΩ		
Pin contact/插针材料	CuZn		
Socket contact/插孔材料	CuSn		
Contact plating/针孔镀层材料	Au		

Y-Splitter

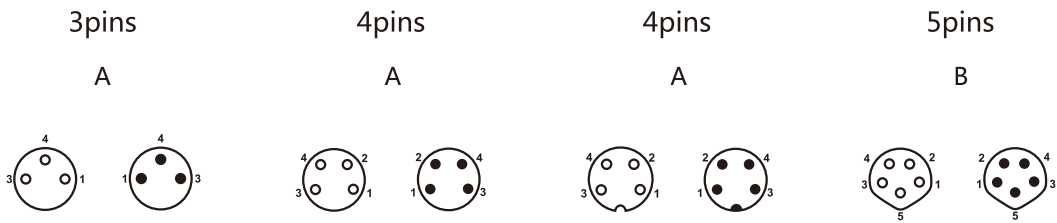
Product figure (Male to Dual Female)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	080103-10-005	SPM08TA03005
4pins	A	080104-10-006	SPM08TA04005
	A(fool-proof)	080104-10-011	SPM08TA04010
5pins	B	080205-10-005	SPM08TB05005

Specifications/技术参数

Number of contacts/芯数	3	4	5
Termination/接线方式	—		
Wire gauge/线规	—		
Operating temperature/工作温度	-25°C~+80°C		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	50V AC / 60V DC		30V
Rated current (40°C)/额定电流	3A		
Protection degree/防护等级	IP67/IP68		
Contact resistance/接触电阻	< 10mΩ		
Insulation resistance/绝缘电阻	≥100MΩ		
Pin contact/插针材料	CuZn		
Socket contact/插孔材料	CuSn		
Contact plating/针孔镀层材料	Au		

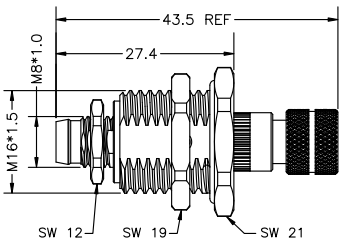
M8 Circular connectors

I-Splitter

Product figure (Male to Female)



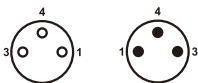
Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

A



Order data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	080103-10-008	—

Specifications/技术参数

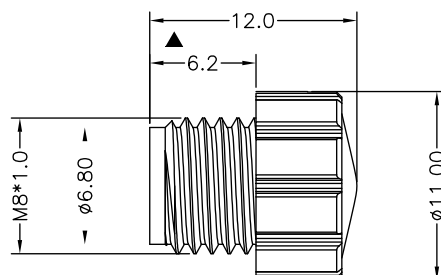
Number of contacts/芯数	3
Termination/接线方式	—
Wire gauge/线规	—
Operating temperature/工作温度	-25°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	3A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	< 10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

Protection cap for female connector

Product figure



Scale diagram



Order Data/订货信息

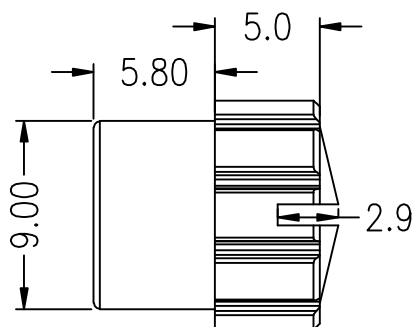
Order No/订货号	P/N/料号
080000-02-002	CN00680

Protection cap for Male connector

Product figure



Scale diagram



Order Data/订货信息

Order No/订货号	P/N/料号
080000-01-002	CN00672

M8 Automation Technology-Special-P-Coding

- M8 P-coding
- 4 contacts
- 24AWG/0.25mm² wire gauge
- -40°C-85°C temperature range
- 3A rated current
- 50V AC / 60V DC rated voltage
- IP67 degree of protection
- Cable assembly/Panel mount type
Field attachable type are available



M8 自动化技术特殊连接器 P型



- M8 P型
- 4 芯
- 22AWG/0.34mm² 线规
- -40°C-85°C 温度范围内
- 3A 额定电流
- 50V AC / 60V DC 额定电压
- IP67 防护等级
- 电缆组件/面板式/字段可连接类型

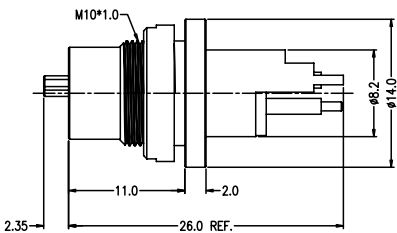
M8 Circular connectors

Female panel connector

Product figure (front fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins

P



Order data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	P	080904-04-005	PMM08FPF04005

Specifications/技术参数

Number of contacts/芯数	4
Termination/接线方式	PCB/插板式
Wire gauge/线规	—
Operating temperature/工作温度	-25°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	3A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	< 10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

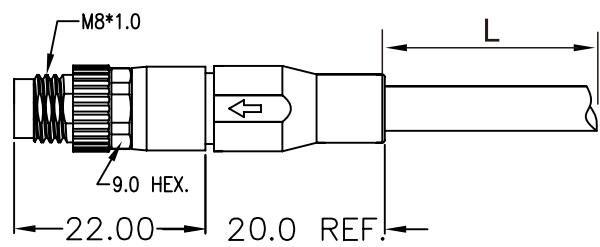
M8 Circular connectors

Male cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins

P



Order data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	P	080904-05-001	CAM08SPM04001

Specifications/技术参数

Number of contacts/芯数	4
Termination/接线方式	moulded on cable/成型线
Wire gauge/线规	0.25 mm ² / 24 AWG
Operating temperature/工作温度	-25°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	3A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	< 10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

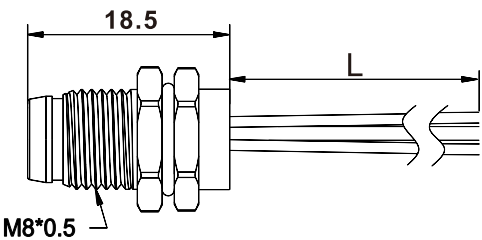
M8 Circular connectors

Male panel connector

Product figure(front fastened)



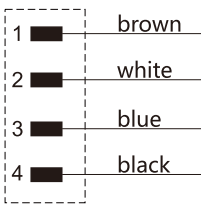
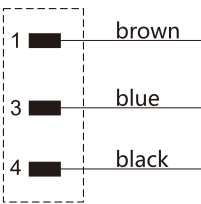
Scale diagram



Contact layout/针孔排布(Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC	TPE
0.1M	3pins	0.25mm ²	080103-03-911	080103-03-921
	4pins	0.25mm ²	080104-03-911	080104-03-921
0.2M	3pins	0.25mm ²	080103-03-912	080103-03-922
	4pins	0.25mm ²	080104-03-912	080104-03-922
0.5M	3pins	0.25mm ²	080103-03-913	080103-03-923
	4pins	0.25mm ²	080104-03-913	080104-03-923
1.0M	3pins	0.25mm ²	080103-03-914	080103-03-924
	4pins	0.25mm ²	080104-03-914	080104-03-924

Specification/技术参数

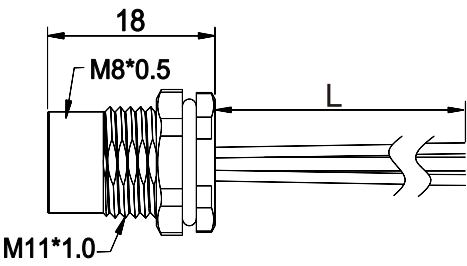
Number of contacts/芯数	3	4
Rated voltage/额定电压	50V AC / 60V DC	
Rated current (40°C)/额定电流	3A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	

Female panel connector

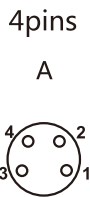
Product figure(front fastened)



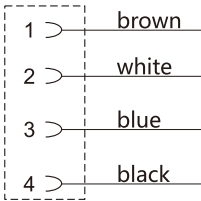
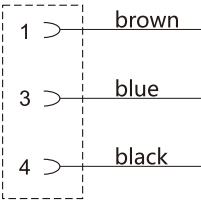
Scale diagram



Contact layout/针孔排布(Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC	TPE
0.1M	3pins	0.25mm ²	080103-04-911	080103-04-921
	4pins	0.25mm ²	080104-04-911	080104-04-921
0.2M	3pins	0.25mm ²	080103-04-912	080103-04-922
	4pins	0.25mm ²	080104-04-912	080104-04-922
0.5M	3pins	0.25mm ²	080103-04-913	080103-04-923
	4pins	0.25mm ²	080104-04-913	080104-04-923
1.0M	3pins	0.25mm ²	080103-04-914	080103-04-924
	4pins	0.25mm ²	080104-04-914	080104-04-924

Specification/技术参数

Number of contacts/芯数	3	4
Rated voltage/额定电压	50V AC / 60V DC	
Rated current (40°C)/额定电流	3A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	

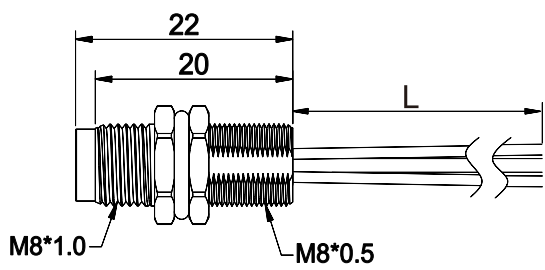
M8 Circular connectors

Male panel connector

Product figure(rear fastened)



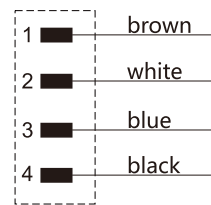
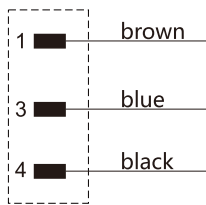
Scale diagram



Contact layout/针孔排布(Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC	TPE
0.1M	3pins	0.25mm ²	080103-03-811	080103-03-821
	4pins	0.25mm ²	080104-03-811	080104-03-821
0.2M	3pins	0.25mm ²	080103-03-812	080103-03-822
	4pins	0.25mm ²	080104-03-812	080104-03-822
0.5M	3pins	0.25mm ²	080103-03-813	080103-03-823
	4pins	0.25mm ²	080104-03-813	080104-03-823
1.0M	3pins	0.25mm ²	080103-03-814	080103-03-824
	4pins	0.25mm ²	080104-03-814	080104-03-824

Specification/技术参数

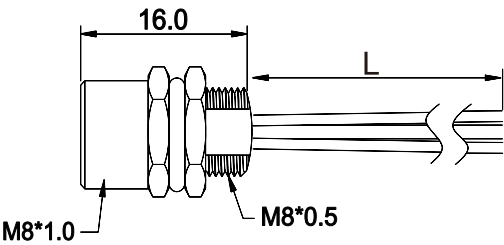
Number of contacts/芯数	3	4
Rated voltage/额定电压	50V AC / 60V DC	
Rated current (40°C)/额定电流	3A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	

Female panel connector

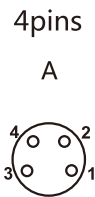
Product figure(rear fastened)



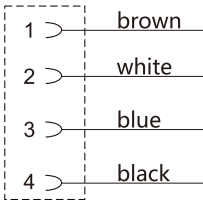
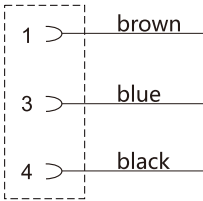
Scale diagram



Contact layout/针孔排布(Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC	TPE
0.1M	3pins	0.25mm ²	080103-04-811	080103-04-821
	4pins	0.25mm ²	080104-04-811	080104-04-821
0.2M	3pins	0.25mm ²	080103-04-812	080103-04-822
	4pins	0.25mm ²	080104-04-812	080104-04-822
0.5M	3pins	0.25mm ²	080103-04-813	080103-04-823
	4pins	0.25mm ²	080104-04-813	080104-04-823
1.0M	3pins	0.25mm ²	080103-04-814	080103-04-824
	4pins	0.25mm ²	080104-04-814	080104-04-824

Specification/技术参数

Number of contacts/芯数	3	4
Rated voltage/额定电压	50V AC / 60V DC	
Rated current (40°C)/额定电流	3A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	

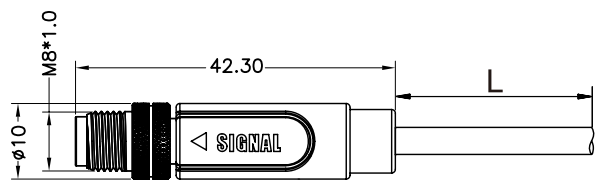
M8 Circular connectors

Male cable

Product figure



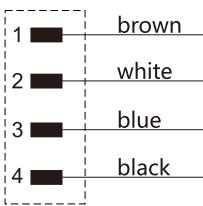
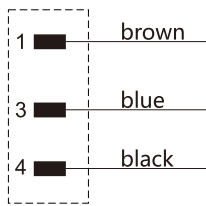
Scale diagram



Contact layout/针孔排布(Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
1.5M	3pins	0.25mm ²	080103-05-601	080103-05-641	080103-05-621	080103-05-661
	4pins	0.25mm ²	080104-05-601	080104-05-641	080104-05-621	080104-05-661
3.0M	3pins	0.25mm ²	080103-05-602	080103-05-642	080103-05-622	080103-05-662
	4pins	0.25mm ²	080104-05-602	080104-05-642	080104-05-622	080104-05-662
5.0M	3pins	0.25mm ²	080103-05-603	080103-05-643	080103-05-623	080103-05-663
	4pins	0.25mm ²	080104-05-603	080104-05-643	080104-05-623	080104-05-663
7.5M	3pins	0.25mm ²	080103-05-604	080103-05-644	080103-05-624	080103-05-664
	4pins	0.25mm ²	080104-05-604	080104-05-644	080104-05-624	080104-05-664
10M	3pins	0.25mm ²	080103-05-605	080103-05-645	080103-05-625	080103-05-665
	4pins	0.25mm ²	080104-05-605	080104-05-645	080104-05-625	080104-05-665

Specification/技术参数

Number of contacts/芯数	3	4
Rated voltage/额定电压	50V AC / 60V DC	
Rated current (40°C)/额定电流	3A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	
Cable OD /线材直径	4.6mm	4.6~5.0mm

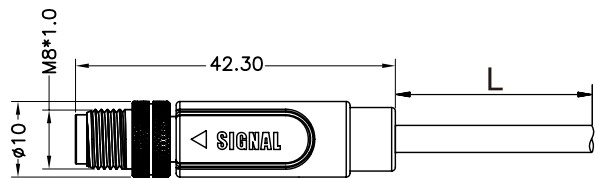
M8 Circular connectors

Male cable

Product figure



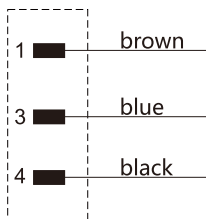
Scale diagram



Contact layout/针孔排布(Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR
			black/黑色
1.5M	3pins	0.34mm ²	080103-05-691
3.0M	3pins	0.34mm ²	080103-05-692
5.0M	3pins	0.34mm ²	080103-05-693
7.5M	3pins	0.34mm ²	080103-05-694
10M	3pins	0.34mm ²	080103-05-695

Specification/技术参数

Number of contacts/芯数	3
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	3A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD /线材直径	4.5~5.0mm

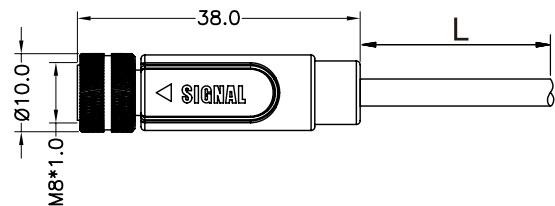
M8 Circular connectors

Female cable

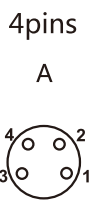
Product figure



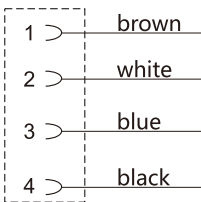
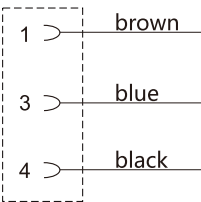
Scale diagram



Contact layout/针孔排布(Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
1.5M	3pins	0.25mm ²	080103-06-601	080103-06-641	080103-06-621	080103-06-661
	4pins	0.25mm ²	080104-06-601	080104-06-641	080104-06-621	080104-06-661
3.0M	3pins	0.25mm ²	080103-06-602	080103-06-642	080103-06-622	080103-06-662
	4pins	0.25mm ²	080104-06-602	080104-06-642	080104-06-622	080104-06-662
5.0M	3pins	0.25mm ²	080103-06-603	080103-06-643	080103-06-623	080103-06-663
	4pins	0.25mm ²	080104-06-603	080104-06-643	080104-06-623	080104-06-663
7.5M	3pins	0.25mm ²	080103-06-604	080103-06-644	080103-06-624	080103-06-664
	4pins	0.25mm ²	080104-06-604	080104-06-644	080104-06-624	080104-06-664
10M	3pins	0.25mm ²	080103-06-605	080103-06-645	080103-06-625	080103-06-665
	4pins	0.25mm ²	080104-06-605	080104-06-645	080104-06-625	080104-06-665

Specification/技术参数

Number of contacts/芯数	3	4
Rated voltage/额定电压	50V AC / 60V DC	
Rated current (40°C)/额定电流	3A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	
Cable OD /线材直径	4.6mm	4.6~5.0mm

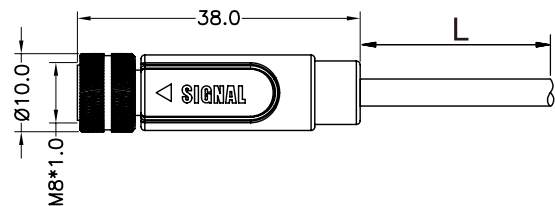
M8 Circular connectors

Female cable

Product figure



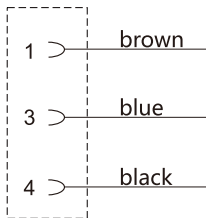
Scale diagram



Contact layout/针孔排布(Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC
			gray/灰色
1.5M	3pins	0.34mm ²	080103-05-691
3.0M	3pins	0.34mm ²	080103-05-692
5.0M	3pins	0.34mm ²	080103-05-693
7.5M	3pins	0.34mm ²	080103-05-694
10M	3pins	0.34mm ²	080103-05-695

Specification/技术参数

Number of contacts/芯数	3
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	3A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD /线材直径	4.5~5.0mm

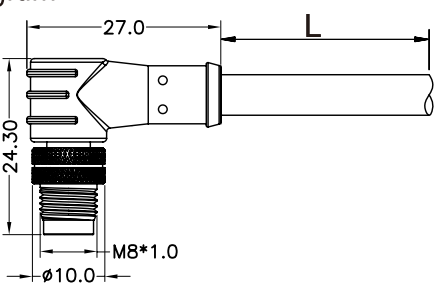
M8 Circular connectors

Male cable(90°)

Product figure



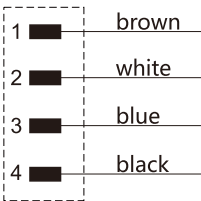
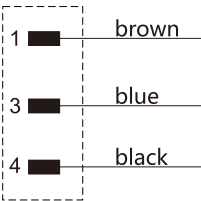
Scale diagram



Contact layout/针孔排布(Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
1.5M	3pins	0.25mm ²	080103-05-901	080103-05-941	080103-05-921	080103-05-961
	4pins	0.25mm ²	080104-05-901	080104-05-941	080104-05-921	080104-05-961
3.0M	3pins	0.25mm ²	080103-05-902	080103-05-942	080103-05-922	080103-05-962
	4pins	0.25mm ²	080104-05-902	080104-05-942	080104-05-922	080104-05-962
5.0M	3pins	0.25mm ²	080103-05-903	080103-05-943	080103-05-923	080103-05-963
	4pins	0.25mm ²	080104-05-903	080104-05-943	080104-05-923	080104-05-963
7.5M	3pins	0.25mm ²	080103-05-904	080103-05-944	080103-05-924	080103-05-964
	4pins	0.25mm ²	080104-05-904	080104-05-944	080104-05-924	080104-05-964
10M	3pins	0.25mm ²	080103-05-905	080103-05-945	080103-05-925	080103-05-965
	4pins	0.25mm ²	080104-05-905	080104-05-945	080104-05-925	080104-05-965

Specification/技术参数

Number of contacts/芯数	3	4
Rated voltage/额定电压	50V AC / 60V DC	
Rated current (40°C)/额定电流	3A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	
Cable OD /线材直径	4.6mm	4.6~5.0mm

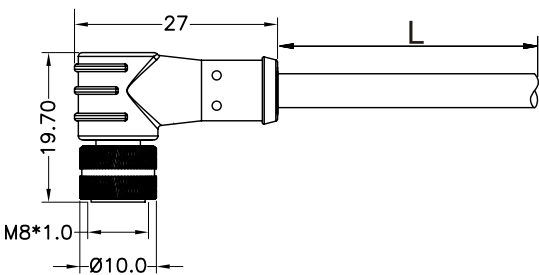
M8 Circular connectors

Female cable(90°)

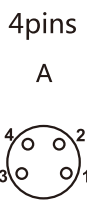
Product figure



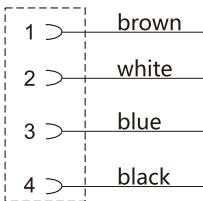
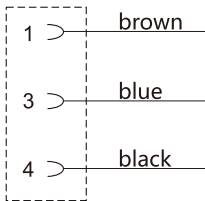
Scale diagram



Contact layout/针孔排布(Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
1.5M	3pins	0.25mm ²	080103-06-901	080103-06-941	080103-06-921	080103-06-961
	4pins	0.25mm ²	080104-06-901	080104-06-941	080104-06-921	080104-06-961
3.0M	3pins	0.25mm ²	080103-06-902	080103-06-942	080103-06-922	080103-06-962
	4pins	0.25mm ²	080104-06-902	080104-06-942	080104-06-922	080104-06-962
5.0M	3pins	0.25mm ²	080103-06-903	080103-06-943	080103-06-923	080103-06-963
	4pins	0.25mm ²	080104-06-903	080104-06-943	080104-06-923	080104-06-963
7.5M	3pins	0.25mm ²	080103-06-904	080103-06-944	080103-06-924	080103-06-964
	4pins	0.25mm ²	080104-06-904	080104-06-944	080104-06-924	080104-06-964
10M	3pins	0.25mm ²	080103-06-905	080103-06-945	080103-06-925	080103-06-965
	4pins	0.25mm ²	080104-06-905	080104-06-945	080104-06-925	080104-06-965

Specification/技术参数

Number of contacts/芯数	3	4
Rated voltage/额定电压	50V AC / 60V DC	
Rated current (40°C)/额定电流	3A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	
Cable OD /线材直径	4.6mm	4.6~5.0mm

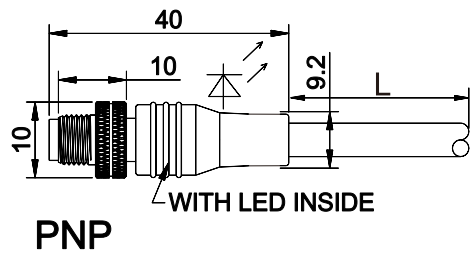
M8 Circular connectors

Male cable(with LED PNP)

Product figure



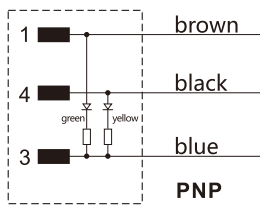
Scale diagram



Contact layout/针孔排布(Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	0.25mm ²
1.5M	3pins	080103-05-680
3.0M	3pins	080103-05-681
5.0M	3pins	080103-05-682
7.5M	3pins	080103-05-683
10M	3pins	080103-05-684

Specification/技术参数

Number of contacts/芯数	3
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	3A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD /线材直径	4.6mm

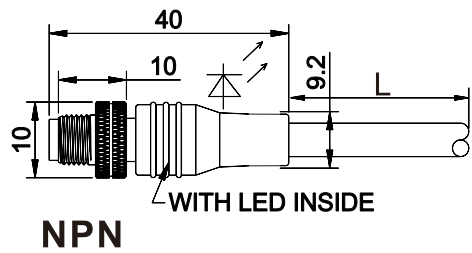
M8 Circular connectors

Male cable(with LED NPN)

Product figure



Scale diagram

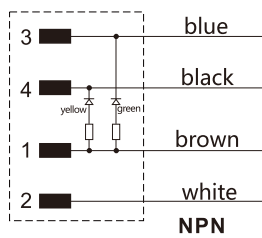


Contact layout/针孔排布(Front view/前视图)

4pins
A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	0.25mm ²
1.5M	4pins	080104-05-680
3.0M	4pins	080104-05-681
5.0M	4pins	080104-05-682
7.5M	4pins	080104-05-683
10M	4pins	080104-05-684

Specification/技术参数

Number of contacts/芯数	4
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	3A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD /线材直径	4.6~5.0mm

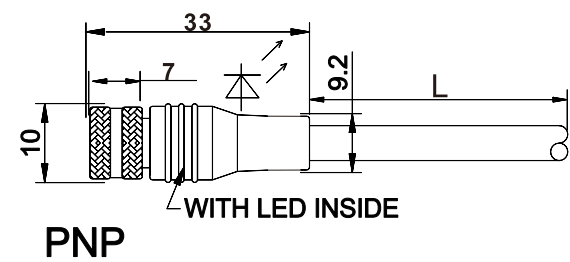
M8 Circular connectors

Female cable(with LED PNP)

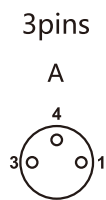
Product figure



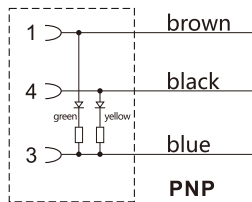
Scale diagram



Contact layout/针孔排布(Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	0.25mm ²
1.5M	3pins	080103-06-680
3.0M	3pins	080103-06-681
5.0M	3pins	080103-06-682
7.5M	3pins	080103-06-683
10M	3pins	080103-06-684

Specification/技术参数

Number of contacts/芯数	3
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	3A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD /线材直径	4.6mm

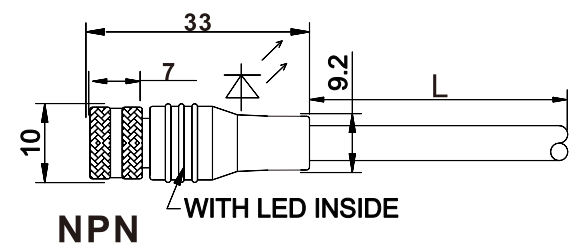
M8 Circular connectors

Female cable(with LED NPN)

Product figure



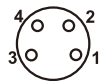
Scale diagram



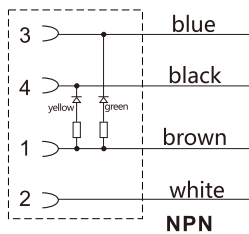
Contact layout/针孔排布(Front view/前视图)

4pins

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	0.25mm ²
1.5M	4pins	080104-06-680
3.0M	4pins	080104-06-681
5.0M	4pins	080104-06-682
7.5M	4pins	080104-06-683
10M	4pins	080104-06-684

Specification/技术参数

Number of contacts/芯数	4
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	3A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD /线材直径	4.6~5.0mm

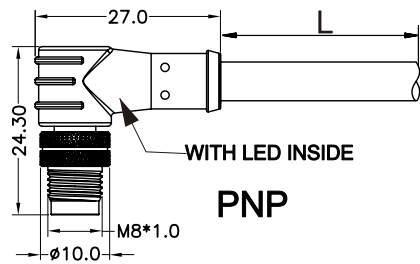
M8 Circular connectors

Male cable(90° with LED PNP)

Product figure



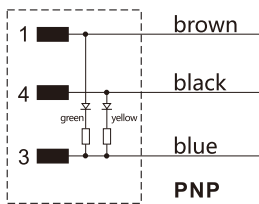
Scale diagram



Contact layout/针孔排布(Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	0.25mm ²
1.5M	3pins	080103-05-980
3.0M	3pins	080103-05-981
5.0M	3pins	080103-05-982
7.5M	3pins	080103-05-983
10M	3pins	080103-05-984

Specification/技术参数

Number of contacts/芯数	3
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	3A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD /线材直径	4.6mm

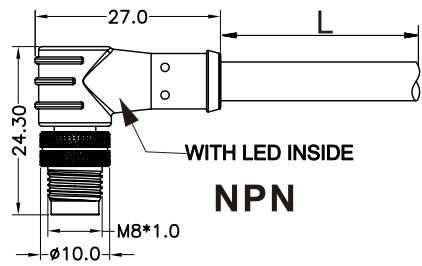
M8 Circular connectors

Male cable(90° with LED NPN)

Product figure



Scale diagram



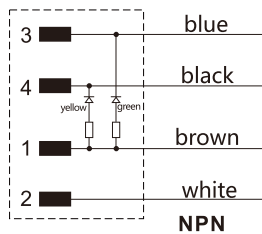
Contact layout/针孔排布(Front view/前视图)

4pins

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	0.25mm ²
1.5M	4pins	080104-05-980
3.0M	4pins	080104-05-981
5.0M	4pins	080104-05-982
7.5M	4pins	080104-05-983
10M	4pins	080104-05-984

Specification/技术参数

Number of contacts/芯数	4
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	3A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD /线材直径	4.6~5.0mm

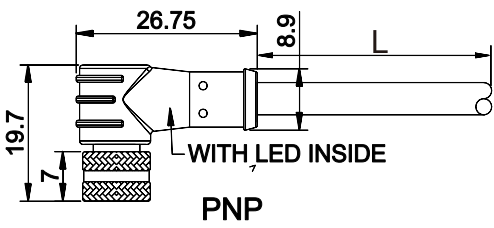
M8 Circular connectors

Female cable(90° with LED PNP)

Product figure



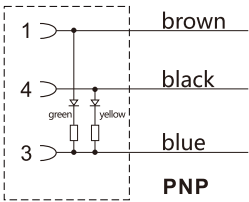
Scale diagram



Contact layout/针孔排布(Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	0.25mm ²
1.5M	3pins	080103-06-980
3.0M	3pins	080103-06-981
5.0M	3pins	080103-06-982
7.5M	3pins	080103-06-983
10M	3pins	080103-06-984

Specification/技术参数

Number of contacts/芯数	3
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	3A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD /线材直径	4.6mm

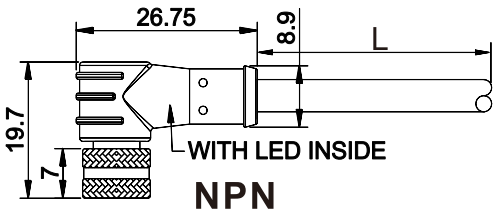
M8 Circular connectors

Female cable(90° with LED NPN)

Product figure



Scale diagram



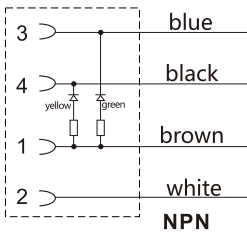
Contact layout/针孔排布(Front view/前视图)

4pins

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	0.25mm ²
1.5M	4pins	080104-06-980
3.0M	4pins	080104-06-981
5.0M	4pins	080104-06-982
7.5M	4pins	080104-06-983
10M	4pins	080104-06-984

Specification/技术参数

Number of contacts/芯数	4
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	3A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD /线材直径	4.6~5.0mm

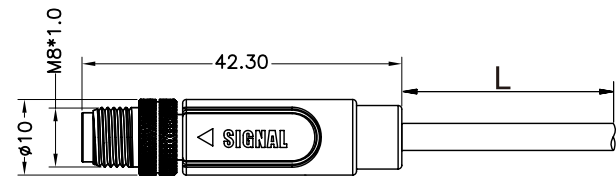
M8 Circular connectors

Male cable(with shield)

Product figure



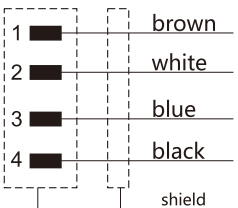
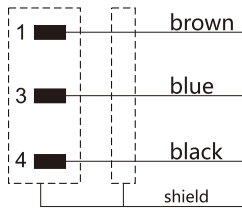
Scale diagram



Contact layout/针孔排布(Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC+AEB		PUR+AEB	
			black/黑色	gray/灰色	black/黑色	gray/灰色
1.5M	3pins	0.25mm ²	080103-05-611	080103-05-651	080103-05-631	080103-05-671
	4pins	0.25mm ²	080104-05-611	080104-05-651	080104-05-631	080104-05-671
3.0M	3pins	0.25mm ²	080103-05-612	080103-05-652	080103-05-632	080103-05-672
	4pins	0.25mm ²	080104-05-612	080104-05-652	080104-05-632	080104-05-672
5.0M	3pins	0.25mm ²	080103-05-613	080103-05-653	080103-05-633	080103-05-673
	4pins	0.25mm ²	080104-05-613	080104-05-653	080104-05-633	080104-05-673
7.5M	3pins	0.25mm ²	080103-05-614	080103-05-654	080103-05-634	080103-05-674
	4pins	0.25mm ²	080104-05-614	080104-05-654	080104-05-634	080104-05-674
10M	3pins	0.25mm ²	080103-05-615	080103-05-655	080103-05-635	080103-05-675
	4pins	0.25mm ²	080104-05-615	080104-05-655	080104-05-635	080104-05-675

Specification/技术参数

Number of contacts/芯数	3	4
Rated voltage/额定电压	50V AC / 60V DC	
Rated current (40°C)/额定电流	3A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	
Cable OD /线材直径	4.6mm	4.6~5.0mm

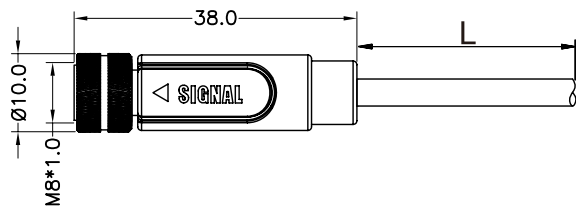
M8 Circular connectors

Female cable(with shield)

Product figure



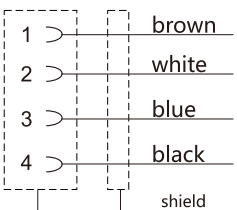
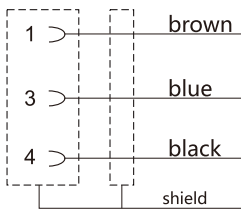
Scale diagram



Contact layout/针孔排布(Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC+AEB		PUR+AEB	
			black/黑色	gray/灰色	black/黑色	gray/灰色
1.5M	3pins	0.25mm ²	080103-06-611	080103-06-651	080103-06-631	080103-06-671
	4pins	0.25mm ²	080104-06-611	080104-06-651	080104-06-631	080104-06-671
3.0M	3pins	0.25mm ²	080103-06-612	080103-06-652	080103-06-632	080103-06-672
	4pins	0.25mm ²	080104-06-612	080104-06-652	080104-06-632	080104-06-672
5.0M	3pins	0.25mm ²	080103-06-613	080103-06-653	080103-06-633	080103-06-673
	4pins	0.25mm ²	080104-06-613	080104-06-653	080104-06-633	080104-06-673
7.5M	3pins	0.25mm ²	080103-06-614	080103-06-654	080103-06-634	080103-06-674
	4pins	0.25mm ²	080104-06-614	080104-06-654	080104-06-634	080104-06-674
10M	3pins	0.25mm ²	080103-06-615	080103-06-655	080103-06-635	080103-06-675
	4pins	0.25mm ²	080104-06-615	080104-06-655	080104-06-635	080104-06-675

Specification/技术参数

Number of contacts/芯数	3	4
Rated voltage/额定电压	50V AC / 60V DC	
Rated current (40°C)/额定电流	3A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	
Cable OD /线材直径	4.6mm	4.6~5.0mm

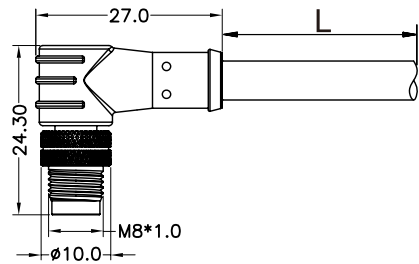
M8 Circular connectors

Male cable(90° with shield)

Product figure



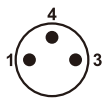
Scale diagram



Contact layout/针孔排布(Front view/前视图)

3pins

A

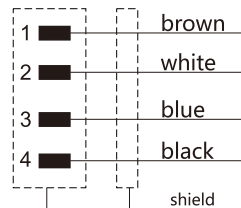
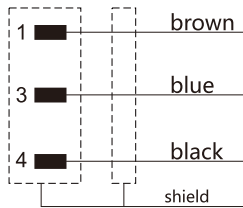


4pins

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC+AEB		PUR+AEB	
			black/黑色	gray/灰色	black/黑色	gray/灰色
1.5M	3pins	0.25mm ²	080103-05-911	080103-05-951	080103-05-931	080103-05-971
	4pins	0.25mm ²	080104-05-911	080104-05-951	080104-05-931	080104-05-971
3.0M	3pins	0.25mm ²	080103-05-912	080103-05-952	080103-05-932	080103-05-972
	4pins	0.25mm ²	080104-05-912	080104-05-952	080104-05-932	080104-05-972
5.0M	3pins	0.25mm ²	080103-05-913	080103-05-953	080103-05-933	080103-05-973
	4pins	0.25mm ²	080104-05-913	080104-05-953	080104-05-933	080104-05-973
7.5M	3pins	0.25mm ²	080103-05-914	080103-05-954	080103-05-934	080103-05-974
	4pins	0.25mm ²	080104-05-914	080104-05-954	080104-05-934	080104-05-974
10M	3pins	0.25mm ²	080103-05-915	080103-05-955	080103-05-935	080103-05-975
	4pins	0.25mm ²	080104-05-915	080104-05-955	080104-05-935	080104-05-975

Specification/技术参数

Number of contacts/芯数	3	4
Rated voltage/额定电压	50V AC / 60V DC	
Rated current (40°C)/额定电流	3A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	
Cable OD /线材直径	4.6mm	4.6~5.0mm

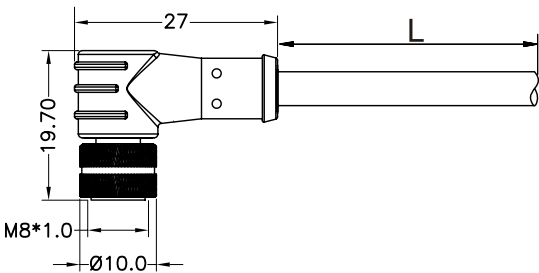
M8 Circular connectors

Female cable(90° with shield)

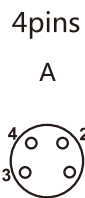
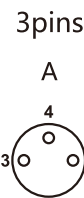
Product figure



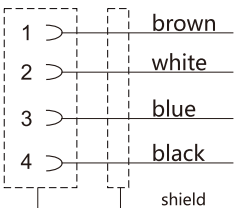
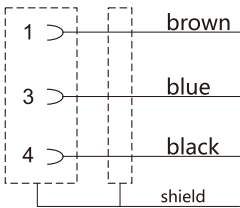
Scale diagram



Contact layout/针孔排布(Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC+AEB		PUR+AEB	
			black/黑色	gray/灰色	black/黑色	gray/灰色
1.5M	3pins	0.25mm ²	080103-06-911	080103-06-951	080103-06-931	080103-06-971
	4pins	0.25mm ²	080104-06-911	080104-06-951	080104-06-931	080104-06-971
3.0M	3pins	0.25mm ²	080103-06-912	080103-06-952	080103-06-932	080103-06-972
	4pins	0.25mm ²	080104-06-912	080104-06-952	080104-06-932	080104-06-972
5.0M	3pins	0.25mm ²	080103-06-913	080103-06-953	080103-06-933	080103-06-973
	4pins	0.25mm ²	080104-06-913	080104-06-953	080104-06-933	080104-06-973
7.5M	3pins	0.25mm ²	080103-06-914	080103-06-954	080103-06-934	080103-06-974
	4pins	0.25mm ²	080104-06-914	080104-06-954	080104-06-934	080104-06-974
10M	3pins	0.25mm ²	080103-06-915	080103-06-955	080103-06-935	080103-06-975
	4pins	0.25mm ²	080104-06-915	080104-06-955	080104-06-935	080104-06-975

Specification/技术参数

Number of contacts/芯数	3	4
Rated voltage/额定电压	50V AC / 60V DC	
Rated current (40°C)/额定电流	3A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	
Cable OD /线材直径	4.6mm	4.6~5.0mm

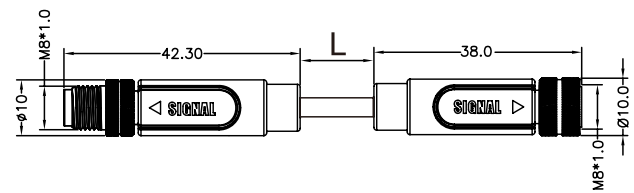
M8 Circular connectors

Male to female cable

Product figure(M8-M8)



Scale diagram



Contact layout/针孔排布(Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	3pins	0.25mm ²	080103-56-601	080103-56-641	080103-56-621	080103-56-661
	4pins	0.25mm ²	080104-56-601	080104-56-641	080104-56-621	080104-56-661
0.6M	3pins	0.25mm ²	080103-56-602	080103-56-642	080103-56-622	080103-56-662
	4pins	0.25mm ²	080104-56-602	080104-56-642	080104-56-622	080104-56-662
1.0M	3pins	0.25mm ²	080103-56-603	080103-56-643	080103-56-623	080103-56-663
	4pins	0.25mm ²	080104-56-603	080104-56-643	080104-56-623	080104-56-663
2.0M	3pins	0.25mm ²	080103-56-604	080103-56-644	080103-56-624	080103-56-664
	4pins	0.25mm ²	080104-56-604	080104-56-644	080104-56-624	080104-56-664

Specification/技术参数

Number of contacts/芯数	3	4
Rated voltage/额定电压	50V AC / 60V DC	
Rated current (40°C)/额定电流	3A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	
Cable OD /线材直径	4.6mm	4.6~5.0mm

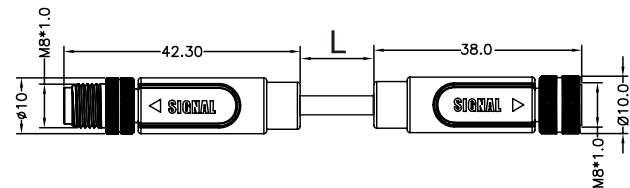
M8 Circular connectors

Male to female cable

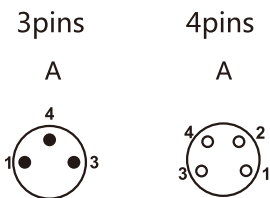
Product figure(M8-M8)



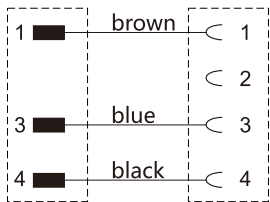
Scale diagram



Contact layout/针孔排布(Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	3-4pins	0.25mm ²	080134-56-601	080134-56-641	080134-56-621	080134-56-661
0.6M	3-4pins	0.25mm ²	080134-56-602	080134-56-642	080134-56-622	080134-56-662
1.0M	3-4pins	0.25mm ²	080134-56-603	080134-56-643	080134-56-623	080134-56-663
2.0M	3-4pins	0.25mm ²	080134-56-604	080134-56-644	080134-56-624	080134-56-664

Specification/技术参数

Number of contacts/芯数	3-4
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	3A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD /线材直径	4.6~5.0mm

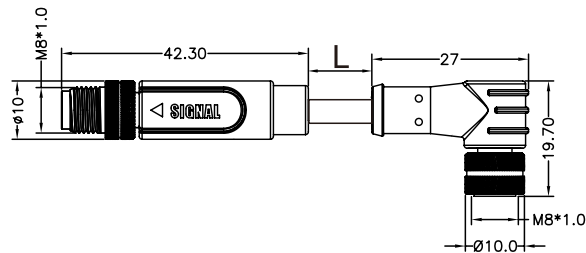
M8 Circular connectors

Male to R/A female cable

Product figure(M8-M8)



Scale diagram



Contact layout/针孔排布(Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	3pins	0.25mm ²	080103-56-701	080103-56-741	080103-56-721	080103-56-761
	4pins	0.25mm ²	080104-56-701	080104-56-741	080104-56-721	080104-56-761
0.6M	3pins	0.25mm ²	080103-56-702	080103-56-742	080103-56-722	080103-56-762
	4pins	0.25mm ²	080104-56-702	080104-56-742	080104-56-722	080104-56-762
1.0M	3pins	0.25mm ²	080103-56-703	080103-56-743	080103-56-723	080103-56-763
	4pins	0.25mm ²	080104-56-703	080104-56-743	080104-56-723	080104-56-763
2.0M	3pins	0.25mm ²	080103-56-704	080103-56-744	080103-56-724	080103-56-764
	4pins	0.25mm ²	080104-56-704	080104-56-744	080104-56-724	080104-56-764

Specification/技术参数

Number of contacts/芯数	3	4
Rated voltage/额定电压	50V AC / 60V DC	
Rated current (40°C)/额定电流	3A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	
Cable OD /线材直径	4.6mm	4.6~5.0mm

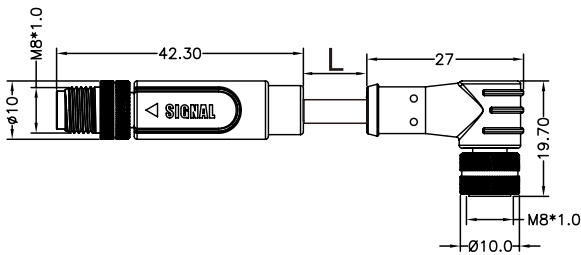
M8 Circular connectors

Male to R/A female cable

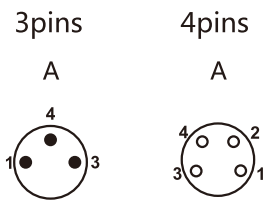
Product figure(M8-M8)



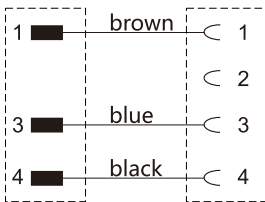
Scale diagram



Contact layout/针孔排布(Front view/前视图)



Circuit diagram/电路图

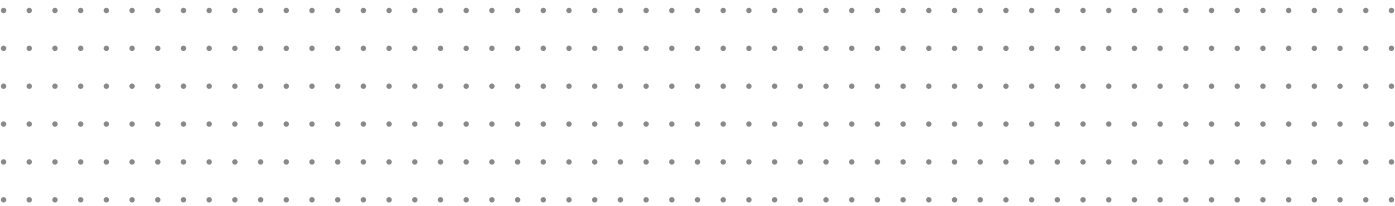


Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	3-4pins	0.25mm ²	080134-56-701	080134-56-741	080134-56-721	080134-56-761
0.6M	3-4pins	0.25mm ²	080134-56-702	080134-56-742	080134-56-722	080134-56-762
1.0M	3-4pins	0.25mm ²	080134-56-703	080134-56-743	080134-56-723	080134-56-763
2.0M	3-4pins	0.25mm ²	080134-56-704	080134-56-744	080134-56-724	080134-56-764

Specification/技术参数

Number of contacts/芯数	3-4
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	3A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD /线材直径	4.6~5.0mm



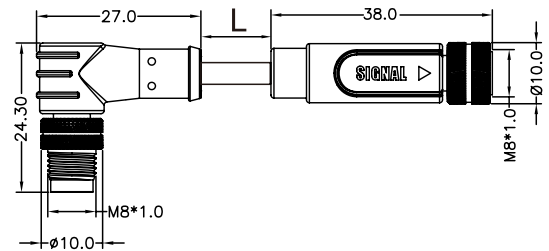
M8 Circular connectors

R/A male to female cable

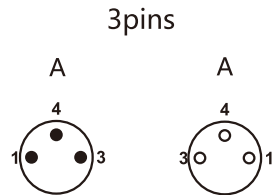
Product figure(M8-M8)



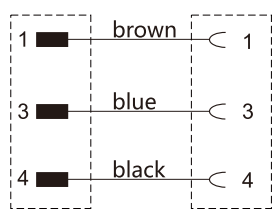
Scale diagram



Contact layout/针孔排布(Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	3pins	0.25mm ²	080103-56-801	080103-56-841	080103-56-821	080103-56-861
0.6M	3pins	0.25mm ²	080103-56-802	080103-56-842	080103-56-822	080103-56-862
1.0M	3pins	0.25mm ²	080103-56-803	080103-56-843	080103-56-823	080103-56-863
2.0M	3pins	0.25mm ²	080103-56-804	080103-56-844	080103-56-824	080103-56-864

Specification/技术参数

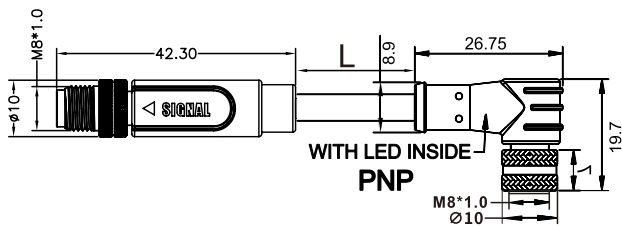
Number of contacts/芯数	3
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	3A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD /线材直径	4.6mm

Male to R/A female cable(with LED PNP)

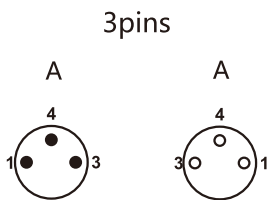
Product figure(M8-M8)



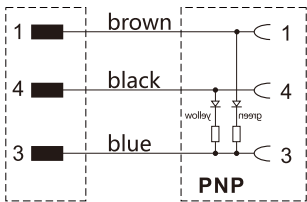
Scale diagram



Contact layout/针孔排布(Front view/前视图)



Circuit diagram/电路图

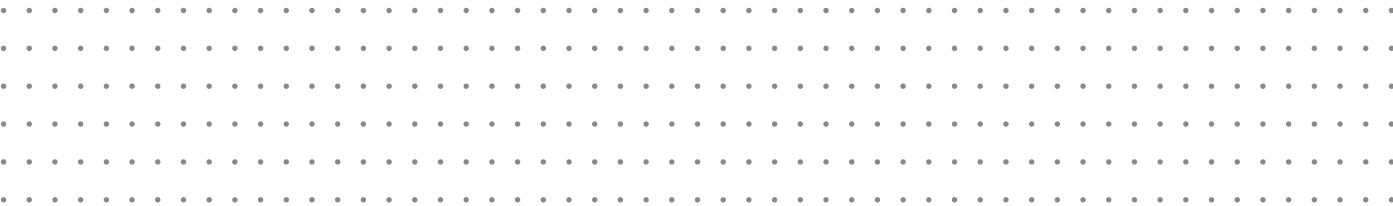


Order No/订货号

Cable length 线材长度	Contacts 芯数	0.25mm ²
0.3M	3pins	080103-56-780
0.6M	3pins	080103-56-781
1.0M	3pins	080103-56-782
2.0M	3pins	080103-56-783

Specification/技术参数

Number of contacts/芯数	3
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	3A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD /线材直径	4.6mm



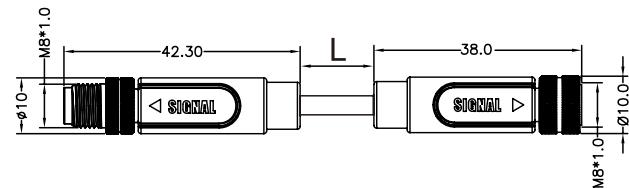
M8 Circular connectors

Male to female cable(with shield)

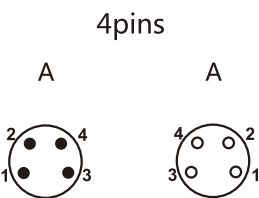
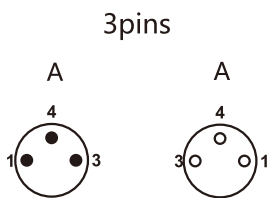
Product figure(M8-M8)



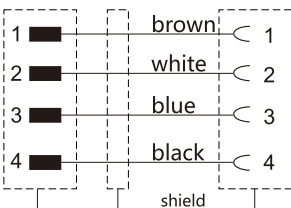
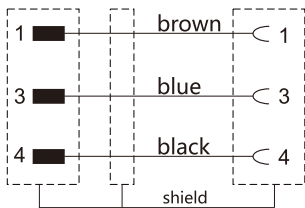
Scale diagram



Contact layout/针孔排布(Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC+AEB		PUR+AEB	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	3pins	0.25mm ²	080103-56-611	080103-56-651	080103-56-631	080103-56-671
	4pins	0.25mm ²	080104-56-611	080104-56-651	080104-56-631	080104-56-671
0.6M	3pins	0.25mm ²	080103-56-612	080103-56-652	080103-56-632	080103-56-672
	4pins	0.25mm ²	080104-56-612	080104-56-652	080104-56-632	080104-56-672
1.0M	3pins	0.25mm ²	080103-56-613	080103-56-653	080103-56-633	080103-56-673
	4pins	0.25mm ²	080104-56-613	080104-56-653	080104-56-633	080104-56-673
2.0M	3pins	0.25mm ²	080103-56-614	080103-56-654	080103-56-634	080103-56-674
	4pins	0.25mm ²	080104-56-614	080104-56-654	080104-56-634	080104-56-674

Specification/技术参数

Number of contacts/芯数	3	4
Rated voltage/额定电压	50V AC / 60V DC	
Rated current (40°C)/额定电流	3A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	
Cable OD /线材直径	4.6mm	4.6~5.0mm

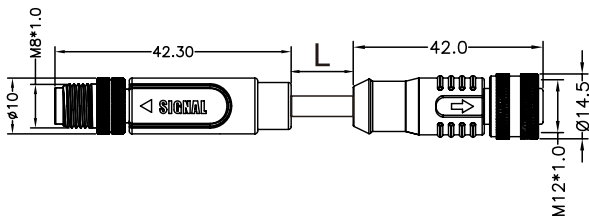
M8 Circular connectors

Male to female cable

Product figure(M8-M12)



Scale diagram



Contact layout/针孔排布(Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	3pins	0.25mm ²	820103-56-601	820103-56-641	820103-56-621	820103-56-661
	4pins	0.25mm ²	820104-56-601	820104-56-641	820104-56-621	820104-56-661
0.6M	3pins	0.25mm ²	820103-56-602	820103-56-642	820103-56-622	820103-56-662
	4pins	0.25mm ²	820104-56-602	820104-56-642	820104-56-622	820104-56-662
1.0M	3pins	0.25mm ²	820103-56-603	820103-56-643	820103-56-623	820103-56-663
	4pins	0.25mm ²	820104-56-603	820104-56-643	820104-56-623	820104-56-663
2.0M	3pins	0.25mm ²	820103-56-604	820103-56-644	820103-56-624	820103-56-664
	4pins	0.25mm ²	820104-56-604	820104-56-644	820104-56-624	820104-56-664

Specification/技术参数

Number of contacts/芯数	3	4
Rated voltage/额定电压	50V AC / 60V DC	
Rated current (40°C)/额定电流	3A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	
Cable OD /线材直径	4.6mm	4.6~5.0mm

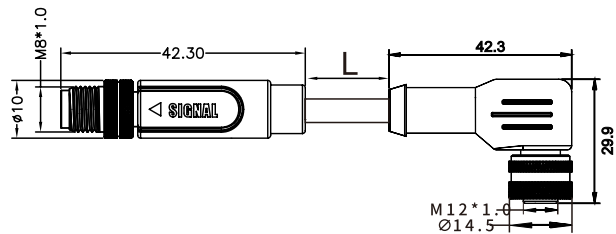
M8 Circular connectors

Male to R/A female cable

Product figure(M8-M12)



Scale diagram



Contact layout/针孔排布(Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	3pins	0.25mm ²	820103-56-701	820103-56-741	820103-56-721	820103-56-761
	4pins	0.25mm ²	820104-56-701	820104-56-741	820104-56-721	820104-56-761
0.6M	3pins	0.25mm ²	820103-56-702	820103-56-742	820103-56-722	820103-56-762
	4pins	0.25mm ²	820104-56-702	820104-56-742	820104-56-722	820104-56-762
1.0M	3pins	0.25mm ²	820103-56-703	820103-56-743	820103-56-723	820103-56-763
	4pins	0.25mm ²	820104-56-703	820104-56-743	820104-56-723	820104-56-763
2.0M	3pins	0.25mm ²	820103-56-704	820103-56-744	820103-56-724	820103-56-764
	4pins	0.25mm ²	820104-56-704	820104-56-744	820104-56-724	820104-56-764

Specification/技术参数

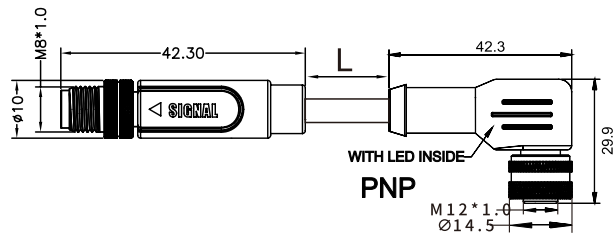
Number of contacts/芯数	3	4
Rated voltage/额定电压	50V AC / 60V DC	
Rated current (40°C)/额定电流	3A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	
Cable OD /线材直径	4.6mm	4.6~5.0mm

Male to R/A female cable(with LED PNP)

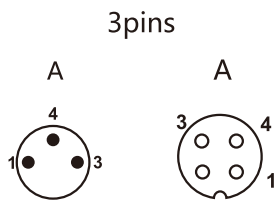
Product figure(M8-M12)



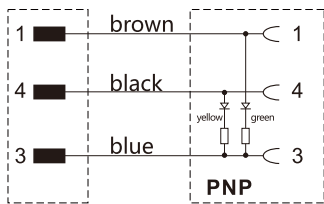
Scale diagram



Contact layout/针孔排布(Front view/前视图)



Circuit diagram/电路图

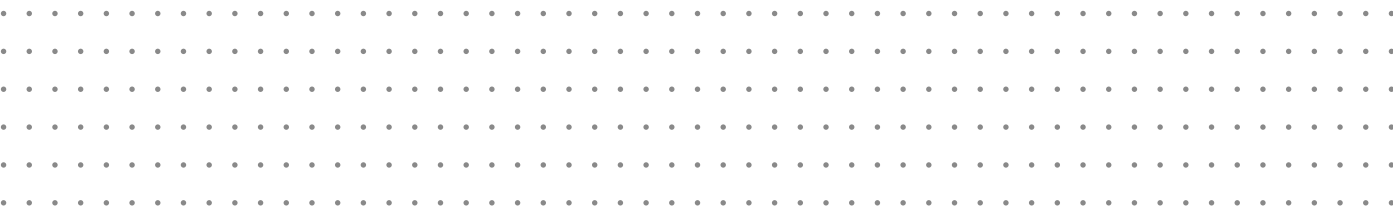


Order No/订货号

Cable length 线材长度	Contacts 芯数	0.25mm ²
0.3M	3pins	820103-56-780
0.6M	3pins	820103-56-781
1.0M	3pins	820103-56-782
2.0M	3pins	820103-56-783

Specification/技术参数

Number of contacts/芯数	3
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	3A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD /线材直径	4.6mm



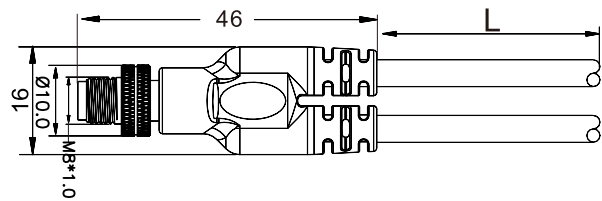
M8 Circular connectors

Y-type male cable

Product figure



Scale diagram



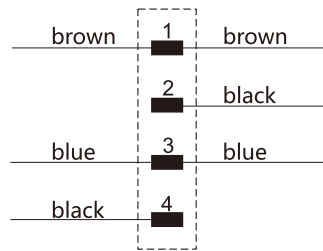
Contact layout/针孔排布(Front view/前视图)

4pins

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	0.25mm ²
1.5M	4pins	080104-30-691
3.0M	4pins	080104-30-692
5.0M	4pins	080104-30-693
7.5M	4pins	080104-30-694
10M	4pins	080104-30-695

Specification/技术参数

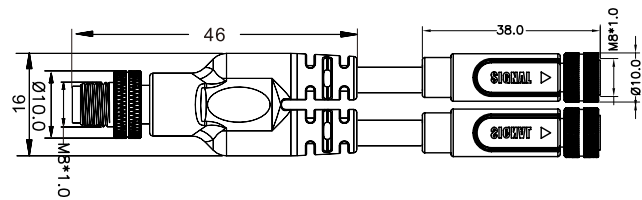
Number of contacts/芯数	4
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	3A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD /线材直径	4.6~5.0mm

M8 Circular connectors

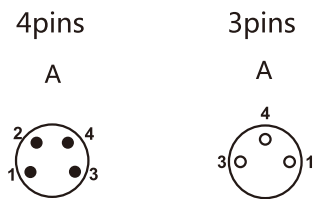
Y-type cable

Product figure(male to dual female M8-M8)

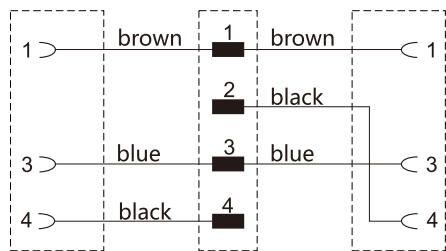
Scale diagram



Contact layout/针孔排布(Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	4-3pins	0.25mm ²	080104-30-601	080104-30-641	080104-30-621	080104-30-661
0.6M	4-3pins	0.25mm ²	080104-30-602	080104-30-642	080104-30-622	080104-30-662
1.0M	4-3pins	0.25mm ²	080104-30-603	080104-30-643	080104-30-623	080104-30-663
2.0M	4-3pins	0.25mm ²	080104-30-604	080104-30-644	080104-30-624	080104-30-664

Specification/技术参数

Number of contacts/芯数	4
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	3A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD /线材直径	4.6~5.0mm

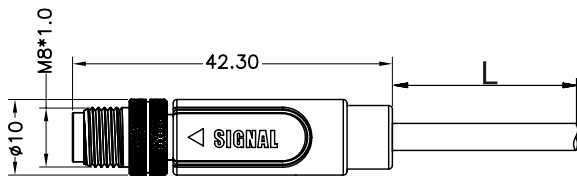
M8 Circular connectors

Male cable(with shield)

Product figure EtherCAT



Scale diagram

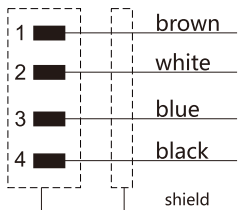


Contact layout/针孔排布(Front view/前视图)

4pins
A



Circuit diagram/电路图



Order No/订货号

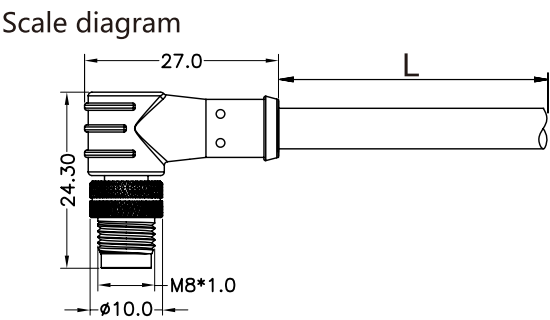
Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			green/绿色
1.0M	4pins	0.15mm ²	080104-05-690
1.5M	4pins	0.15mm ²	080104-05-691
3.0M	4pins	0.15mm ²	080104-05-692
5.0M	4pins	0.15mm ²	080104-05-693
7.5M	4pins	0.15mm ²	080104-05-694
10M	4pins	0.15mm ²	080104-05-695

Specification/技术参数

Number of contacts/芯数	4
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	3A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD /线材直径	4.6~5.0mm

M8 Circular connectors

Male cable(90° with shield)

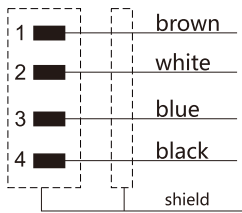


Contact layout/针孔排布(Front view/前视图)

4pins
A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			green/绿色
1.0M	4pins	0.15mm ²	080104-05-990
1.5M	4pins	0.15mm ²	080104-05-991
3.0M	4pins	0.15mm ²	080104-05-992
5.0M	4pins	0.15mm ²	080104-05-993
7.5M	4pins	0.15mm ²	080104-05-994
10M	4pins	0.15mm ²	080104-05-995

Specification/技术参数

Number of contacts/芯数	4
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	3A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD /线材直径	4.6~5.0mm

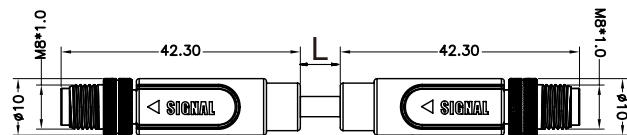
M8 Circular connectors

Male to male cable(with shield)

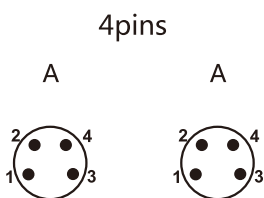
Product figure EtherCAT



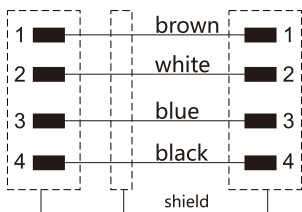
Scale diagram



Contact layout/针孔排布(Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			green/绿色
0.3M	4pins	0.15mm ²	080104-55-691
0.6M	4pins	0.15mm ²	080104-55-692
1.0M	4pins	0.15mm ²	080104-55-693
2.0M	4pins	0.15mm ²	080104-55-694

Specification/技术参数

Number of contacts/芯数	4
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	3A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C~+80°C
Cable OD /线材直径	4.6~5.0mm

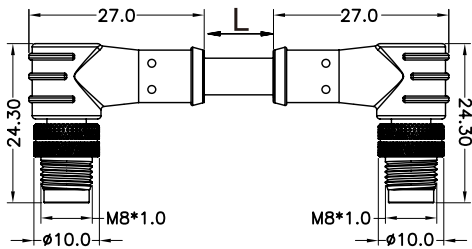
M8 Circular connectors

R/A Male to R/A male cable(with shield)

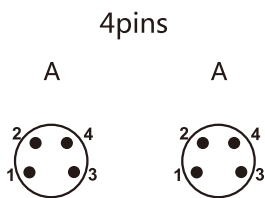
Product figure EtherCAT



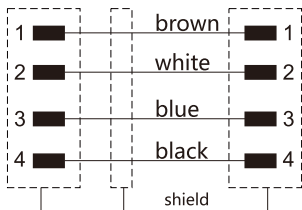
Scale diagram



Contact layout/针孔排布(Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			green/绿色
0.3M	4pins	0.15mm ²	080104-55-991
0.6M	4pins	0.15mm ²	080104-55-992
1.0M	4pins	0.15mm ²	080104-55-993
2.0M	4pins	0.15mm ²	080104-55-994

Specification/技术参数

Number of contacts/芯数	4
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	3A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C~+80°C
Cable OD /线材直径	4.6~5.0mm

M9 Series



M9 Series Circular Connectors

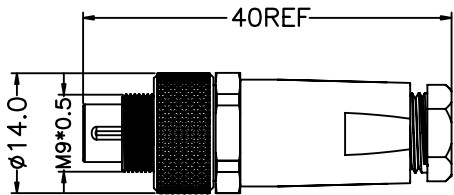
1.Assembly connector	0901-0906
2.Connector for molding	0907-0908
3.Panel	0909-0910
4.Cable	0911-0914

Male assembly connector

Product figure



Scale diagram



Contact layout/针孔排布(Front view/前视图)

2pins



3pins



4pins



5pins



7pins



8pins



Order data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
2pins	090002-01-001	ASM09M02001
3pins	090003-01-001	ASM09M03001
4pins	090004-01-001	ASM09M04001
5pins	090005-01-001	ASM09M05001
7pins	090007-01-001	ASM09M07001
8pins	090008-01-001	ASM09M08001

Specification/技术参数

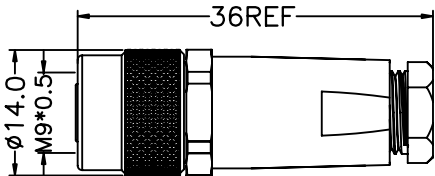
Number of contacts/芯数	2	3	4	5	7	8
Termination/接线方式	solder/焊接					
Wire gauge/线规	0.25mm ² / 24 AWG				0.14mm ² / 26 AWG	
Cable OD/线材直径	3~4.5mm					
Operating temperature/工作温度	-25°C ~ +85°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	125V					
Rated current (40°C)/额定电流	4A		3A		1A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 3mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

Female assembly connector

Product figure



Scale diagram



Contact layout/针孔排布(Front view/前视图)

2pins



3pins



4pins



5pins



7pins



8pins



Order data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
2pins	090002-02-001	ASM09F02001
3pins	090003-02-001	ASM09F03001
4pins	090004-02-001	ASM09F04001
5pins	090005-02-001	ASM09F05001
7pins	090007-02-001	ASM09F07001
8pins	090008-02-001	ASM09F08001

Specification/技术参数

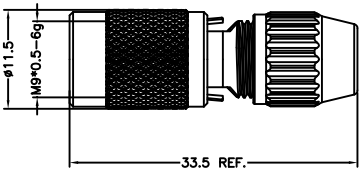
Number of contacts/芯数	2	3	4	5	7	8
Termination/接线方式	solder/焊接					
Wire gauge/线规	0.25mm ² / 24 AWG				0.14mm ² / 26 AWG	
Cable OD/线材直径	3~4.5mm					
Operating temperature/工作温度	-25°C ~ +85°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	125V					
Rated current (40°C)/额定电流	4A		3A		1A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 3mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

Male assembly connector

Product figure



Scale diagram



Contact layout/针孔排布(Front view/前视图)

2pins



3pins



4pins



5pins



7pins



8pins



Order data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
2pins	090002-01-004	—
3pins	090003-01-004	—
4pins	090004-01-006	—
5pins	090005-01-004	—
7pins	090007-01-004	—
8pins	090008-01-006	—

Specification/技术参数

Number of contacts/芯数	2	3	4	5	7	8
Termination/接线方式	solder/焊接					
Wire gauge/线规	0.25mm ² / 24 AWG				0.14mm ² / 26 AWG	
Cable OD/线材直径	3~5mm					
Operating temperature/工作温度	-25°C~+85°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	125V					
Rated current (40°C)/额定电流	4A		3A		1A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 3mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

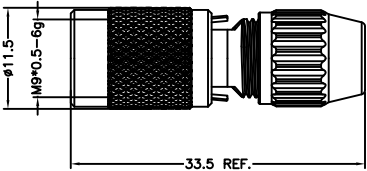
M9 Circular connectors

Female assembly connector

Product figure



Scale diagram



Contact layout/针孔排布(Front view/前视图)

2pins



3pins



4pins



5pins



7pins



8pins



Order data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
2pins	090002-02-002	—
3pins	090003-02-002	—
4pins	090004-02-003	—
5pins	090005-02-003	—
7pins	090007-02-002	—
8pins	090008-02-002	—

Specification/技术参数

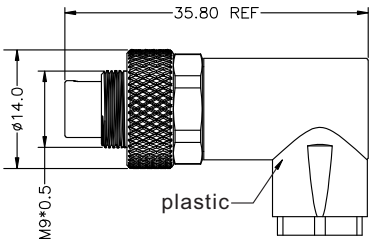
Number of contacts/芯数	2	3	4	5	7	8
Termination/接线方式	solder/焊接					
Wire gauge/线规	0.25mm ² / 24 AWG				0.14mm ² / 26 AWG	
Cable OD/线材直径	3~5mm					
Operating temperature/工作温度	-25°C~+85°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	125V					
Rated current (40°C)/额定电流	4A		3A		1A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 3mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

Male assembly connector

Product figure



Scale diagram



Contact layout/针孔排布(Front view/前视图)

2pins



3pins



4pins



5pins



7pins



8pins



Order data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
2pins	090002-01-003	—
3pins	090003-01-003	—
4pins	090004-01-005	—
5pins	090005-01-003	—
7pins	090007-01-003	—
8pins	090008-01-002	—

Specification/技术参数

Number of contacts/芯数	2	3	4	5	7	8
Termination/接线方式	solder/焊接					
Wire gauge/线规	0.25mm ² / 24 AWG				0.14mm ² / 26 AWG	
Cable OD/线材直径	3~4.5mm					
Operating temperature/工作温度	-25°C ~ +85°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	125V					
Rated current (40°C)/额定电流	4A		3A		1A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 3mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

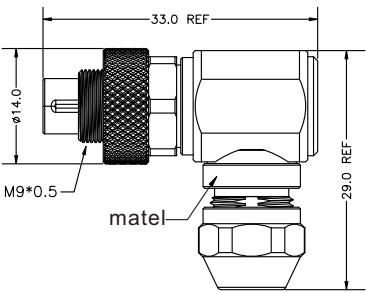
M9 Circular connectors

Male assembly connector

Product figure



Scale diagram



Contact layout/针孔排布(Front view/前视图)

2pins



3pins



4pins



5pins



7pins



8pins



Order data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
2pins	090002-01-002	—
3pins	090003-01-002	—
4pins	090004-01-004	—
5pins	090005-01-002	—
7pins	090007-01-002	—
8pins	090008-01-005	—

Specification/技术参数

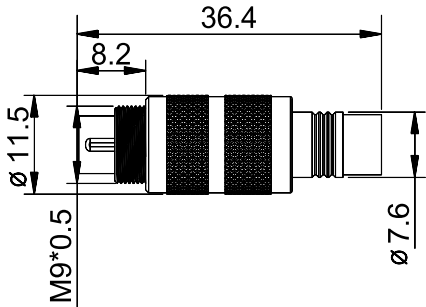
Number of contacts/芯数	2	3	4	5	7	8
Termination/接线方式	solder/焊接					
Wire gauge/线规	0.25mm ² / 24 AWG				0.14mm ² / 26 AWG	
Cable OD/线材直径	3~4.5mm					
Operating temperature/工作温度	-25°C~+85°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	125V					
Rated current (40°C)/额定电流	4A		3A		1A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 3mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

Male connector for molding

Product figure



Scale diagram



Contact layout/针孔排布(Front view/前视图)

2pins



3pins



4pins



5pins



7pins



8pins



Order data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
2pins	090002-20-001	M09M02001
3pins	090003-20-001	M09M03001
4pins	090004-20-001	M09M04001
5pins	090005-20-001	M09M05001
7pins	090007-20-001	M09M07001
8pins	090008-20-001	M09M08001

Specification/技术参数

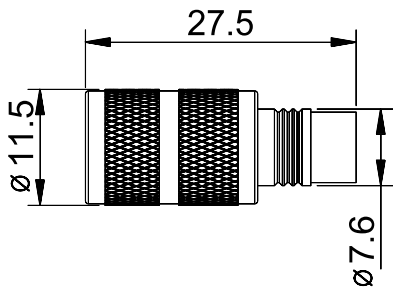
Number of contacts/芯数	2	3	4	5	7	8
Termination/接线方式	solder/焊接					
Wire gauge/线规	0.25mm ² / 24 AWG				0.14mm ² / 26 AWG	
Operating temperature/工作温度	-25°C ~ +85°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	125V					
Rated current (40°C)/额定电流	4A		3A		1A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 3mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

Female connector for molding

Product figure



Scale diagram



Contact layout/针孔排布(Front view/前视图)

2pins



3pins



4pins



5pins



7pins



8pins



Order data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
2pins	090002-21-001	M09F02001
3pins	090003-21-001	M09F03001
4pins	090004-21-001	M09F04001
5pins	090005-21-001	M09F05001
7pins	090007-21-001	M09F07001
8pins	090008-21-001	M09F08001

Specification/技术参数

Number of contacts/芯数	2	3	4	5	7	8
Termination/接线方式	solder/焊接					
Wire gauge/线规	0.25mm ² / 24 AWG				0.14mm ² / 26 AWG	
Operating temperature/工作温度	-25°C ~ +85°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	125V					
Rated current (40°C)/额定电流	4A		3A		1A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 3mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

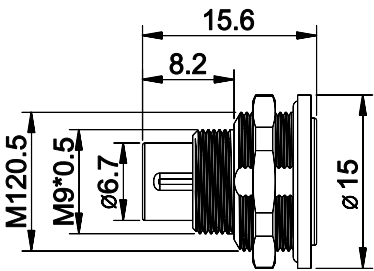
M9 Circular connectors

Male panel connector

Product figure (front fastened)



Scale diagram



Contact layout/针孔排布(Front view/前视图)

2pins



3pins



4pins



5pins



7pins



8pins



Order data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
2pins	090002-03-001	PMM09FM02001
3pins	090003-03-001	PMM09FM03001
4pins	090004-03-001	PMM09FM04001
5pins	090005-03-001	PMM09FM05001
7pins	090007-03-001	PMM09FM07001
8pins	090008-03-001	PMM09FM08001

Specification/技术参数

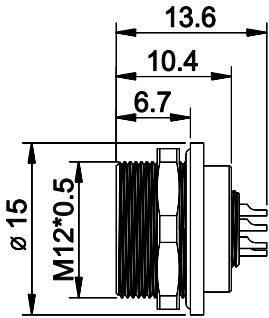
Number of contacts/芯数	2	3	4	5	7	8
Termination/接线方式	solder/焊接					
Wire gauge/线规	0.25mm ² / 24 AWG				0.14mm ² / 26 AWG	
Operating temperature/工作温度	-25°C ~ +85°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	125V					
Rated current (40°C)/额定电流	4A		3A		1A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 3mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

Female panel connector

Product figure (front fastened)



Scale diagram



Contact layout/针孔排布(Front view/前视图)

2pins



3pins



4pins



5pins



7pins



8pins



Order data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
2pins	090002-04-001	PMM09FF02001
3pins	090003-04-001	PMM09FF03001
4pins	090004-04-001	PMM09FF04001
5pins	090005-04-001	PMM09FF05001
7pins	090007-04-001	PMM09FF07001
8pins	090008-04-001	PMM09FF08001

Specification/技术参数

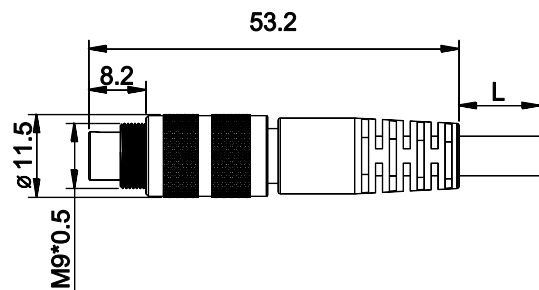
Number of contacts/芯数	2	3	4	5	7	8
Termination/接线方式	solder/焊接					
Wire gauge/线规	0.25mm ² / 24 AWG				0.14mm ² / 26 AWG	
Operating temperature/工作温度	-25°C ~ +85°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	125V					
Rated current (40°C)/额定电流	4A		3A		1A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 3mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

Male cable moulded

Product figure



Scale diagram



Contact layout/针孔排布(Front view/前视图)

2pins



3pins



4pins



5pins



7pins



8pins



Order data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
2pins	090002-05-001	CAM09SM02001
3pins	090003-05-001	CAM09SM03001
4pins	090004-05-001	CAM09SM04001
5pins	090005-05-001	CAM09SM05001
7pins	090007-05-001	CAM09SM07001
8pins	090008-05-001	CAM09SM08001

Specification/技术参数

Number of contacts/芯数	2	3	4	5	7	8
Termination/接线方式	moulded on cable/成型线					
Wire gauge/线规	0.25mm ² / 24 AWG				0.14mm ² / 26 AWG	
Operating temperature/工作温度	-25°C ~ +80°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	125V					
Rated current (40°C)/额定电流	4A		3A		1A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 3mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

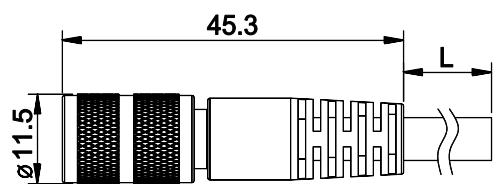
M9 Circular connectors

Female cable moulded

Product figure



Scale diagram



Contact layout/针孔排布(Front view/前视图)

2pins



3pins



4pins



5pins



7pins



8pins



Order data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
2pins	090003-06-001	CAM09SF02001
3pins	090003-06-001	CAM09SF03001
4pins	090004-06-001	CAM09SF04001
5pins	090005-06-001	CAM09SF05001
7pins	090007-06-001	CAM09SF07001
8pins	090008-06-001	CAM09SF08001

Specification/技术参数

Number of contacts/芯数	2	3	4	5	7	8
Termination/接线方式	moulded on cable/成型线					
Wire gauge/线规	0.25mm ² / 24 AWG				0.14mm ² / 26 AWG	
Operating temperature/工作温度	-25°C ~ +80°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	125V					
Rated current (40°C)/额定电流	4A		3A		1A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 3mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

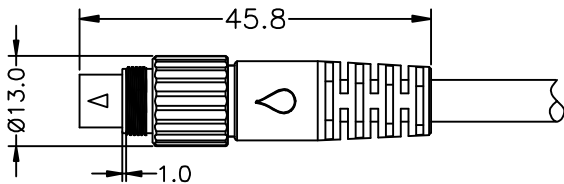
M9 Circular connectors

Male cable moulded

Product figure



Scale diagram



Contact layout/针孔排布(Front view/前视图)

2pins



3pins



4pins



5pins



7pins



8pins



Order data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
2pins	090002-05-003	CAM09SM02003
3pins	090003-05-003	CAM09SM03003
4pins	090004-05-003	CAM09SM04003
5pins	090005-05-004	CAM09SM05003
7pins	090007-05-003	CAM09SM07003
8pins	090008-05-012	CAM09SM08003

Specification/技术参数

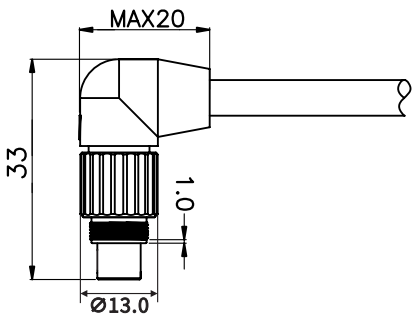
Number of contacts/芯数	2	3	4	5	7	8
Termination/接线方式	moulded on cable/成型线					
Wire gauge/线规	0.25mm ² / 24 AWG				0.14mm ² / 26 AWG	
Operating temperature/工作温度	-25°C ~ +80°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	125V					
Rated current (40°C)/额定电流	4A		3A		1A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 3mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

Male cable moulded(90°)

Product figure



Scale diagram



Contact layout/针孔排布(Front view/前视图)

2pins



3pins



4pins



5pins



7pins



8pins



Order data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
2pins	090002-05-002	CAM09RM02002
3pins	090003-05-002	CAM09RM03002
4pins	090004-05-002	CAM09RM04002
5pins	090005-05-002	CAM09RM05002
7pins	090007-05-002	CAM09RM07002
8pins	090008-05-007	CAM09RM08002

Specification/技术参数

Number of contacts/芯数	2	3	4	5	7	8
Termination/接线方式	moulded on cable/成型线					
Wire gauge/线规	0.25mm ² / 24 AWG				0.14mm ² / 26 AWG	
Operating temperature/工作温度	-25°C ~ +80°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	125V					
Rated current (40°C)/额定电流	4A		3A		1A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 3mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					



M12 Series



M12 Series Circular Connectors

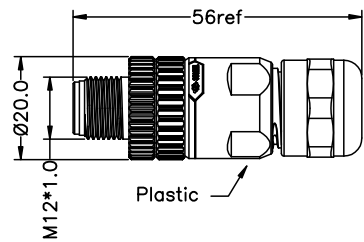
1.Assembly connector	1201-1230
2.Connector for over-molding	1231-1242
3.Panel	1243-1275
4.Cable	1276-1289
5.Adapter	1290-12108
6.X/S/T/L/K/E/F/M/Y-Coding	12126-12233
7.Standard cable lenght	12237-12343

Male assembly connector

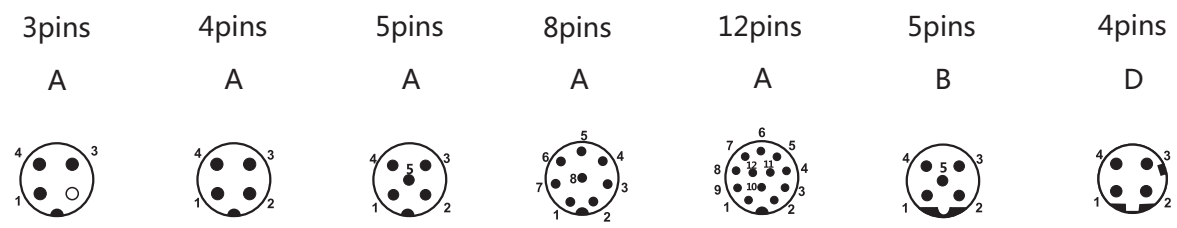
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	120103-01-022	ASM12AM03009
4pins	A	120104-01-022	ASM12AM04009
	D	120404-01-022	ASM12DM04009
5pins	A	120105-01-022	ASM12AM05009
	B	120205-01-022	ASM12BM05009
8pins	A	120108-01-022	ASM12AM08009
12pins	A	120112-01-022	ASM12AM12008

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12
Termination/接线方式	screw clamp/锁螺丝				solder/焊接
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)				
Cable OD/线材直径	6~8mm				
Operating temperature/工作温度	-25°C~+85°C				
Mechanical operation/插拔次数	> 100 mating cycles				
Rated voltage/额定电压	250V		60V	30V	
Rated current (40°C)/额定电流	4A			2A	1.5A
Protection degree/防护等级	IP67/IP68				
Contact resistance/接触电阻	< 10mΩ				
Insulation resistance/绝缘电阻	≥100MΩ				
Pin contact/插针材料	CuZn				
Socket contact/插孔材料	CuSn				
Contact plating/针孔镀层材料	Au				

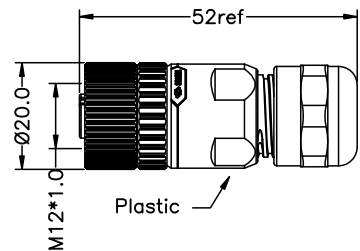
M12 Circular connectors

Female assembly connector

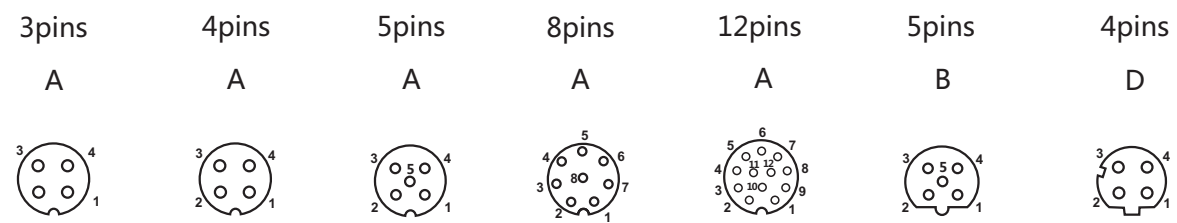
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	120103-02-022	ASM12AF03009
4pins	A	120104-02-022	ASM12AF04009
	D	120404-02-022	ASM12DF04009
5pins	A	120105-02-022	ASM12AF05009
	B	120205-02-022	ASM12BF05009
8pins	A	120108-02-022	ASM12AF08009
12pins	A	120112-02-022	ASM12AF12009

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12
Termination/接线方式	screw clamp/锁螺丝				solder/焊接
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)				
Cable OD/线材直径	6~8mm				
Operating temperature/工作温度	-25°C~+85°C				
Mechanical operation/插拔次数	> 100 mating cycles				
Rated voltage/额定电压	250V		60V	30V	
Rated current (40°C)/额定电流	4A			2A	1.5A
Protection degree/防护等级	IP67/IP68				
Contact resistance/接触电阻	< 10mΩ				
Insulation resistance/绝缘电阻	≥100MΩ				
Pin contact/插针材料	CuZn				
Socket contact/插孔材料	CuSn				
Contact plating/针孔镀层材料	Au				

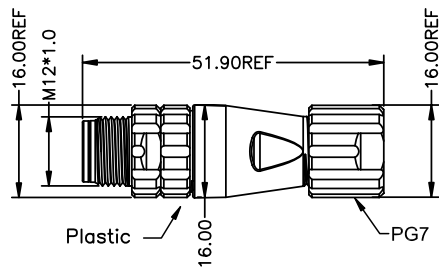
M12 Circular connectors

Male assembly connector

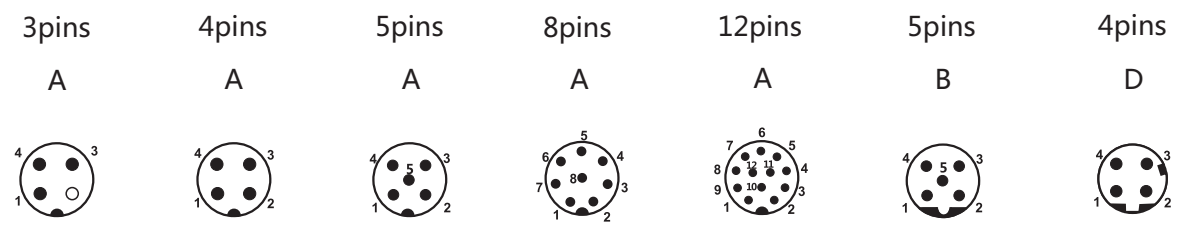
Product figure (PG7)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	120103-01-026	ASM12AM03012
4pins	A	120104-01-026	ASM12AM04015
	D	120404-01-026	ASM12DM04014
5pins	A	120105-01-027	ASM12AM05015
	B	120205-01-026	ASM12BM05014
8pins	A	120108-01-026	ASM12AM08016
12pins	A	120112-01-026	ASM12AM12012

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12
Termination/接线方式	solder/焊接				
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)				
Cable OD/线材直径	4~6mm				
Operating temperature/工作温度	-25°C~+85°C				
Mechanical operation/插拔次数	> 100 mating cycles				
Rated voltage/额定电压	250V		60V	30V	
Rated current (40°C)/额定电流	4A			2A	1.5A
Protection degree/防护等级	IP67/IP68				
Contact resistance/接触电阻	< 10mΩ				
Insulation resistance/绝缘电阻	≥100MΩ				
Pin contact/插针材料	CuZn				
Socket contact/插孔材料	CuSn				
Contact plating/针孔镀层材料	Au				

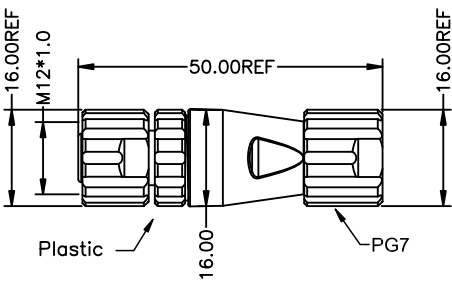
M12 Circular connectors

Female assembly connector

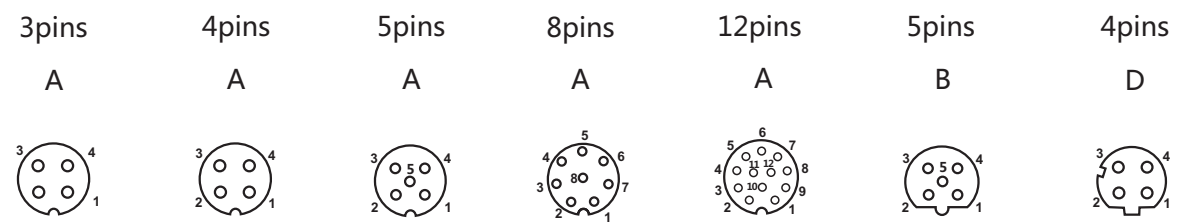
Product figure (PG7)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	120103-02-026	ASM12AF03012
4pins	A	120104-02-016	ASM12AF04014
	D	120404-02-016	ASM12DF04012
5pins	A	120105-02-026	ASM12AF05014
	B	120205-02-026	ASM12BF05014
8pins	A	120108-02-026	ASM12AF08015
12pins	A	120112-02-026	ASM12AF08012

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12
Termination/接线方式	solder/焊接				
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)				
Cable OD/线材直径	4~6mm				
Operating temperature/工作温度	-25°C~+85°C				
Mechanical operation/插拔次数	> 100 mating cycles				
Rated voltage/额定电压	250V		60V	30V	
Rated current (40°C)/额定电流	4A			2A	1.5A
Protection degree/防护等级	IP67/IP68				
Contact resistance/接触电阻	< 10mΩ				
Insulation resistance/绝缘电阻	≥100MΩ				
Pin contact/插针材料	CuZn				
Socket contact/插孔材料	CuSn				
Contact plating/针孔镀层材料	Au				

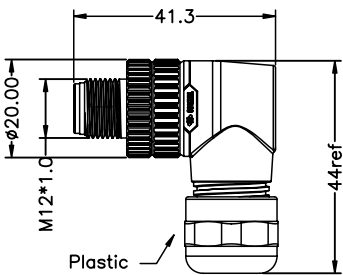
M12 Circular connectors

Male assembly connector

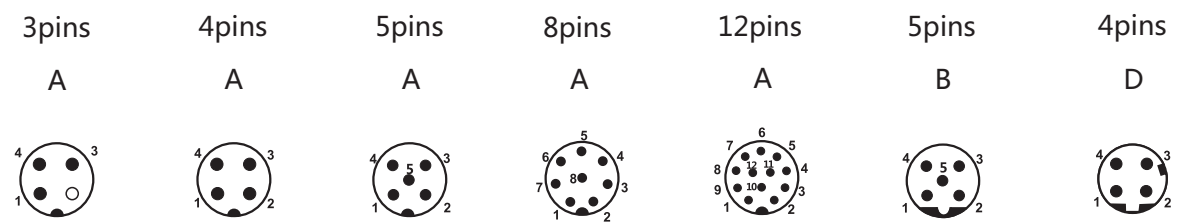
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	120103-01-024	ASM12AM03010
4pins	A	120104-01-024	ASM12AM04010
	D	120404-01-024	ASM12DM04010
5pins	A	120105-01-024	ASM12AM05010
	B	120205-01-024	ASM12BM05010
8pins	A	120108-01-024	ASM12AM08010
12pins	A	120112-01-024	ASM12AM12010

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12
Termination/接线方式	screw clamp/锁螺丝				solder/焊接
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)				
Cable OD/线材直径	6~8mm				
Operating temperature/工作温度	-25°C~+85°C				
Mechanical operation/插拔次数	> 100 mating cycles				
Rated voltage/额定电压	250V		60V	30V	
Rated current (40°C)/额定电流	4A			2A	1.5A
Protection degree/防护等级	IP67/IP68				
Contact resistance/接触电阻	< 10mΩ				
Insulation resistance/绝缘电阻	≥100MΩ				
Pin contact/插针材料	CuZn				
Socket contact/插孔材料	CuSn				
Contact plating/针孔镀层材料	Au				

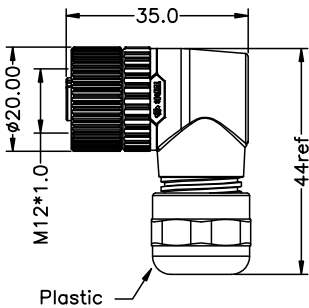
M12 Circular connectors

Female assembly connector

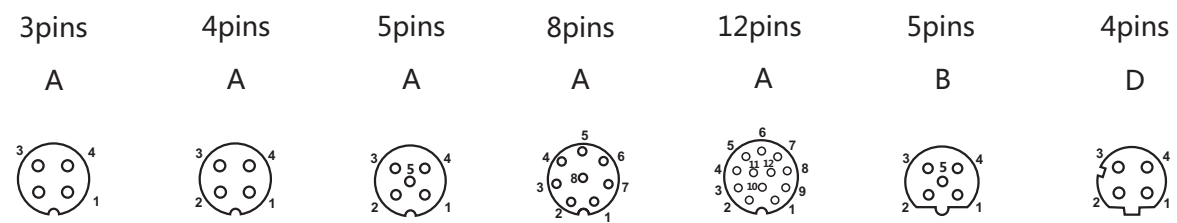
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	120103-02-024	ASM12AF03010
4pins	A	120104-02-024	ASM12AF04010
	D	120404-02-024	ASM12DF04010
5pins	A	120105-02-024	ASM12AF05010
	B	120205-02-024	ASM12BF05010
8pins	A	120108-02-024	ASM12AF08010
12pins	A	120112-02-024	ASM12AF12010

Specifications/技术参数

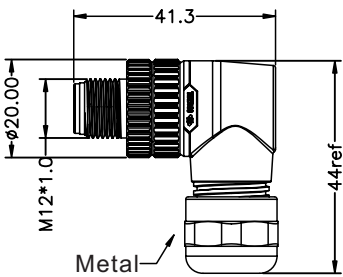
Number of contacts/芯数	3	4	5	8	12
Termination/接线方式	screw clamp/锁螺丝				solder/焊接
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)				
Cable OD/线材直径	6~8mm				
Operating temperature/工作温度	-25°C~+85°C				
Mechanical operation/插拔次数	> 100 mating cycles				
Rated voltage/额定电压	250V		60V	30V	
Rated current (40°C)/额定电流	4A			2A	1.5A
Protection degree/防护等级	IP67/IP68				
Contact resistance/接触电阻	< 10mΩ				
Insulation resistance/绝缘电阻	≥100MΩ				
Pin contact/插针材料	CuZn				
Socket contact/插孔材料	CuSn				
Contact plating/针孔镀层材料	Au				

M12 Circular connectors

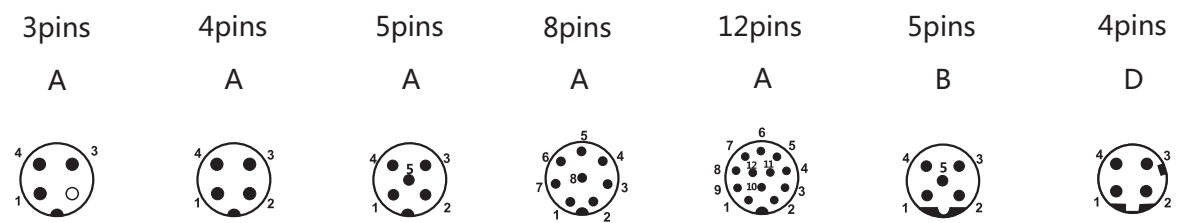
Male assembly connector

Product figure (PG9)

Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	120103-01-027	ASM12AM03013
4pins	A	120104-01-028	ASM12AM04014
	D	120404-01-028	ASM12DM04015
5pins	A	120105-01-028	ASM12AM05014
	B	120205-01-028	ASM12BM05015
8pins	A	120108-01-029	ASM12AM08014
12pins	A	120112-01-027	ASM12AM12015

Specifications/技术参数

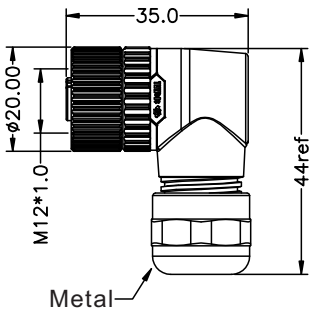
Number of contacts/芯数	3	4	5	8	12
Termination/接线方式	screw clamp/锁螺丝				solder/焊接
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)				
Cable OD/线材直径	6~8mm				
Operating temperature/工作温度	-25°C~+85°C				
Mechanical operation/插拔次数	> 100 mating cycles				
Rated voltage/额定电压	250V		60V	30V	
Rated current (40°C)/额定电流	4A			2A	1.5A
Protection degree/防护等级	IP67/IP68				
Contact resistance/接触电阻	< 10mΩ				
Insulation resistance/绝缘电阻	≥100MΩ				
Pin contact/插针材料	CuZn				
Socket contact/插孔材料	CuSn				
Contact plating/针孔镀层材料	Au				

Female assembly connector

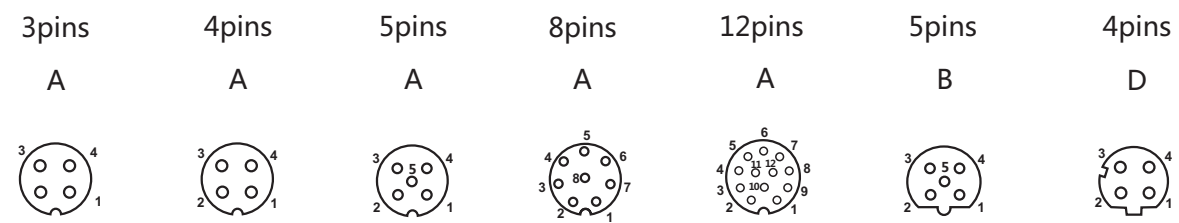
Product figure (PG9)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	120103-02-027	ASM12AF03013
4pins	A	120104-02-031	ASM12AF04013
	D	120404-02-028	ASM12DF04013
5pins	A	120105-02-031	ASM12AF05013
	B	120205-02-027	ASM12BF05013
8pins	A	120108-02-029	ASM12AF08013
12pins	A	120112-02-027	ASM12AF12013

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12
Termination/接线方式	screw clamp/锁螺丝				solder/焊接
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)				
Cable OD/线材直径	6~8mm				
Operating temperature/工作温度	-25°C~+85°C				
Mechanical operation/插拔次数	> 100 mating cycles				
Rated voltage/额定电压	250V		60V	30V	
Rated current (40°C)/额定电流	4A			2A	1.5A
Protection degree/防护等级	IP67/IP68				
Contact resistance/接触电阻	< 10mΩ				
Insulation resistance/绝缘电阻	≥100MΩ				
Pin contact/插针材料	CuZn				
Socket contact/插孔材料	CuSn				
Contact plating/针孔镀层材料	Au				

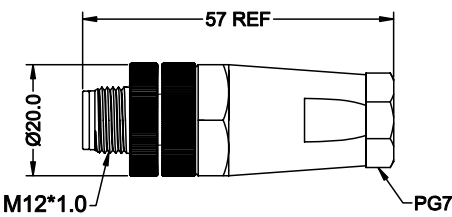
M12 Circular connectors

Male assembly connector

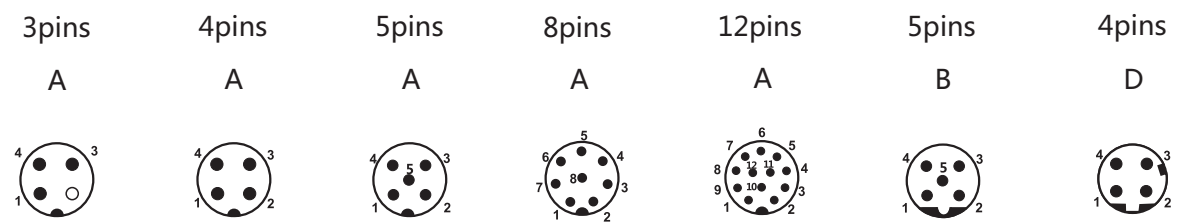
Product figure (PG7)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	120103-01-001	ASM12AM03001
4pins	A	120104-01-001	ASM12AM04001
	D	120404-01-001	ASM12DM04001
5pins	A	120105-01-001	ASM12AM05001
	B	120205-01-005	ASM12BM05001
8pins	A	120108-01-001	ASM12AM08001
12pins	A	120112-01-003	ASM12AM12001

Specifications/技术参数

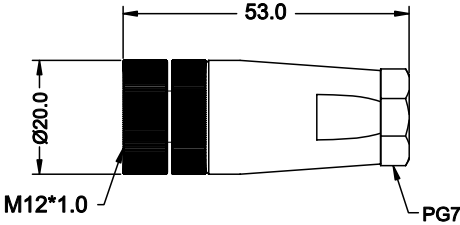
Number of contacts/芯数	3	4	5	8	12
Termination/接线方式	screw clamp/锁螺丝				solder/焊接
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)				
Cable OD/线材直径	4~6mm				
Operating temperature/工作温度	-25°C~+85°C				
Mechanical operation/插拔次数	> 100 mating cycles				
Rated voltage/额定电压	250V		60V	30V	
Rated current (40°C)/额定电流	4A			2A	1.5A
Protection degree/防护等级	IP67/IP68				
Contact resistance/接触电阻	< 10mΩ				
Insulation resistance/绝缘电阻	≥100MΩ				
Pin contact/插针材料	CuZn				
Socket contact/插孔材料	CuSn				
Contact plating/针孔镀层材料	Au				

Female assembly connector

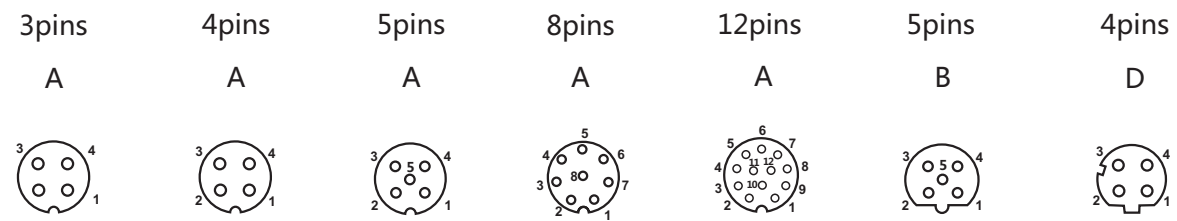
Product figure (PG7)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	120103-02-001	ASM12AF03001
4pins	A	120104-02-001	ASM12AF04001
	D	120404-02-001	ASM12DF04001
5pins	A	120105-02-001	ASM12AF05001
	B	120205-02-005	ASM12BF05001
8pins	A	120108-02-001	ASM12AF08001
12pins	A	120112-02-005	ASM12AF12001

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12
Termination/接线方式	screw clamp/锁螺丝				solder/焊接
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)				
Cable OD/线材直径	4~6mm				
Operating temperature/工作温度	-25°C~+85°C				
Mechanical operation/插拔次数	> 100 mating cycles				
Rated voltage/额定电压	250V		60V	30V	
Rated current (40°C)/额定电流	4A			2A	1.5A
Protection degree/防护等级	IP67/IP68				
Contact resistance/接触电阻	< 10mΩ				
Insulation resistance/绝缘电阻	≥100MΩ				
Pin contact/插针材料	CuZn				
Socket contact/插孔材料	CuSn				
Contact plating/针孔镀层材料	Au				

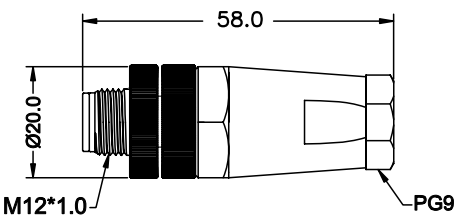
M12 Circular connectors

Male assembly connector

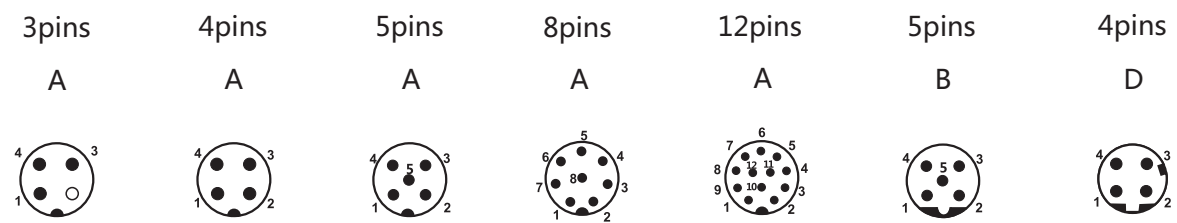
Product figure (PG9)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	120103-01-002	ASM12AM03002
4pins	A	120104-01-002	ASM12AM04002
	D	120404-01-002	ASM12DM04002
5pins	A	120105-01-002	ASM12AM05002
	B	120205-01-007	ASM12BM05003
8pins	A	120108-01-002	ASM12AM08002
12pins	A	120112-01-002	ASM12AM12002

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12
Termination/接线方式	screw clamp/锁螺丝				solder/焊接
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)				
Cable OD/线材直径	6~8mm				
Operating temperature/工作温度	-25°C~+85°C				
Mechanical operation/插拔次数	> 100 mating cycles				
Rated voltage/额定电压	250V		60V	30V	
Rated current (40°C)/额定电流	4A			2A	1.5A
Protection degree/防护等级	IP67/IP68				
Contact resistance/接触电阻	< 10mΩ				
Insulation resistance/绝缘电阻	≥100MΩ				
Pin contact/插针材料	CuZn				
Socket contact/插孔材料	CuSn				
Contact plating/针孔镀层材料	Au				

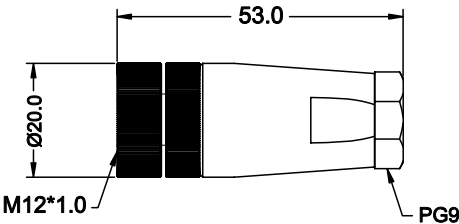
M12 Circular connectors

Female assembly connector

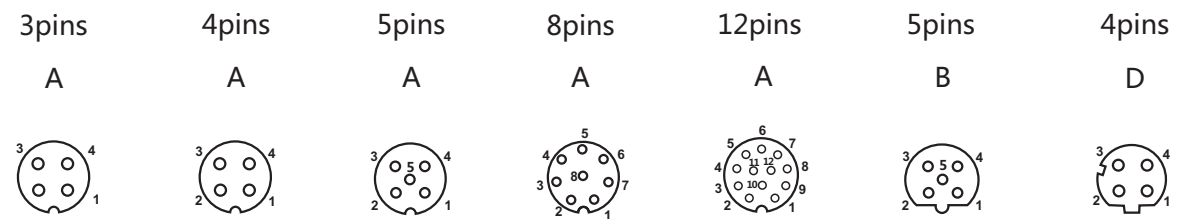
Product figure (PG9)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	120103-02-002	ASM12AF03002
4pins	A	120104-02-002	ASM12AF04002
	D	120404-02-002	ASM12DF04002
5pins	A	120105-02-002	ASM12AF05002
	B	120205-02-007	ASM12BF05003
8pins	A	120108-02-002	ASM12AF08002
12pins	A	120112-02-006	ASM12AF12002

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12
Termination/接线方式	screw clamp/锁螺丝				solder/焊接
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)				
Cable OD/线材直径	6~8mm				
Operating temperature/工作温度	-25°C~+85°C				
Mechanical operation/插拔次数	> 100 mating cycles				
Rated voltage/额定电压	250V		60V	30V	
Rated current (40°C)/额定电流	4A			2A	1.5A
Protection degree/防护等级	IP67/IP68				
Contact resistance/接触电阻	< 10mΩ				
Insulation resistance/绝缘电阻	≥100MΩ				
Pin contact/插针材料	CuZn				
Socket contact/插孔材料	CuSn				
Contact plating/针孔镀层材料	Au				

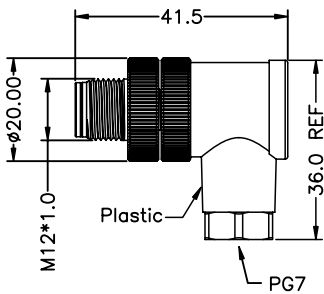
M12 Circular connectors

Male assembly connector

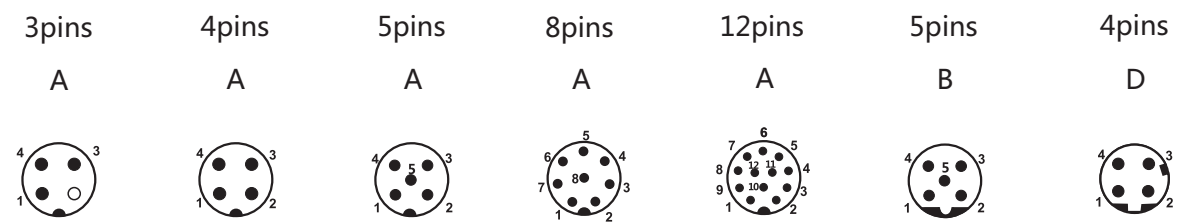
Product figure (PG7)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	120103-01-003	ASM12AM03003
4pins	A	120104-01-003	ASM12AM04003
	D	120404-01-003	ASM12DM04003
5pins	A	120105-01-003	ASM12AM05003
	B	120205-01-006	ASM12BM05002
8pins	A	120108-01-003	ASM12AM08003
12pins	A	120112-01-006	ASM12AM12003

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12
Termination/接线方式	screw clamp/锁螺丝				solder/焊接
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)				
Cable OD/线材直径	4~6mm				
Operating temperature/工作温度	-25°C~+85°C				
Mechanical operation/插拔次数	> 100 mating cycles				
Rated voltage/额定电压	250V		60V	30V	
Rated current (40°C)/额定电流	4A			2A	1.5A
Protection degree/防护等级	IP67/IP68				
Contact resistance/接触电阻	< 10mΩ				
Insulation resistance/绝缘电阻	≥100MΩ				
Pin contact/插针材料	CuZn				
Socket contact/插孔材料	CuSn				
Contact plating/针孔镀层材料	Au				

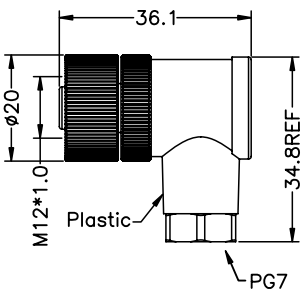
M12 Circular connectors

Female assembly connector

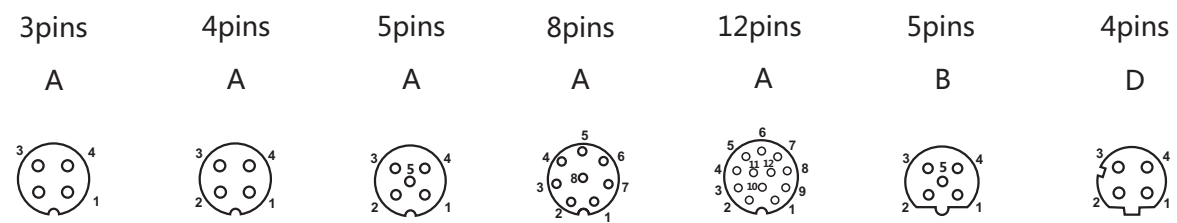
Product figure (PG7)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	120103-02-003	ASM12AF03003
4pins	A	120104-02-003	ASM12AF04003
	D	120404-02-003	ASM12DF04003
5pins	A	120105-02-003	ASM12AF05003
	B	120205-02-006	ASM12BF05002
8pins	A	120108-02-003	ASM12AF08003
12pins	A	120112-02-007	ASM12AF12003

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12
Termination/接线方式	screw clamp/锁螺丝				solder/焊接
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)				
Cable OD/线材直径	4~6mm				
Operating temperature/工作温度	-25°C~+85°C				
Mechanical operation/插拔次数	> 100 mating cycles				
Rated voltage/额定电压	250V		60V	30V	
Rated current (40°C)/额定电流	4A			2A	1.5A
Protection degree/防护等级	IP67/IP68				
Contact resistance/接触电阻	< 10mΩ				
Insulation resistance/绝缘电阻	≥100MΩ				
Pin contact/插针材料	CuZn				
Socket contact/插孔材料	CuSn				
Contact plating/针孔镀层材料	Au				

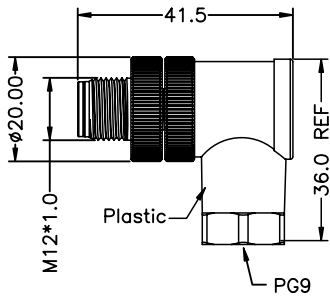
M12 Circular connectors

Male assembly connector

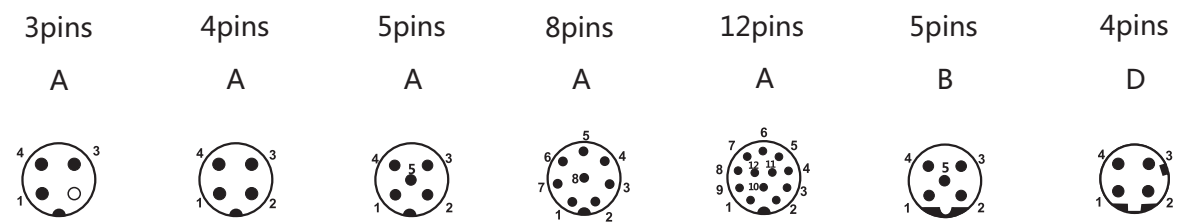
Product figure (PG9)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	120103-01-004	ASM12AM03004
4pins	A	120104-01-004	ASM12AM04004
	D	120404-01-004	ASM12DM04004
5pins	A	120105-01-004	ASM12AM05004
	B	120205-01-008	ASM12BM05004
8pins	A	120108-01-004	ASM12AM08004
12pins	A	120112-01-007	ASM12AM12004

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12
Termination/接线方式	screw clamp/锁螺丝				solder/焊接
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)				
Cable OD/线材直径	6~8mm				
Operating temperature/工作温度	-25°C~+85°C				
Mechanical operation/插拔次数	> 100 mating cycles				
Rated voltage/额定电压	250V		60V	30V	
Rated current (40°C)/额定电流	4A			2A	1.5A
Protection degree/防护等级	IP67/IP68				
Contact resistance/接触电阻	< 10mΩ				
Insulation resistance/绝缘电阻	≥100MΩ				
Pin contact/插针材料	CuZn				
Socket contact/插孔材料	CuSn				
Contact plating/针孔镀层材料	Au				

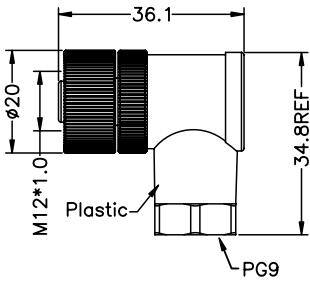
M12 Circular connectors

Female assembly connector

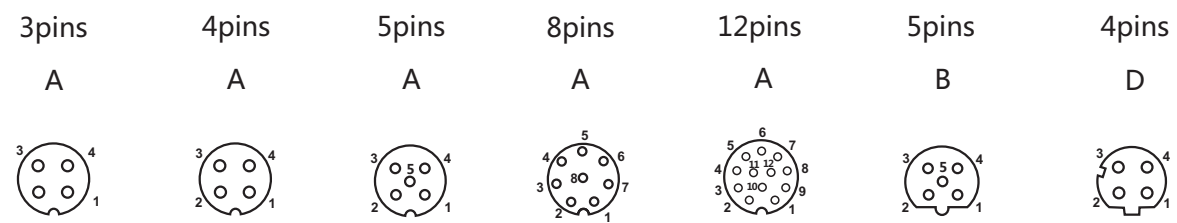
Product figure (PG9)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	120103-02-004	ASM12AF03004
4pins	A	120104-02-004	ASM12AF04004
	D	120404-02-004	ASM12DF04004
5pins	A	120105-02-004	ASM12AF05004
	B	120205-02-008	ASM12BF05004
8pins	A	120108-02-004	ASM12AF08004
12pins	A	120112-02-008	ASM12AF12004

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12
Termination/接线方式	screw clamp/锁螺丝				solder/焊接
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)				
Cable OD/线材直径	6~8mm				
Operating temperature/工作温度	-25°C~+85°C				
Mechanical operation/插拔次数	> 100 mating cycles				
Rated voltage/额定电压	250V		60V	30V	
Rated current (40°C)/额定电流	4A			2A	1.5A
Protection degree/防护等级	IP67/IP68				
Contact resistance/接触电阻	< 10mΩ				
Insulation resistance/绝缘电阻	≥100MΩ				
Pin contact/插针材料	CuZn				
Socket contact/插孔材料	CuSn				
Contact plating/针孔镀层材料	Au				

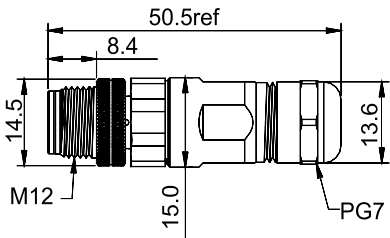
M12 Circular connectors

Male assembly connector

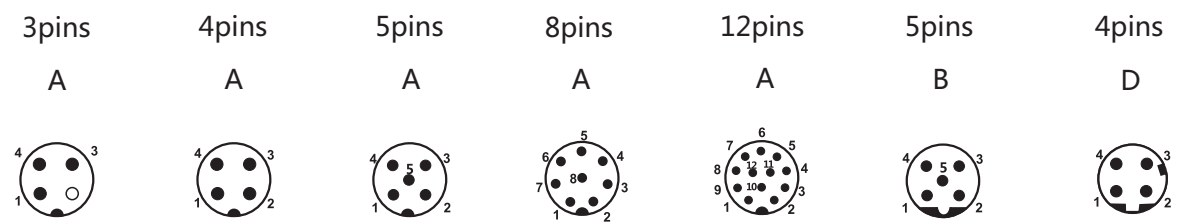
Product figure (PG7 with shield)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	120103-01-005	ASM12AM03005
4pins	A	120104-01-005	ASM12AM04005
	D	120404-01-005	ASM12DM04005
5pins	A	120105-01-005	ASM12AM05005
	B	120205-01-001	ASM12BM05005
8pins	A	120108-01-005	ASM12AM08005
12pins	A	120112-01-001	ASM12AM12005

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12
Termination/接线方式	solder/焊接				
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)				
Cable OD/线材直径	4~6mm				
Operating temperature/工作温度	-25°C~+85°C				
Mechanical operation/插拔次数	> 100 mating cycles				
Rated voltage/额定电压	250V		60V	30V	
Rated current (40°C)/额定电流	4A			2A	1.5A
Protection degree/防护等级	IP67/IP68				
Contact resistance/接触电阻	< 10mΩ				
Insulation resistance/绝缘电阻	≥100MΩ				
Pin contact/插针材料	CuZn				
Socket contact/插孔材料	CuSn				
Contact plating/针孔镀层材料	Au				

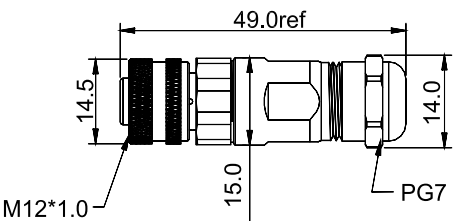
M12 Circular connectors

Female assembly connector

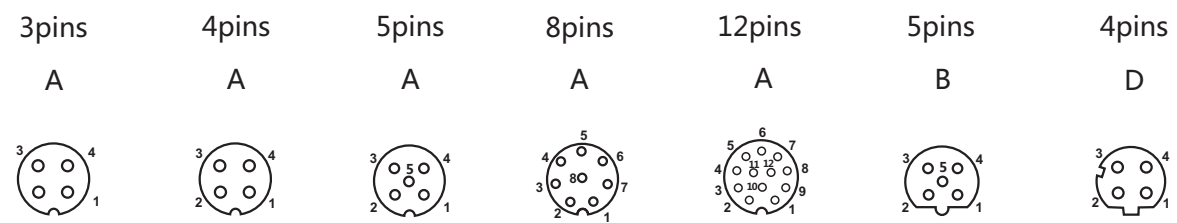
Product figure (PG7 with shield)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	120103-02-005	ASM12AF03005
4pins	A	120104-02-005	ASM12AF04005
	D	120404-02-005	ASM12DF04005
5pins	A	120105-02-005	ASM12AF05005
	B	120205-02-001	ASM12BF05005
8pins	A	120108-02-005	ASM12AF08005
12pins	A	120112-02-001	ASM12AF12005

Specifications/技术参数

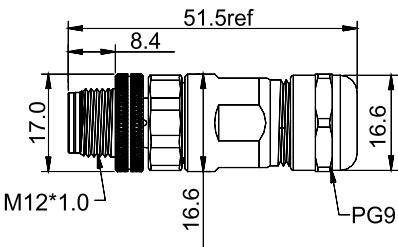
Number of contacts/芯数	3	4	5	8	12
Termination/接线方式	solder/焊接				
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)				
Cable OD/线材直径	4~6mm				
Operating temperature/工作温度	-25°C ~ +85°C				
Mechanical operation/插拔次数	> 100 mating cycles				
Rated voltage/额定电压	250V		60V	30V	
Rated current (40°C)/额定电流	4A			2A	1.5A
Protection degree/防护等级	IP67/IP68				
Contact resistance/接触电阻	< 10mΩ				
Insulation resistance/绝缘电阻	≥100MΩ				
Pin contact/插针材料	CuZn				
Socket contact/插孔材料	CuSn				
Contact plating/针孔镀层材料	Au				

M12 Circular connectors

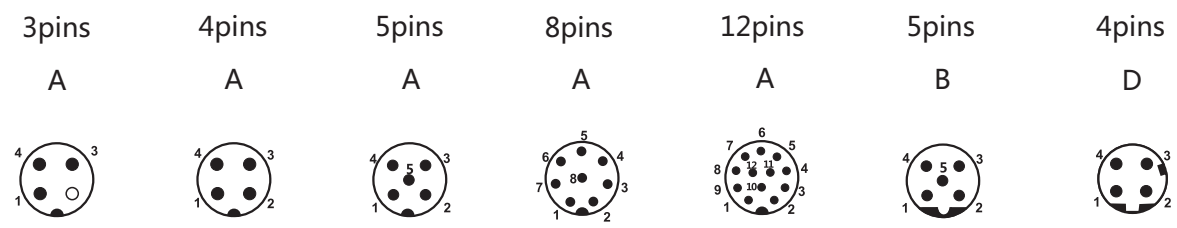
Male assembly connector

Product figure (PG9 with shield)

Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	120103-01-006	ASM12AM03006
4pins	A	120104-01-006	ASM12AM04006
	D	120404-01-006	ASM12DM04006
5pins	A	120105-01-006	ASM12AM05006
	B	120205-01-002	ASM12BM05006
8pins	A	120108-01-006	ASM12AM08006
12pins	A	120112-01-002	ASM12AM12006

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12
Termination/接线方式	solder/焊接				
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)				
Cable OD/线材直径	6~8mm				
Operating temperature/工作温度	-25°C~+85°C				
Mechanical operation/插拔次数	> 100 mating cycles				
Rated voltage/额定电压	250V		60V	30V	
Rated current (40°C)/额定电流	4A			2A	1.5A
Protection degree/防护等级	IP67/IP68				
Contact resistance/接触电阻	< 10mΩ				
Insulation resistance/绝缘电阻	≥100MΩ				
Pin contact/插针材料	CuZn				
Socket contact/插孔材料	CuSn				
Contact plating/针孔镀层材料	Au				

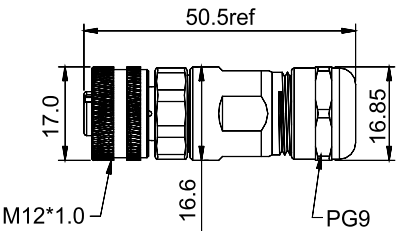
M12 Circular connectors

Female assembly connector

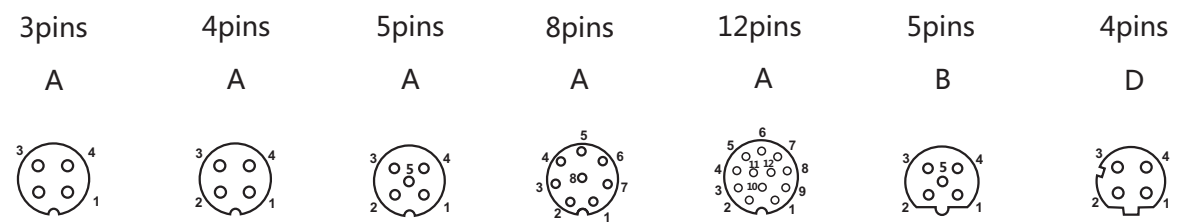
Product figure (PG9 with shield)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	120103-02-006	ASM12AF03006
4pins	A	120104-02-006	ASM12AF04006
	D	120404-02-006	ASM12DF04006
5pins	A	120105-02-006	ASM12AF05006
	B	120205-02-002	ASM12BF05006
8pins	A	120108-02-006	ASM12AF08006
12pins	A	120112-02-002	ASM12AF12006

Specifications/技术参数

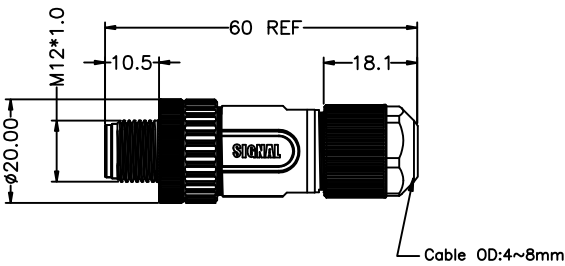
Number of contacts/芯数	3	4	5	8	12
Termination/接线方式	solder/焊接				
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)				
Cable OD/线材直径	6~8mm				
Operating temperature/工作温度	-25°C~+85°C				
Mechanical operation/插拔次数	> 100 mating cycles				
Rated voltage/额定电压	250V		60V	30V	
Rated current (40°C)/额定电流	4A			2A	1.5A
Protection degree/防护等级	IP67/IP68				
Contact resistance/接触电阻	< 10mΩ				
Insulation resistance/绝缘电阻	≥100MΩ				
Pin contact/插针材料	CuZn				
Socket contact/插孔材料	CuSn				
Contact plating/针孔镀层材料	Au				

M12 Circular connectors

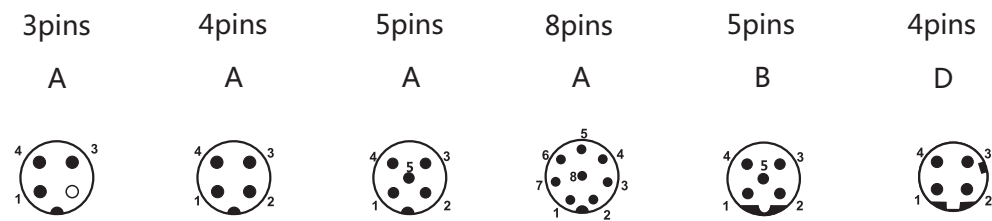
Male assembly connector

Product figure (PG9 with shield)

Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	120103-01-007S	—
4pins	A	120104-01-007S	—
	D	120404-01-007S	—
5pins	A	120105-01-007S	—
	B	120205-01-003S	—
8pins	A	120108-01-007S	—

Specifications/技术参数

Number of contacts/芯数	3	4	5	8
Termination/接线方式	screw clamp/锁螺丝			
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)			
Cable OD/线材直径	4~8mm			
Operating temperature/工作温度	-25℃~+85℃			
Mechanical operation/插拔次数	> 100 mating cycles			
Rated voltage/额定电压	250V		60V	30V
Rated current (40℃)/额定电流	4A			2A
Protection degree/防护等级	IP67			
Contact resistance/接触电阻	< 10mΩ			
Insulation resistance/绝缘电阻	≥100MΩ			
Pin contact/插针材料	CuZn			
Socket contact/插孔材料	CuSn			
Contact plating/针孔镀层材料	Au			

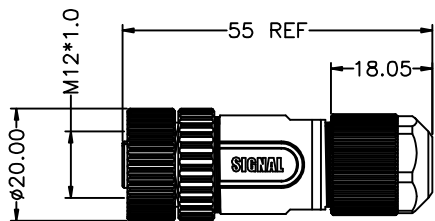
M12 Circular connectors

Female assembly connector

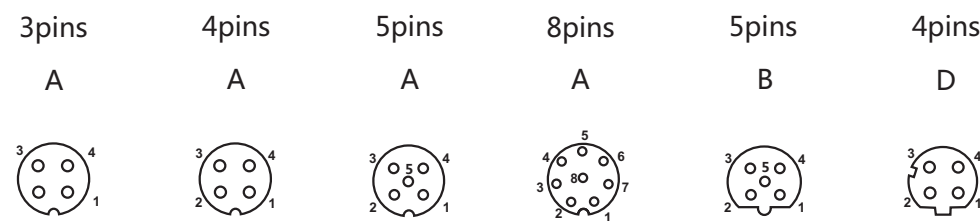
Product figure (PG9 with shield)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	120103-02-007S	—
4pins	A	120104-02-007S	—
	D	120404-02-007S	—
5pins	A	120105-02-007S	—
	B	120205-02-003S	—
8pins	A	120108-02-007S	—

Specifications/技术参数

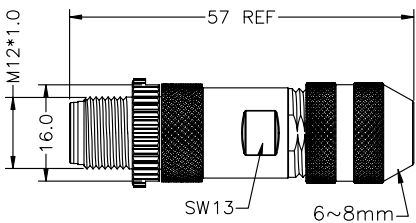
Number of contacts/芯数	3	4	5	8
Termination/接线方式	screw clamp/锁螺丝			
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)			
Cable OD/线材直径	4~8mm			
Operating temperature/工作温度	-25°C~+85°C			
Mechanical operation/插拔次数	> 100 mating cycles			
Rated voltage/额定电压	250V		60V	30V
Rated current (40°C)/额定电流	4A			2A
Protection degree/防护等级	IP67			
Contact resistance/接触电阻	< 10mΩ			
Insulation resistance/绝缘电阻	≥100MΩ			
Pin contact/插针材料	CuZn			
Socket contact/插孔材料	CuSn			
Contact plating/针孔镀层材料	Au			

M12 Circular connectors

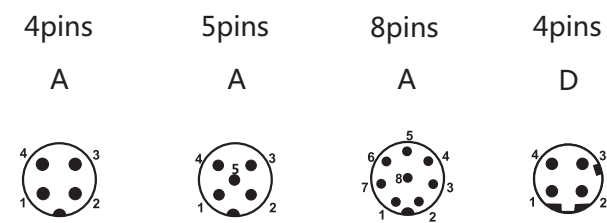
Male assembly connector

Product figure (PG9 with shield)

Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	A	120104-01-040	—
	D	120404-01-012	—
5pins	A	120105-01-042	—
8pins	A	120108-01-028	—

Specifications/技术参数

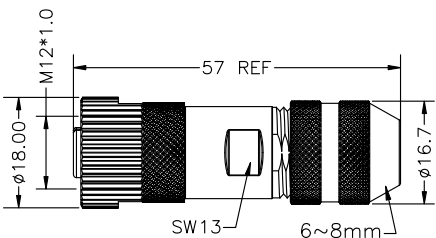
Number of contacts/芯数	4	5	8
Termination/接线方式	crimp/压接		
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)		
Cable OD/线材直径	6~8mm		
Operating temperature/工作温度	-25°C~+85°C		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	250V	60V	30V
Rated current (40°C)/额定电流	4A		2A
Protection degree/防护等级	IP67		
Contact resistance/接触电阻	< 10mΩ		
Insulation resistance/绝缘电阻	≥100MΩ		
Pin contact/插针材料	CuZn		
Socket contact/插孔材料	CuSn		
Contact plating/针孔镀层材料	Au		

M12 Circular connectors

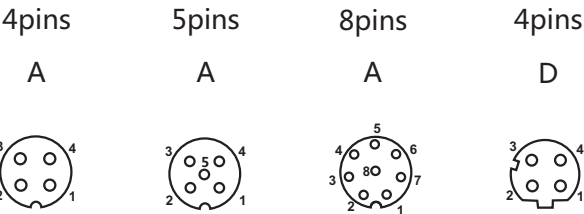
Female assembly connector

Product figure (PG9 with shield)

Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	A	120104-02-040	—
	D	120404-02-010	—
5pins	A	120105-02-041	—
8pins	A	120108-02-048	—

Specifications/技术参数

Number of contacts/芯数	4	5	8
Termination/接线方式	crimp/压接		
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)		
Cable OD/线材直径	6~8mm		
Operating temperature/工作温度	-25°C~+85°C		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	250V	60V	30V
Rated current (40°C)/额定电流	4A		2A
Protection degree/防护等级	IP67		
Contact resistance/接触电阻	< 10mΩ		
Insulation resistance/绝缘电阻	≥100MΩ		
Pin contact/插针材料	CuZn		
Socket contact/插孔材料	CuSn		
Contact plating/针孔镀层材料	Au		

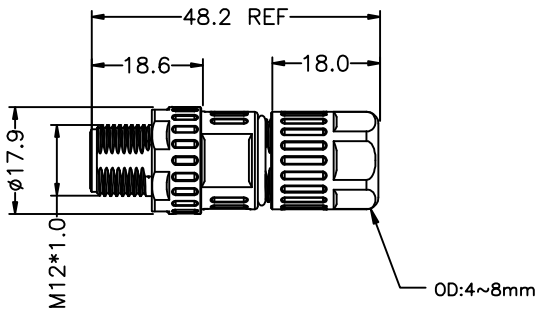
M12 Circular connectors

Male assembly connector

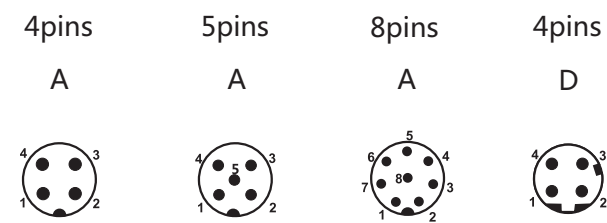
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	A	120104-01-034	—
	D	120404-01-040	—
5pins	A	120105-01-040	—
8pins	A	120108-01-039	—

Specifications/技术参数

Number of contacts/芯数	3	4	5	8
Termination/接线方式	crimp/压接			
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)			
Cable OD/线材直径	4~8mm			
Operating temperature/工作温度	-25℃~+85℃			
Mechanical operation/插拔次数	> 100 mating cycles			
Rated voltage/额定电压	250V		60V	30V
Rated current (40℃)/额定电流	4A			2A
Protection degree/防护等级	IP67			
Contact resistance/接触电阻	< 10mΩ			
Insulation resistance/绝缘电阻	≥100MΩ			
Pin contact/插针材料	CuZn			
Socket contact/插孔材料	CuSn			
Contact plating/针孔镀层材料	Au			

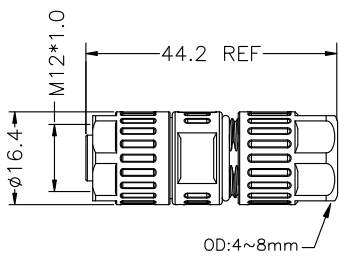
M12 Circular connectors

Female assembly connector

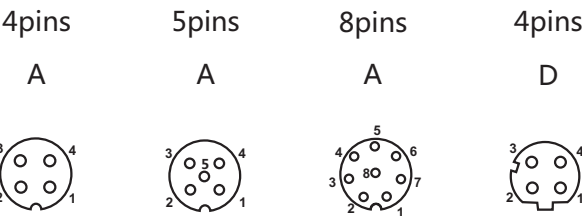
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	A	120104-02-041	—
	D	120404-02-033	—
5pins	A	120105-02-042	—
8pins	A	120108-02-044	—

Specifications/技术参数

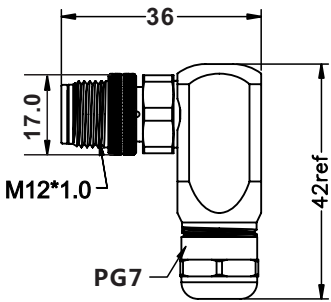
Number of contacts/芯数	4	5	8
Termination/接线方式	crimp/压接		
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)		
Cable OD/线材直径	4~8mm		
Operating temperature/工作温度	-25°C~+85°C		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	250V	60V	30V
Rated current (40°C)/额定电流	4A		2A
Protection degree/防护等级	IP67		
Contact resistance/接触电阻	< 10mΩ		
Insulation resistance/绝缘电阻	≥100MΩ		
Pin contact/插针材料	CuZn		
Socket contact/插孔材料	CuSn		
Contact plating/针孔镀层材料	Au		

M12 Circular connectors

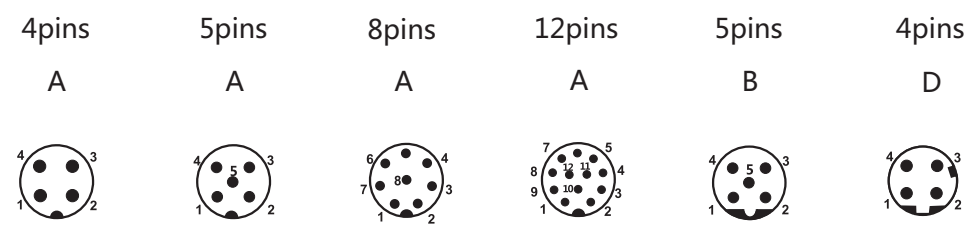
Male assembly connector (90°)

Product figure (PG7 with shield)

Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	A	120104-01-010	ASM12AM04013
	D	120404-01-010	ASM12DM04013
5pins	A	120105-01-011	ASM12AM05013
	B	120205-01-009	ASM12BM05013
8pins	A	120108-01-015	ASM12AM08012
12pins	A	120112-01-008	ASM12AM12011

Specifications/技术参数

Number of contacts/芯数	4	5	8	12
Termination/接线方式	solder/焊接			
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)			
Cable OD/线材直径	4~6mm			
Operating temperature/工作温度	-25°C~+85°C			
Mechanical operation/插拔次数	> 100 mating cycles			
Rated voltage/额定电压	250V	60V	30V	
Rated current (40°C)/额定电流	4A		2A	1.5A
Protection degree/防护等级	IP67/IP68			
Contact resistance/接触电阻	< 10mΩ			
Insulation resistance/绝缘电阻	≥100MΩ			
Pin contact/插针材料	CuZn			
Socket contact/插孔材料	CuSn			
Contact plating/针孔镀层材料	Au			

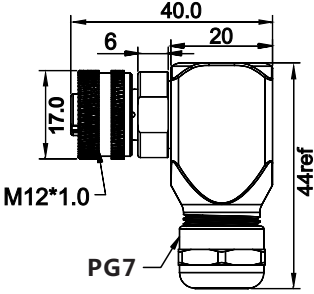
M12 Circular connectors

Female assembly connector (90°)

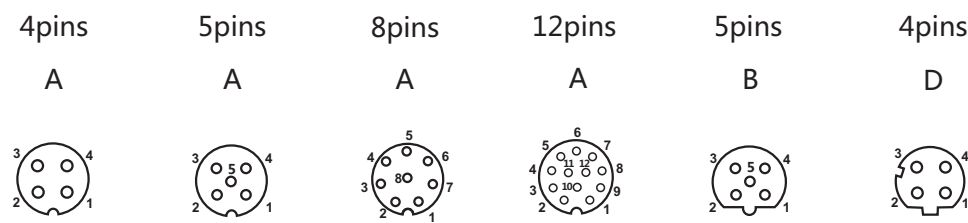
Product figure (PG7 with shield)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	A	120104-02-008	ASM12AF04008
	D	120404-02-008	ASM12DF04008
5pins	A	120105-02-008	ASM12AF05008
	B	120205-02-004	ASM12BF05008
8pins	A	120108-02-031	ASM12AF08012
12pins	A	120112-02-003	ASM12AF12008

Specifications/技术参数

Number of contacts/芯数	4	5	8	12
Termination/接线方式	solder/焊接			
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)			
Cable OD/线材直径	4~6mm			
Operating temperature/工作温度	-25°C~+85°C			
Mechanical operation/插拔次数	> 100 mating cycles			
Rated voltage/额定电压	250V	60V	30V	
Rated current (40°C)/额定电流	4A		2A	1.5A
Protection degree/防护等级	IP67/IP68			
Contact resistance/接触电阻	< 10mΩ			
Insulation resistance/绝缘电阻	≥100MΩ			
Pin contact/插针材料	CuZn			
Socket contact/插孔材料	CuSn			
Contact plating/针孔镀层材料	Au			

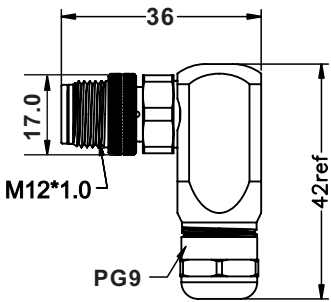
M12 Circular connectors

Male assembly connector (90°)

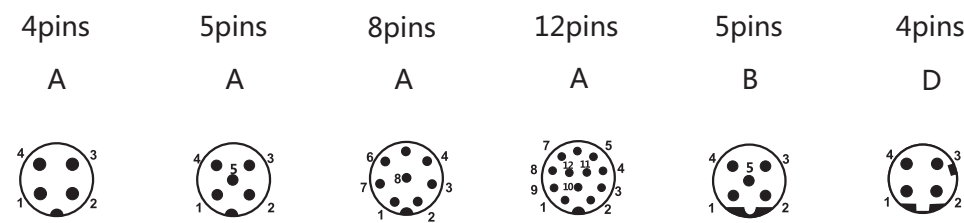
Product figure (PG9 with shield)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	A	120104-01-021	ASM12AM04011
	D	120404-01-021	ASM12DM04012
5pins	A	120105-01-021	ASM12AM05011
	B	120205-01-021	ASM12BM05012
8pins	A	120108-01-011	ASM12AM08013
12pins	A	120112-01-021	ASM12AM12007

Specifications/技术参数

Number of contacts/芯数	4	5	8	12
Termination/接线方式	solder/焊接			
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)			
Cable OD/线材直径	6~8mm			
Operating temperature/工作温度	-25°C~+85°C			
Mechanical operation/插拔次数	> 100 mating cycles			
Rated voltage/额定电压	250V	60V	30V	
Rated current (40°C)/额定电流	4A		2A	1.5A
Protection degree/防护等级	IP67/IP68			
Contact resistance/接触电阻	< 10mΩ			
Insulation resistance/绝缘电阻	≥100MΩ			
Pin contact/插针材料	CuZn			
Socket contact/插孔材料	CuSn			
Contact plating/针孔镀层材料	Au			

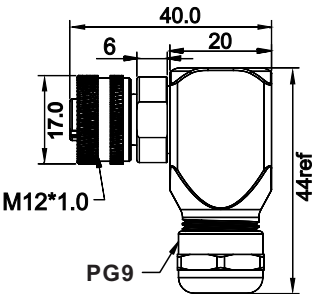
M12 Circular connectors

Female assembly connector (90°)

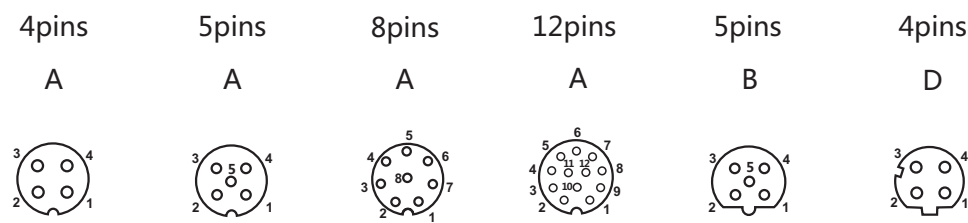
Product figure (PG9 with shield)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	A	120104-02-021	ASM12AF04011
	D	120404-02-021	ASM12DF04009
5pins	A	120105-02-021	ASM12AF05011
	B	120205-02-021	ASM12BF05012
8pins	A	120108-02-014	ASM12AF08008
12pins	A	120112-02-021	ASM12AF12007

Specifications/技术参数

Number of contacts/芯数	4	5	8	12
Termination/接线方式	solder/焊接			
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)			
Cable OD/线材直径	6~8mm			
Operating temperature/工作温度	-25°C~+85°C			
Mechanical operation/插拔次数	> 100 mating cycles			
Rated voltage/额定电压	250V	60V	30V	
Rated current (40°C)/额定电流	4A		2A	1.5A
Protection degree/防护等级	IP67/IP68			
Contact resistance/接触电阻	< 10mΩ			
Insulation resistance/绝缘电阻	≥100MΩ			
Pin contact/插针材料	CuZn			
Socket contact/插孔材料	CuSn			
Contact plating/针孔镀层材料	Au			

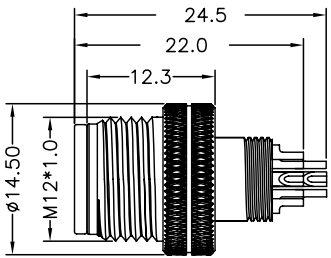
M12 Circular connectors

Male connector for over-molding

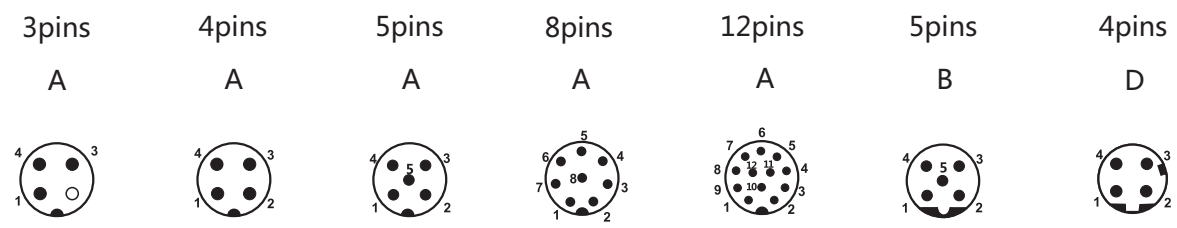
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
2pins	A	120102-20-001	M12AM02001
3pins	A	120103-20-001	M12AM03001
4pins	A	120104-20-001	M12AM04001
	D	120404-20-002	M12DM04002
5pins	A	120105-20-001	M12AM05001
	B	120205-20-001	M12BM05001
8pins	A	120108-20-001	M12AM08001
12pins	A	120112-20-001	M12AM12001

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12
Termination/接线方式	solder/焊接				
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)				
Operating temperature/工作温度	-25°C ~ +85°C				
Mechanical operation/插拔次数	> 100 mating cycles				
Rated voltage/额定电压	250V		60V	30V	
Rated current (40°C)/额定电流	4A			2A	1.5A
Protection degree/防护等级	IP67/IP68				
Contact resistance/接触电阻	< 10mΩ				
Insulation resistance/绝缘电阻	≥100MΩ				
Pin contact/插针材料	CuZn				
Socket contact/插孔材料	CuSn				
Contact plating/针孔镀层材料	Au				

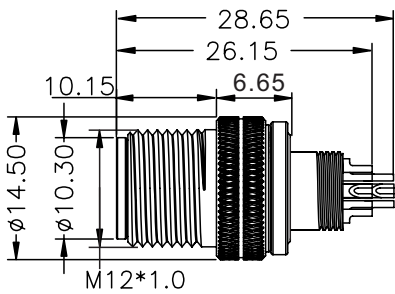
M12 Circular connectors

Male connector for over-molding

Product figure



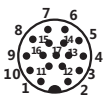
Scale diagram



Contact layout/针孔排布 (Front view/前视图)

17pins

A



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
17pins	A	120117-20-001	M12AM17001

Specifications/技术参数

Number of contacts/芯数	17
Termination/接线方式	solder/焊接
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)
Operating temperature/工作温度	-25°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	30V
Rated current (40°C)/额定电流	1.5A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	< 10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

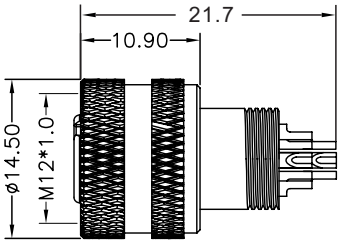
M12 Circular connectors

Female connector for over-molding

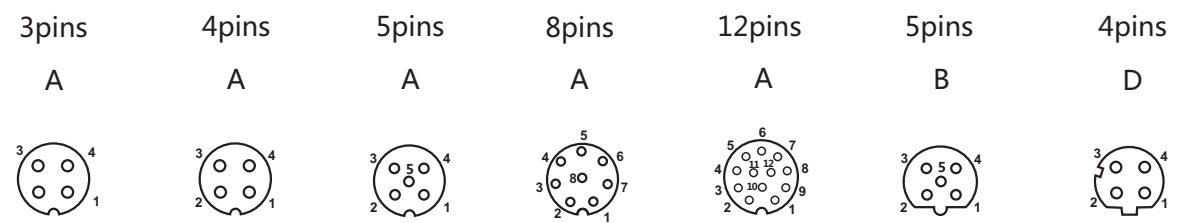
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
2pins	A	120102-21-001	M12AF02001
3pins	A	120103-21-001	M12AF03001
4pins	A	120104-21-001	M12AF04001
	D	120404-21-002	M12DF04002
5pins	A	120105-21-001	M12AF05001
	B	120205-21-001	M12BF05001
8pins	A	120108-21-001	M12AF08001
12pins	A	120112-21-001	M12AF12001

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12
Termination/接线方式	solder/焊接				
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)				
Operating temperature/工作温度	-25°C ~ +85°C				
Mechanical operation/插拔次数	> 100 mating cycles				
Rated voltage/额定电压	250V		60V	30V	
Rated current (40°C)/额定电流	4A			2A	1.5A
Protection degree/防护等级	IP67/IP68				
Contact resistance/接触电阻	< 10mΩ				
Insulation resistance/绝缘电阻	≥100MΩ				
Pin contact/插针材料	CuZn				
Socket contact/插孔材料	CuSn				
Contact plating/针孔镀层材料	Au				

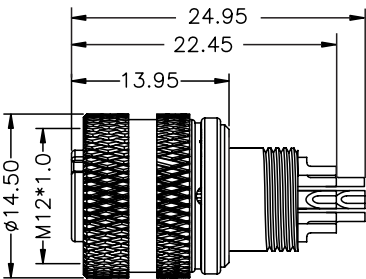
M12 Circular connectors

Female connector for over-molding

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

17pins

A



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
17pins	A	120117-21-001	M12AF17001

Specifications/技术参数

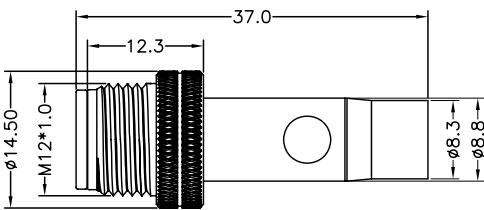
Number of contacts/芯数	17
Termination/接线方式	solder/焊接
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)
Operating temperature/工作温度	-25°C~+85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	30V
Rated current (40°C)/额定电流	1.5A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	< 10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

M12 Circular connectors

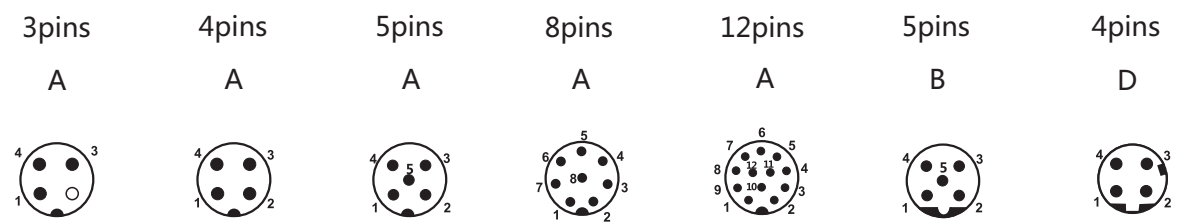
Male connector for over-molding

Product figure (with shield)

Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
2pins	A	120102-20-002	M12AM02002
3pins	A	120103-20-002	M12AM03002
4pins	A	120104-20-002	M12AM04002
	D	120404-20-001	M12DM04001
5pins	A	120105-20-002	M12AM05002
	B	120205-20-002	M12BM05002
8pins	A	120108-20-002	M12AM08002
12pins	A	120112-20-002	M12AM12002

Specifications/技术参数

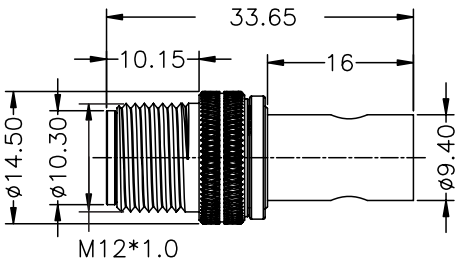
Number of contacts/芯数	3	4	5	8	12
Termination/接线方式	solder/焊接				
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)				
Operating temperature/工作温度	-25°C ~ +85°C				
Mechanical operation/插拔次数	> 100 mating cycles				
Rated voltage/额定电压	250V		60V	30V	
Rated current (40°C)/额定电流	4A			2A	1.5A
Protection degree/防护等级	IP67/IP68				
Contact resistance/接触电阻	< 10mΩ				
Insulation resistance/绝缘电阻	≥100MΩ				
Pin contact/插针材料	CuZn				
Socket contact/插孔材料	CuSn				
Contact plating/针孔镀层材料	Au				

Male connector for over-molding

Product figure (with shield)



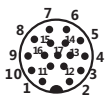
Scale diagram



Contact layout/针孔排布 (Front view/前视图)

17pins

A



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
17pins	A	120117-20-002	M12AM17002

Specifications/技术参数

Number of contacts/芯数	17
Termination/接线方式	solder/焊接
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)
Operating temperature/工作温度	-25°C~+85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	30V
Rated current (40°C)/额定电流	1.5A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	< 10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

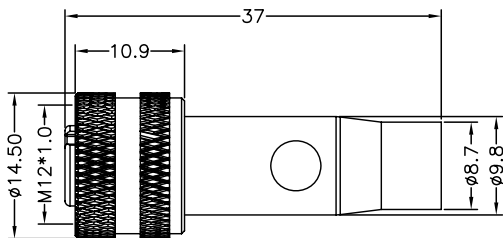
M12 Circular connectors

Female connector for over-molding

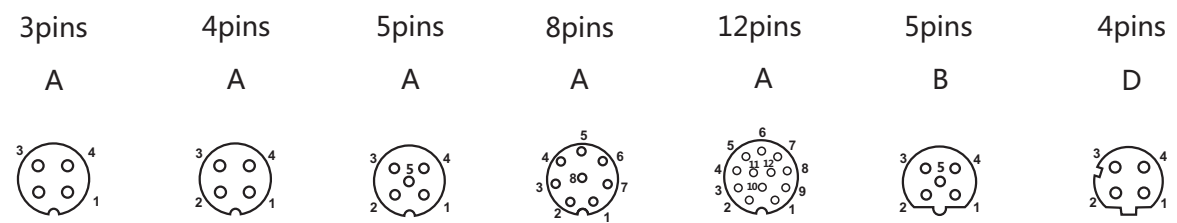
Product figure (with shield)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
2pins	A	120102-21-002	M12AF02002
3pins	A	120103-21-002	M12AF03002
4pins	A	120104-21-002	M12AF04002
	D	120404-21-001	M12DF04001
5pins	A	120105-21-002	M12AF05002
	B	120205-21-002	M12BF05002
8pins	A	120108-21-002	M12AF08002
12pins	A	120112-21-002	M12AF12002

Specifications/技术参数

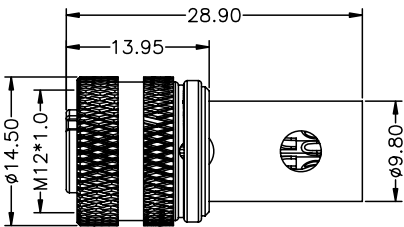
Number of contacts/芯数	3	4	5	8	12
Termination/接线方式	solder/焊接				
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)				
Operating temperature/工作温度	-25°C ~ +85°C				
Mechanical operation/插拔次数	> 100 mating cycles				
Rated voltage/额定电压	250V		60V	30V	
Rated current (40°C)/额定电流	4A			2A	1.5A
Protection degree/防护等级	IP67/IP68				
Contact resistance/接触电阻	< 10mΩ				
Insulation resistance/绝缘电阻	≥100MΩ				
Pin contact/插针材料	CuZn				
Socket contact/插孔材料	CuSn				
Contact plating/针孔镀层材料	Au				

Female connector for over-molding

Product figure (with shield)



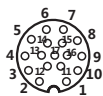
Scale diagram



Contact layout/针孔排布 (Front view/前视图)

17pins

A



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
17pins	A	120117-21-002	M12AF17002

Specifications/技术参数

Number of contacts/芯数	17
Termination/接线方式	solder/焊接
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)
Operating temperature/工作温度	-25°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	30V
Rated current (40°C)/额定电流	1.5A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	< 10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

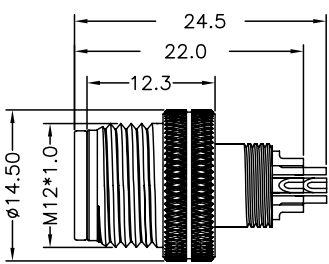
M12 Circular connectors

Male connector for over-molding

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

C



4pins

C



5pins

C



6pins

C



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	C	120303-20-001	M12CM03001
4pins	C	120304-20-001	M12CM04001
5pins	C	120305-20-001	M12CM05001
6pins	C	120306-20-001	M12CM06001

Specifications/技术参数

Number of contacts/芯数	3	4	5	6
Termination/接线方式	solder/焊接			
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)			
Operating temperature/工作温度	-25°C ~ +85°C			
Mechanical operation/插拔次数	> 100 mating cycles			
Rated voltage/额定电压	250V		60V	30V
Rated current (40°C)/额定电流	4A		2A	
Protection degree/防护等级	IP67			
Contact resistance/接触电阻	< 10mΩ			
Insulation resistance/绝缘电阻	≥100MΩ			
Pin contact/插针材料	CuZn			
Socket contact/插孔材料	CuSn			
Contact plating/针孔镀层材料	Au			



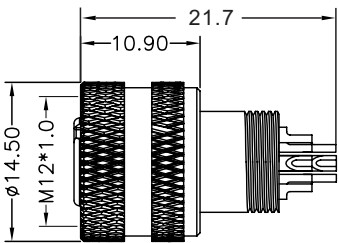
M12 Circular connectors

Female connector for over-molding

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

4pins

5pins

6pins

C

C

C

C



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	C	120303-21-001	M12CF03001
4pins	C	120304-21-001	M12CF04001
5pins	C	120305-21-001	M12CF05001
6pins	C	120306-21-001	M12CF06001

Specifications/技术参数

Number of contacts/芯数	3	4	5	6
Termination/接线方式	solder/焊接			
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)			
Operating temperature/工作温度	-25°C ~ +85°C			
Mechanical operation/插拔次数	> 100 mating cycles			
Rated voltage/额定电压	250V		60V	30V
Rated current (40°C)/额定电流	4A		2A	
Protection degree/防护等级	IP67			
Contact resistance/接触电阻	< 10mΩ			
Insulation resistance/绝缘电阻	≥100MΩ			
Pin contact/插针材料	CuZn			
Socket contact/插孔材料	CuSn			
Contact plating/针孔镀层材料	Au			

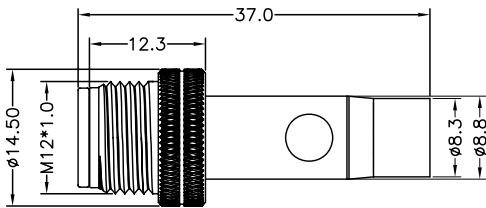
M12 Circular connectors

Male connector for over-molding

Product figure (with shield)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

C



4pins

C



5pins

C



6pins

C



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	C	120303-20-002	M12CM03002
4pins	C	120304-20-002	M12CM04002
5pins	C	120305-20-002	M12CM05002
6pins	C	120306-20-002	M12CM06002

Specifications/技术参数

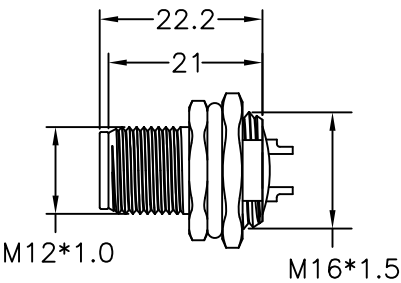
Number of contacts/芯数	3	4	5	6
Termination/接线方式	solder/焊接			
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)			
Operating temperature/工作温度	-25°C ~ +85°C			
Mechanical operation/插拔次数	> 100 mating cycles			
Rated voltage/额定电压	250V		60V	30V
Rated current (40°C)/额定电流	4A		2A	
Protection degree/防护等级	IP67			
Contact resistance/接触电阻	< 10mΩ			
Insulation resistance/绝缘电阻	≥100MΩ			
Pin contact/插针材料	CuZn			
Socket contact/插孔材料	CuSn			
Contact plating/针孔镀层材料	Au			

M12 Circular connectors

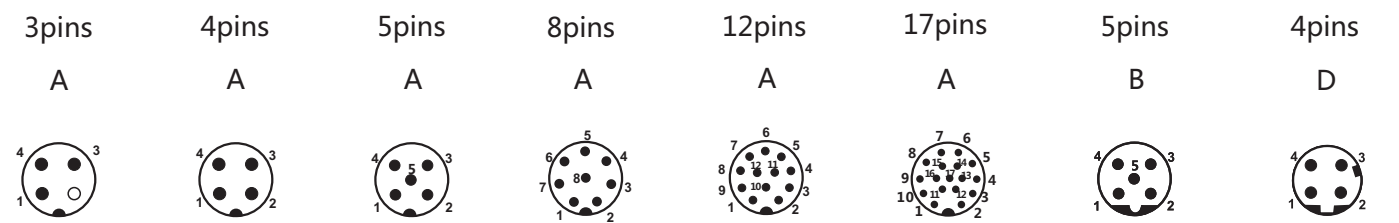
Male panel connector

Product figure (M16*1.5 rear fastened solder)

Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
2pins	A	120102-03-001	PMM12BAM02001
3pins	A	120103-03-001	PMM12BAM03001
4pins	A	120104-03-001	PMM12BAM04001
	D	120404-03-019	PMM12BDM04017
5pins	A	120105-03-001	PMM12BAM05001
	B	120205-03-001	PMM12BBM05001
8pins	A	120108-03-001	PMM12BAM08001
12pins	A	120112-03-001	PMM12BAM12001
17pins	A	120117-03-001	PMM12BAM17001

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12	17
Termination/接线方式	solder/焊线式					
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)					
Operating temperature/工作温度	-25℃ ~ +80℃					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	250V		60V	30V		
Rated current (40℃)/额定电流	4A			2A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

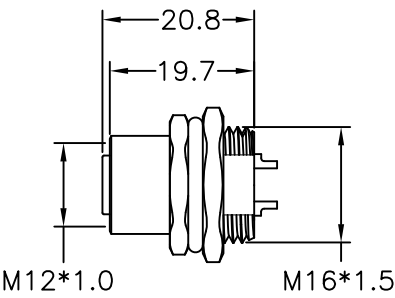
M12 Circular connectors

Female panel connector

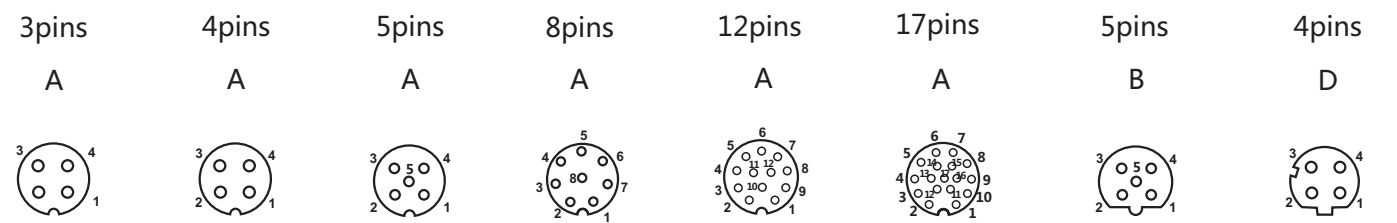
Product figure (M16*1.5 rear fastened solder)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
2pins	A	120102-04-001	PMM12BAF02001
3pins	A	120103-04-001	PMM12BAF03001
4pins	A	120104-04-001	PMM12BAF04001
	D	120404-04-007	PMM12BDF04006
5pins	A	120105-04-001	PMM12BAF05001
	B	120205-04-001	PMM12BBF05001
8pins	A	120108-04-001	PMM12BAF08001
12pins	A	120112-04-001	PMM12BAF12001
17pins	A	120117-04-001	PMM12BAF17001

Specifications/技术参数

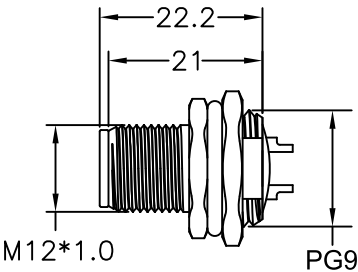
Number of contacts/芯数	3	4	5	8	12	17
Termination/接线方式	solder/焊线式					
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)					
Operating temperature/工作温度	-25℃~+80℃					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	250V		60V	30V		
Rated current (40℃)/额定电流	4A			2A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

M12 Circular connectors

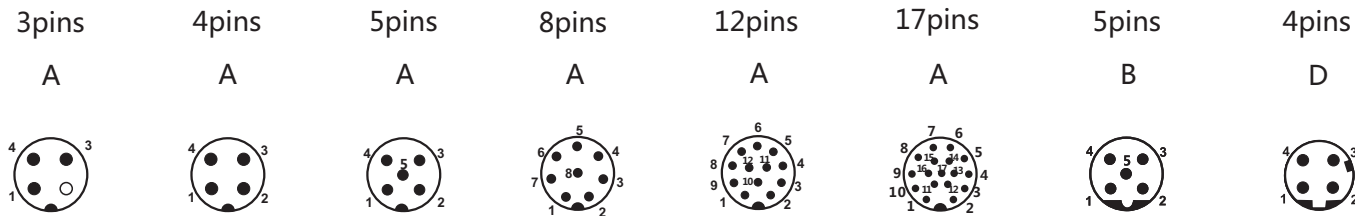
Male panel connector

Product figure (PG9 rear fastened solder)

Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
2pins	A	120102-03-002	PMM12BAM02002
3pins	A	120103-03-002	PMM12BAM03002
4pins	A	120104-03-002	PMM12BAM04002
	D	120404-03-001	PMM12BDM04001
5pins	A	120105-03-002	PMM12BAM05002
	B	120205-03-002	PMM12BBM05002
8pins	A	120108-03-002	PMM12BAM08002
12pins	A	120112-03-002	PMM12BAM12002
17pins	A	120117-03-002	PMM12BAM17002

Specifications/技术参数

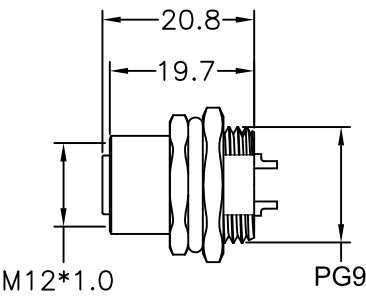
Number of contacts/芯数	3	4	5	8	12	17
Termination/接线方式	solder/焊线式					
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)					
Operating temperature/工作温度	-25℃~ +80℃					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	250V		60V	30V		
Rated current (40℃)/额定电流	4A			2A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	<10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

M12 Circular connectors

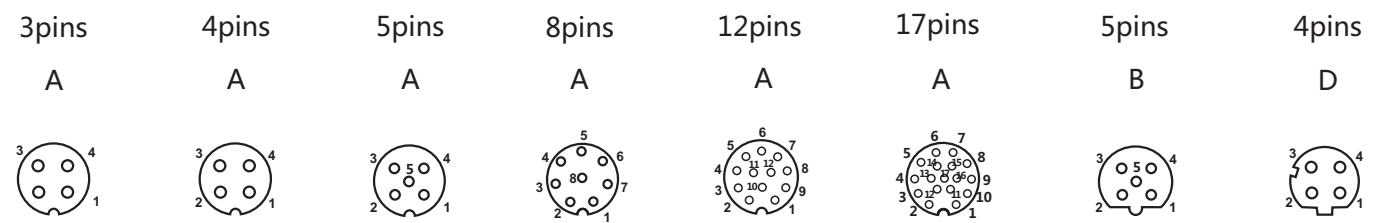
Female panel connector

Product figure (PG9 rear fastened solder)

Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
2pins	A	120102-04-002	PMM12BAF02002
3pins	A	120103-04-002	PMM12BAF03002
4pins	A	120104-04-002	PMM12BAF04002
	D	120404-04-003	PMM12BDF04002
5pins	A	120105-04-002	PMM12BAF05002
	B	120205-04-002	PMM12BBF05002
8pins	A	120108-04-002	PMM12BAF08002
12pins	A	120112-04-002	PMM12BAF12002
17pins	A	120117-04-002	PMM12BAF17002

Specifications/技术参数

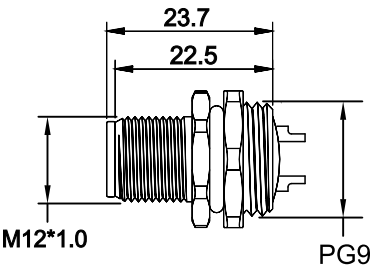
Number of contacts/芯数	3	4	5	8	12	17
Termination/接线方式	solder/焊线式					
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)					
Operating temperature/工作温度	-25℃~+80℃					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	250V		60V	30V		
Rated current (40℃)/额定电流	4A			2A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

M12 Circular connectors

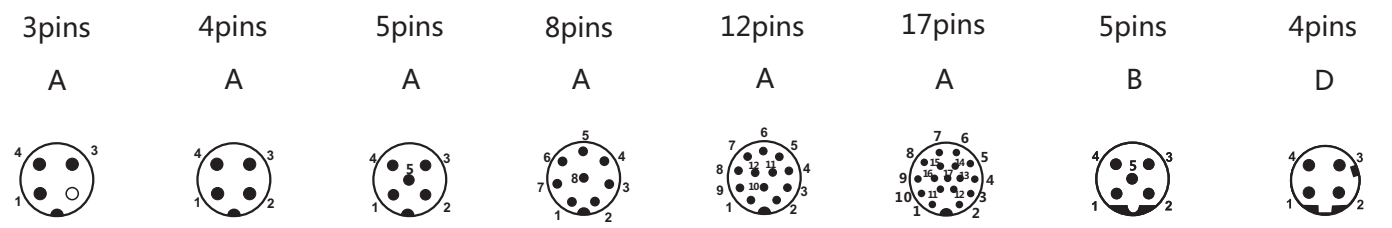
Male panel connector

Product figure (rear fastened PG9, long shell solder)

Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
2pins	A	120102-03-003	PMM12BAM02005
3pins	A	120103-03-003	PMM12BAM03005
4pins	A	120104-03-003	PMM12BAM04005
	D	120404-03-007	PMM12BDM04007
5pins	A	120105-03-003	PMM12BAM05005
	B	120205-03-007	PMM12BBM05007
8pins	A	120108-03-003	PMM12BAM08005
12pins	A	120112-03-003	PMM12BAM12005
17pins	A	120117-03-003	PMM12BAM17005

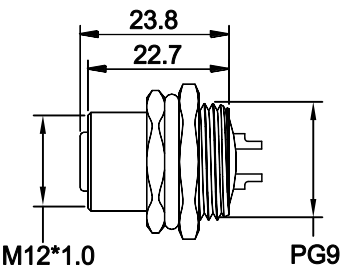
Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12	17
Termination/接线方式	solder/焊线式					
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)					
Operating temperature/工作温度	-25℃ ~ +80℃					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	250V		60V	30V		
Rated current (40℃)/额定电流	4A			2A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

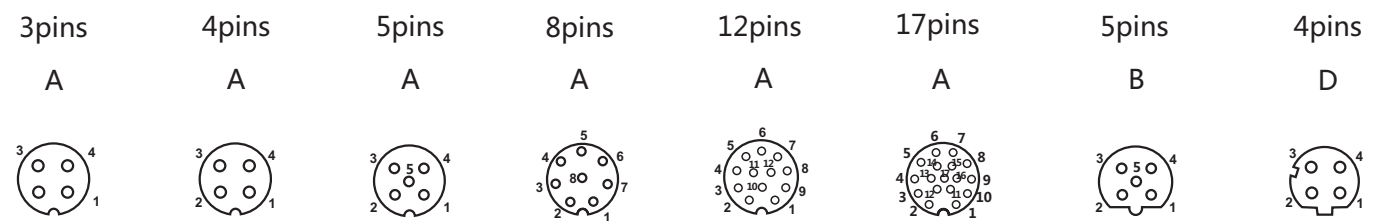
Female panel connector

Product figure (rear fastened PG9, long shell solder)

Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
2pins	A	120102-04-003	PMM12BAF02005
3pins	A	120103-04-003	PMM12BAF03005
4pins	A	120104-04-003	PMM12BAF04005
	D	120404-04-010	PMM12BDF04009
5pins	A	120105-04-003	PMM12BAF05005
	B	120205-04-005	PMM12BBF05005
8pins	A	120108-04-003	PMM12BAF08005
12pins	A	120112-04-003	PMM12BAF12005
17pins	A	120117-04-003	PMM12BAF17005

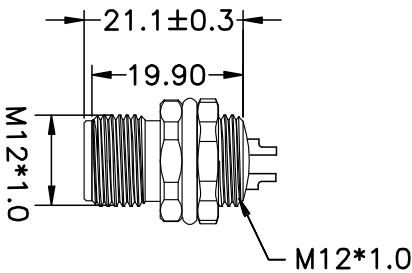
Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12	17
Termination/接线方式	solder/焊线式					
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)					
Operating temperature/工作温度	-25℃ ~ +80℃					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	250V		60V	30V		
Rated current (40℃)/额定电流	4A			2A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	<10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

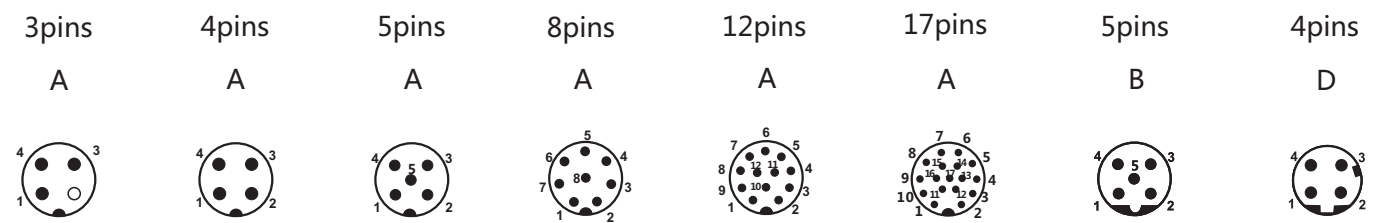
Male panel connector

Product figure (M12*1.0 rear fastened solder)

Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
2pins	A	120102-03-019	PMM12BAM02017
3pins	A	120103-03-021	PMM12BAM03017
4pins	A	120104-03-037	PMM12BAM04019
	D	120404-03-022	PMM12BDM04020
5pins	A	120105-03-033	PMM12BAM05019
	B	120205-03-019	PMM12BBM05017
8pins	A	120108-03-039	PMM12BAM08018
12pins	A	120112-03-025	PMM12BAM12019
17pins	A	120117-03-019	PMM12BAM17017

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12	17
Termination/接线方式	solder/焊线式					
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)					
Operating temperature/工作温度	-25℃~+80℃					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	250V		60V	30V		
Rated current (40℃)/额定电流	4A			2A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	<10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

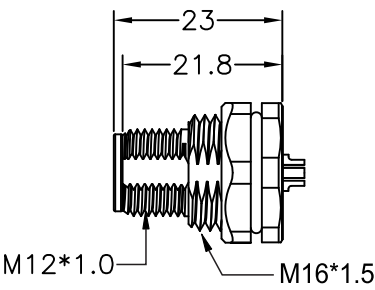
M12 Circular connectors

Male panel connector

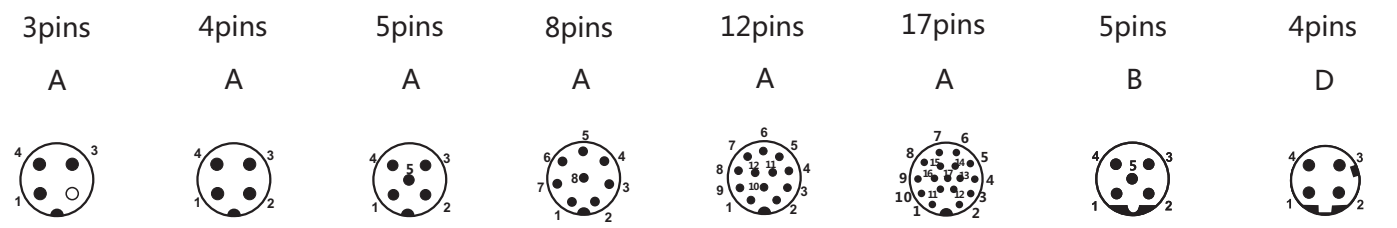
Product figure (M16*1.5 front fastened solder)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
2pins	A	120102-03-006	PMM12FAM02003
3pins	A	120103-03-006	PMM12FAM03003
4pins	A	120104-03-006	PMM12FAM04003
	D	120404-03-020	PMM12FDM04018
5pins	A	120105-03-022	PMM12FAM05003
	B	120205-03-003	PMM12FBM05003
8pins	A	120108-03-006	PMM12FAM08003
12pins	A	120112-03-006	PMM12FAM12003
17pins	A	120117-03-006	PMM12FAM17003

Specifications/技术参数

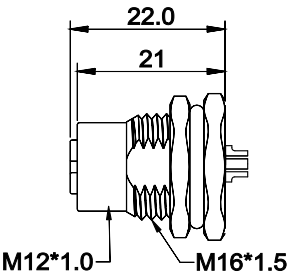
Number of contacts/芯数	3	4	5	8	12	17
Termination/接线方式	solder/焊线式					
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)					
Operating temperature/工作温度	-25℃~+80℃					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	250V		60V	30V		
Rated current (40℃)/额定电流	4A			2A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

M12 Circular connectors

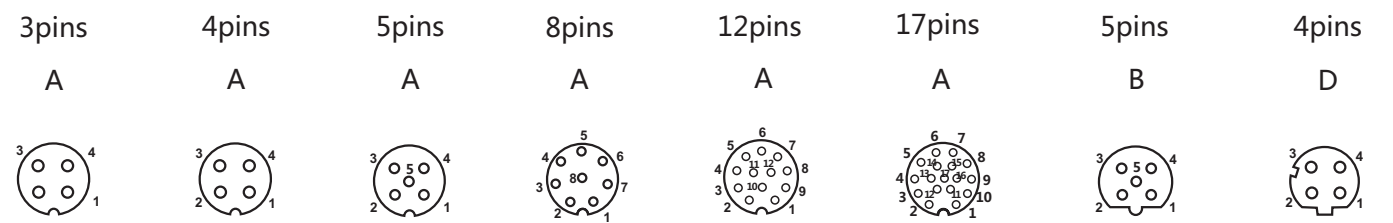
Female panel connector

Product figure (M16*1.5 front fastened solder)

Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
2pins	A	120102-04-006	PMM12FAF02003
3pins	A	120103-04-006	PMM12FAF03003
4pins	A	120104-04-006	PMM12FAF04003
	D	120404-04-008	PMM12FDF04007
5pins	A	120105-04-006	PMM12FAF05003
	B	120205-04-003	PMM12FBF05003
8pins	A	120108-04-006	PMM12FAF08003
12pins	A	120112-04-006	PMM12FAF12003
17pins	A	120117-04-006	PMM12FAF17003

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12	17
Termination/接线方式	solder/焊线式					
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)					
Operating temperature/工作温度	-25℃ ~ +80℃					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	250V		60V	30V		
Rated current (40℃)/额定电流	4A			2A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	<10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

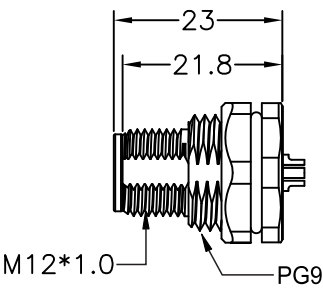
M12 Circular connectors

Male panel connector

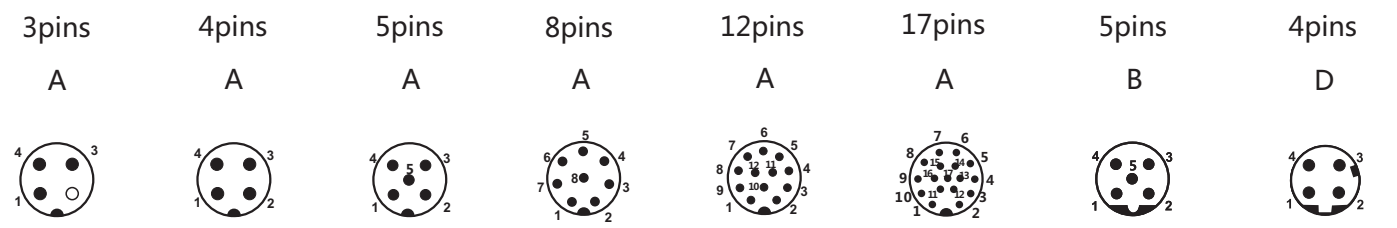
Product figure (PG9 front fastened solder)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
2pins	A	120102-03-007	PMM12FAM02004
3pins	A	120103-03-007	PMM12FAM03004
4pins	A	120104-03-007	PMM12FAM04004
	D	120404-03-021	PMM12FDM04019
5pins	A	120105-03-006	PMM12FAM05004
	B	120205-03-004	PMM12FBM05004
8pins	A	120108-03-007	PMM12FAM08004
12pins	A	120112-03-007	PMM12FAM12004
17pins	A	120117-03-007	PMM12FAM17004

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12	17
Termination/接线方式	solder/焊线式					
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)					
Operating temperature/工作温度	-25℃~+80℃					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	250V		60V	30V		
Rated current (40℃)/额定电流	4A			2A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

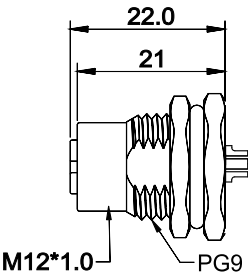
M12 Circular connectors

Female panel connector

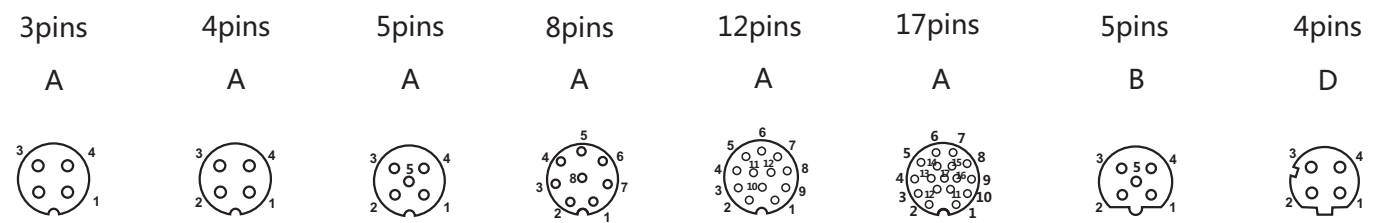
Product figure (PG9 front fastened solder)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
2pins	A	120102-04-007	PMM12FAF02004
3pins	A	120103-04-007	PMM12FAF03004
4pins	A	120104-04-007	PMM12FAF04004
	D	120404-04-009	PMM12FDF04012
5pins	A	120105-04-007	PMM12FAF05004
	B	120205-04-004	PMM12FBF05004
8pins	A	120108-04-007	PMM12FAF08004
12pins	A	120112-04-007	PMM12FAF12004
17pins	A	120117-04-007	PMM12FAF17004

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12	17
Termination/接线方式	solder/焊线式					
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)					
Operating temperature/工作温度	-25℃~ +80℃					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	250V		60V	30V		
Rated current (40℃)/额定电流	4A			2A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

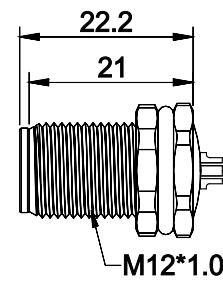
M12 Circular connectors

Male panel connector

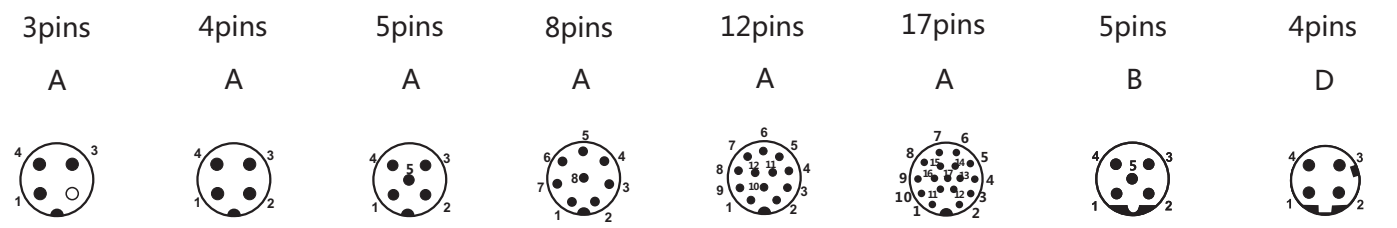
Product figure (M12*1.0 front fastened solder)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
2pins	A	120102-03-011	PMM12FAM02011
3pins	A	120103-03-011	PMM12FAM03011
4pins	A	120104-03-011	PMM12FAM04011
	D	120404-03-005	PMM12FDM04005
5pins	A	120105-03-010	PMM12FAM05011
	B	120205-03-005	PMM12FBM05005
8pins	A	120108-03-011	PMM12FAM08011
12pins	A	120112-03-011	PMM12FAM12011
17pins	A	120117-03-011	PMM12FAM17011

Specifications/技术参数

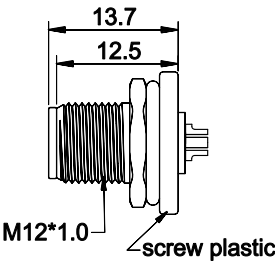
Number of contacts/芯数	3	4	5	8	12	17
Termination/接线方式	solder/焊线式					
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)					
Operating temperature/工作温度	-25℃~+80℃					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	250V		60V	30V		
Rated current (40℃)/额定电流	4A			2A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

M12 Circular connectors

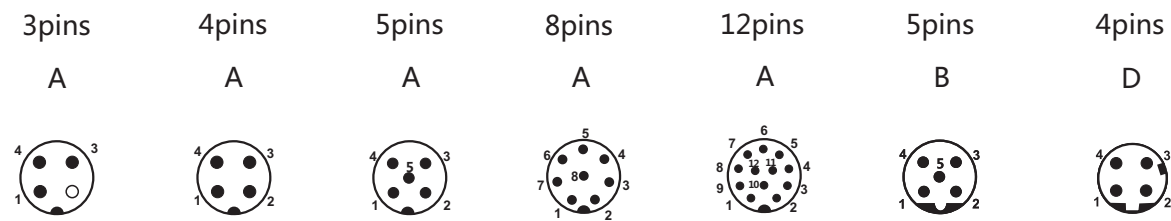
Male plastic panel connector

Product figure (M12*1.0 front fastened solder)

Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
2pins	A	120102-03-014	PMM12FAM02014
3pins	A	120103-03-014	PMM12FAM03014
4pins	A	120104-03-014	PMM12FAM04014
	D	120404-03-006	PMM12FDM04006
5pins	A	120105-03-013	PMM12FAM05014
	B	120205-03-006	PMM12FBM05006
8pins	A	120108-03-014	PMM12FAM08014
12pins	A	120112-03-014	PMM12FAM12014

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12	17
Termination/接线方式	solder/焊线式					
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)					
Operating temperature/工作温度	-25℃ ~ +80℃					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	250V		60V	30V		
Rated current (40℃)/额定电流	4A			2A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

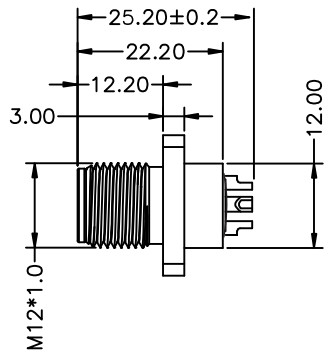
M12 Circular connectors

Male panel connector

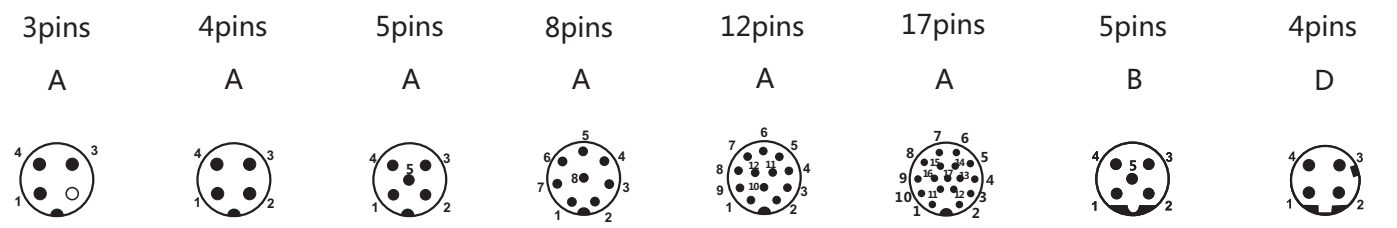
Product figure (flanged fixed solder)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
2pins	A	120102-03-017	PMM12LAM02001
3pins	A	120103-03-017	PMM12LAM03001
4pins	A	120104-03-018	PMM12LAM04001
	D	120404-03-008	PMM12LDM04001
5pins	A	120105-03-016	PMM12LAM05001
	B	120205-03-008	PMM12LBM05001
8pins	A	120108-03-017	PMM12LAM08001
12pins	A	120112-03-017	PMM12LAM12001
17pins	A	120117-03-017	PMM12LAM17001

Specifications/技术参数

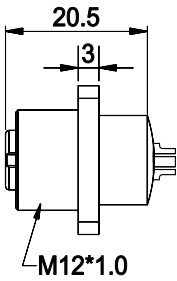
Number of contacts/芯数	3	4	5	8	12	17
Termination/接线方式	solder/焊线式					
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)					
Operating temperature/工作温度	-25℃~+80℃					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	250V		60V	30V		
Rated current (40℃)/额定电流	4A			2A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

M12 Circular connectors

Female panel connector

Product figure (flanged fixed solder)

Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

A



4pins

A



5pins

A



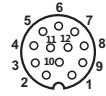
8pins

A



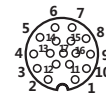
12pins

A



17pins

A



5pins

B



4pins

D



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
2pins	A	120102-04-012	PMM12LAF02001
3pins	A	120103-04-012	PMM12LAF03001
4pins	A	120104-04-012	PMM12LAF04001
	D	120404-04-011	PMM12LDF04001
5pins	A	120105-04-012	PMM12LAF05001
	B	120205-04-006	PMM12LBF05006
8pins	A	120108-04-012	PMM12LAF08001
12pins	A	120112-04-012	PMM12LAF12001
17pins	A	120117-04-012	PMM12LAF17001

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12	17
Termination/接线方式	solder/焊线式					
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)					
Operating temperature/工作温度	-25°C ~ +80°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	250V		60V	30V		
Rated current (40°C)/额定电流	4A			2A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	<10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

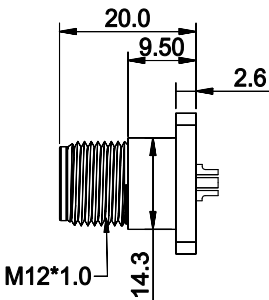
M12 Circular connectors

Male panel connector

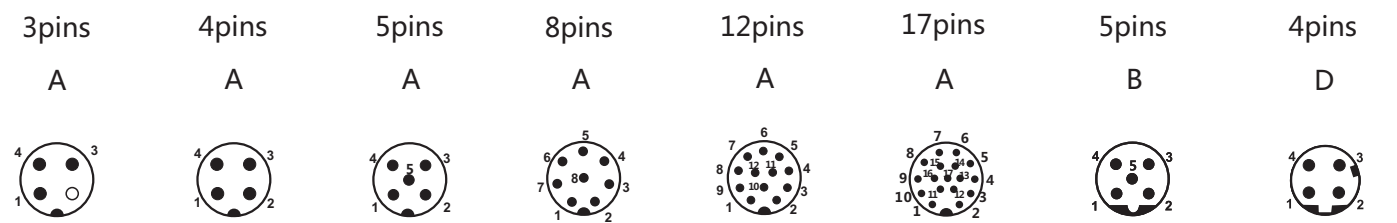
Product figure (flanged fixed solder)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
2pins	A	120102-03-018	PMM12LAM02002
3pins	A	120103-03-018	PMM12LAM03002
4pins	A	120104-03-019	PMM12LAM04002
	D	120404-03-009	PMM12LDM04002
5pins	A	120105-03-017	PMM12LAM05002
	B	120205-03-009	PMM12LBM05002
8pins	A	120108-03-018	PMM12LAM08002
12pins	A	120112-03-018	PMM12LAM12002
17pins	A	120117-03-018	PMM12LAM17002

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12	17
Termination/接线方式	solder/焊线式					
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)					
Operating temperature/工作温度	-25℃~+80℃					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	250V		60V	30V		
Rated current (40℃)/额定电流	4A			2A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

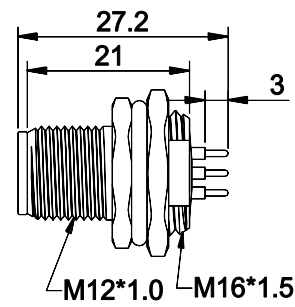
M12 Circular connectors

Male panel connector

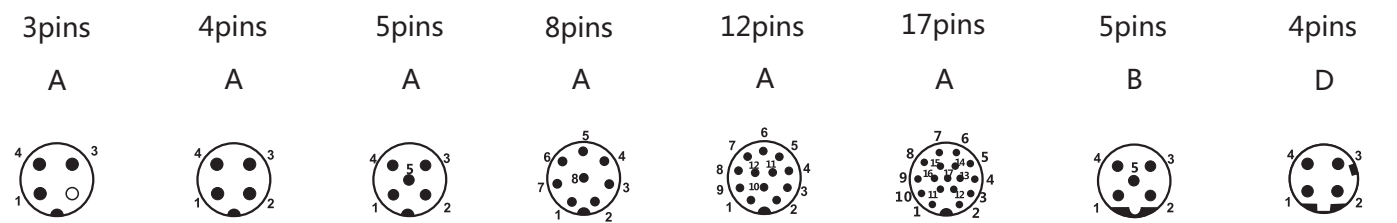
Product figure (M16*1.5 rear fastened DIP)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
2pins	A	120102-03-004	PMM12BAM02006
3pins	A	120103-03-004	PMM12BAM03006
4pins	A	120104-03-004	PMM12BAM04006
	D	120404-03-010	PMM12BDM04008
5pins	A	120105-03-004	PMM12BAM05006
	B	120205-03-010	PMM12BBM05008
8pins	A	120108-03-004	PMM12BAM08006
12pins	A	120112-03-004	PMM12BAM12006
17pins	A	120117-03-004	PMM12BAM17006

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12	17
Termination/接线方式	PCB/插板式					
Wire gauge/线规	—					
Operating temperature/工作温度	-25°C~+85°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	250V		60V	30V		
Rated current (40°C)/额定电流	4A			2A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

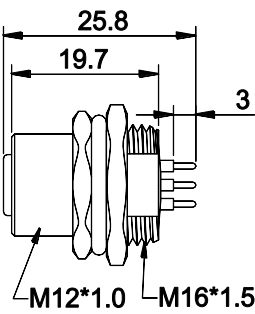
M12 Circular connectors

Female panel connector

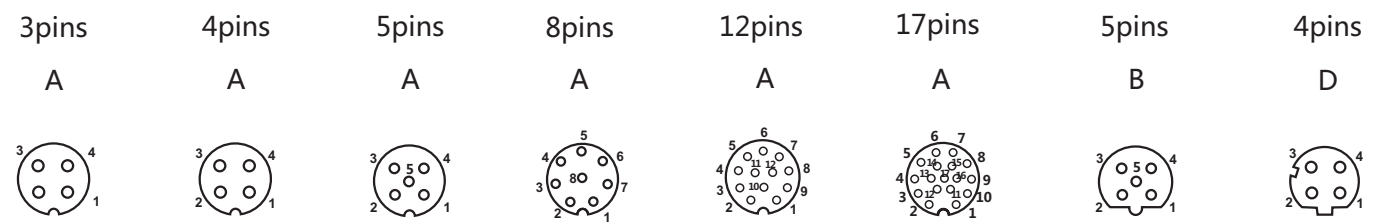
Product figure (M16*1.5 rear fastened DIP)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
2pins	A	120102-04-004	PMM12BAF02006
3pins	A	120103-04-004	PMM12BAF03006
4pins	A	120104-04-004	PMM12BAF04006
	D	120404-04-012	PMM12BDF04010
5pins	A	120105-04-004	PMM12BAF05006
	B	120205-04-007	PMM12BBF05007
8pins	A	120108-04-004	PMM12BAF08006
12pins	A	120112-04-004	PMM12BAF12006
17pins	A	120117-04-004	PMM12BAF17006

Specifications/技术参数

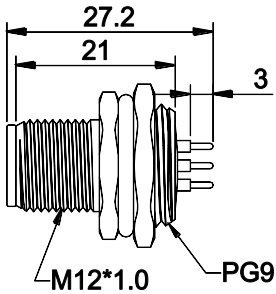
Number of contacts/芯数	3	4	5	8	12	17
Termination/接线方式	PCB/插板式					
Wire gauge/线规	—					
Operating temperature/工作温度	-25°C~+85°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	250V		60V	30V		
Rated current (40°C)/额定电流	4A			2A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

M12 Circular connectors

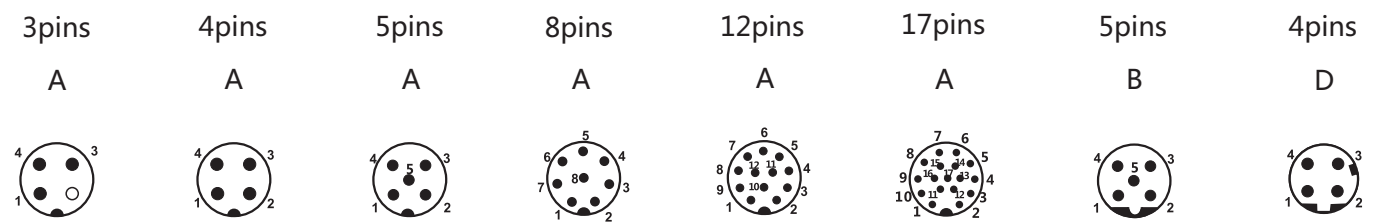
Male panel connector

Product figure (PG9 rear fastened DIP)

Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
2pins	A	120102-03-005	PMM12BAM02007
3pins	A	120103-03-005	PMM12BAM03007
4pins	A	120104-03-005	PMM12BAM04007
	D	120404-03-011	PMM12BDM04009
5pins	A	120105-03-005	PMM12BAM05007
	B	120205-03-011	PMM12BBM05009
8pins	A	120108-03-005	PMM12BAM08007
12pins	A	120112-03-005	PMM12BAM12007
17pins	A	120117-03-005	PMM12BAM17007

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12	17
Termination/接线方式	PCB/插板式					
Wire gauge/线规	—					
Operating temperature/工作温度	-25℃~+85℃					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	250V		60V	30V		
Rated current (40℃)/额定电流	4A			2A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

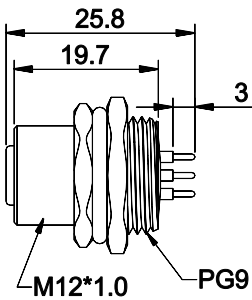
M12 Circular connectors

Female panel connector

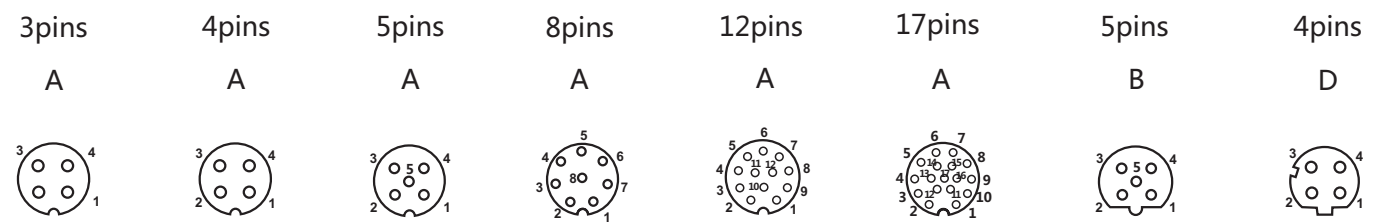
Product figure (PG9 rear fastened DIP)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
2pins	A	120102-04-005	PMM12BAF02007
3pins	A	120103-04-005	PMM12BAF03007
4pins	A	120104-04-005	PMM12BAF04007
	D	120404-04-013	PMM12BDF04011
5pins	A	120105-04-005	PMM12BAF05007
	B	120205-04-008	PMM12BBF05008
8pins	A	120108-04-005	PMM12BAF08007
12pins	A	120112-04-005	PMM12BAF12007
17pins	A	120117-04-005	PMM12BAF17007

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12	17
Termination/接线方式	PCB/插板式					
Wire gauge/线规	—					
Operating temperature/工作温度	-25℃~+85℃					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	250V		60V	30V		
Rated current (40℃)/额定电流	4A			2A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

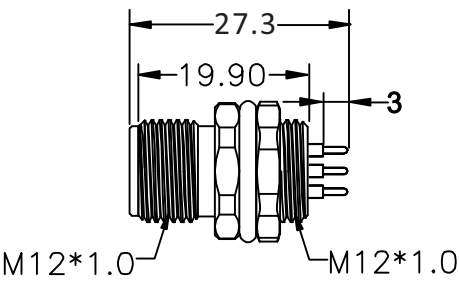
M12 Circular connectors

Male panel connector

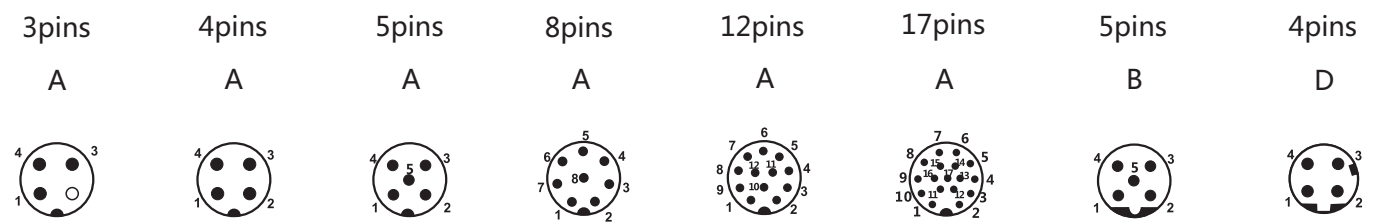
Product figure (M12*1.0 rear fastened DIP)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
2pins	A	120102-03-020	PMM12BAM02018
3pins	A	120103-03-022	PMM12BAM03018
4pins	A	120104-03-038	PMM12BAM04020
	D	120404-03-023	PMM12BDM04021
5pins	A	120105-03-034	PMM12BAM05020
	B	120205-03-020	PMM12BBM05018
8pins	A	120108-03-040	PMM12BAM08019
12pins	A	120112-03-026	PMM12BAM12020
17pins	A	120117-03-020	PMM12BAM17018

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12	17
Termination/接线方式	PCB/插板式					
Wire gauge/线规	—					
Operating temperature/工作温度	-25°C~+85°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	250V		60V	30V		
Rated current (40°C)/额定电流	4A			2A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

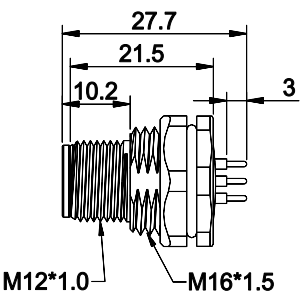
M12 Circular connectors

Male panel connector

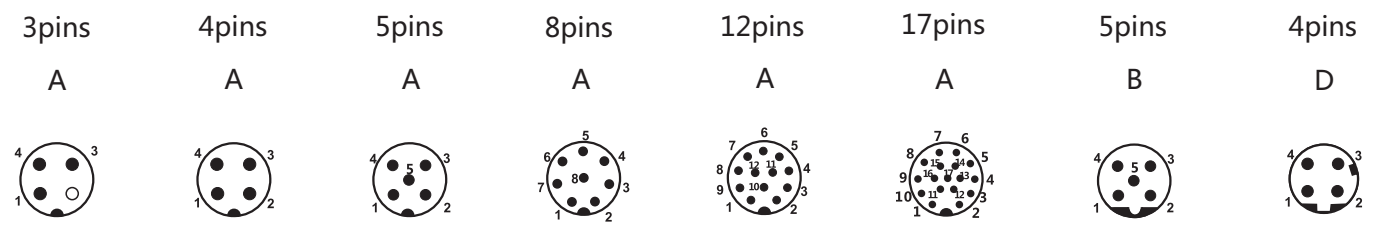
Product figure (M16*1.5 front fastened DIP)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
2pins	A	120102-03-008	PMM12FAM02008
3pins	A	120103-03-008	PMM12FAM03008
4pins	A	120104-03-008	PMM12FAM04008
	D	120404-03-012	PMM12FDM04008
5pins	A	120105-03-007	PMM12FAM05008
	B	120205-03-012	PMM12FBM05008
8pins	A	120108-03-008	PMM12FAM08008
12pins	A	120112-03-008	PMM12FAM12008
17pins	A	120117-03-008	PMM12FAM17008

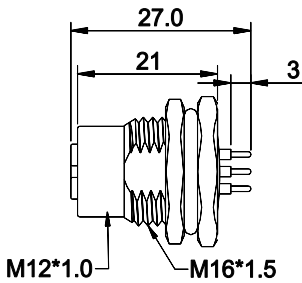
Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12	17
Termination/接线方式	PCB/插板式					
Wire gauge/线规	—					
Operating temperature/工作温度	-25℃~+85℃					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	250V		60V	30V		
Rated current (40℃)/额定电流	4A			2A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

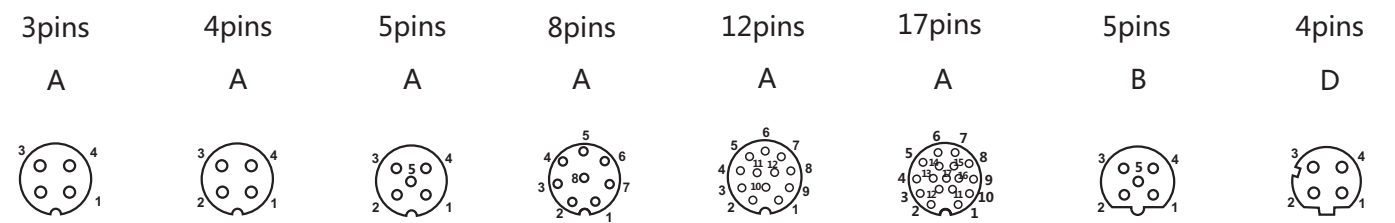
Female panel connector

Product figure (M16*1.5 front fastened DIP)

Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
2pins	A	120102-04-008	PMM12FAF02008
3pins	A	120103-04-008	PMM12FAF03008
4pins	A	120104-04-008	PMM12FAF04008
	D	120404-04-014	PMM12FDF04008
5pins	A	120105-04-008	PMM12FAF05008
	B	120205-04-009	PMM12FBF05008
8pins	A	120108-04-008	PMM12FAF08008
12pins	A	120112-04-008	PMM12FAF12008
17pins	A	120117-04-008	PMM12FAF17008

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12	17
Termination/接线方式	PCB/插板式					
Wire gauge/线规	—					
Operating temperature/工作温度	-25℃~+85℃					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	250V		60V	30V		
Rated current (40℃)/额定电流	4A			2A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	<10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

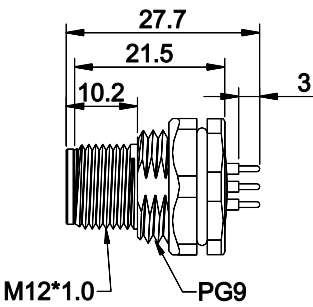
M12 Circular connectors

Male panel connector

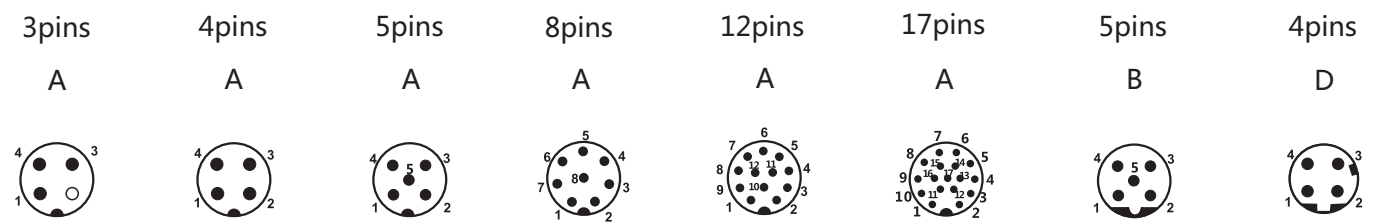
Product figure (PG9 front fastened DIP)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
2pins	A	120102-03-009	PMM12FAM02009
3pins	A	120103-03-009	PMM12FAM03009
4pins	A	120104-03-009	PMM12FAM04009
	D	120404-03-013	PMM12FDM04009
5pins	A	120105-03-008	PMM12FAM05009
	B	120205-03-013	PMM12FBM05009
8pins	A	120108-03-009	PMM12FAM08009
12pins	A	120112-03-009	PMM12FAM12009
17pins	A	120117-03-009	PMM12FAM17009

Specifications/技术参数

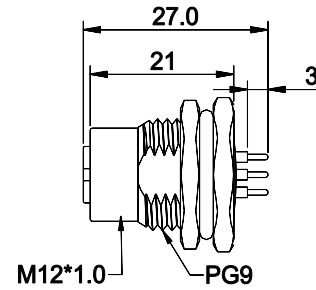
Number of contacts/芯数	3	4	5	8	12	17
Termination/接线方式	PCB/插板式					
Wire gauge/线规	—					
Operating temperature/工作温度	-25℃~+85℃					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	250V		60V	30V		
Rated current (40℃)/额定电流	4A			2A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

M12 Circular connectors

Female panel connector

Product figure (PG9 front fastened DIP)

Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

A



4pins

A



5pins

A



8pins

A



12pins

A



17pins

A



5pins

B



4pins

D



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
2pins	A	120102-04-009	PMM12FAF02009
3pins	A	120103-04-009	PMM12FAF03009
4pins	A	120104-04-009	PMM12FAF04009
	D	120404-04-015	PMM12FDF04009
5pins	A	120105-04-009	PMM12FAF05009
	B	120205-04-010	PMM12FBF05010
8pins	A	120108-04-009	PMM12FAF08009
12pins	A	120112-04-009	PMM12FAF12009
17pins	A	120117-04-009	PMM12FAF17009

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12	17
Termination/接线方式	PCB/插板式					
Wire gauge/线规	—					
Operating temperature/工作温度	-25℃~+85℃					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	250V		60V	30V		
Rated current (40℃)/额定电流	4A			2A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

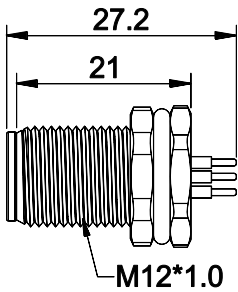
M12 Circular connectors

Male panel connector

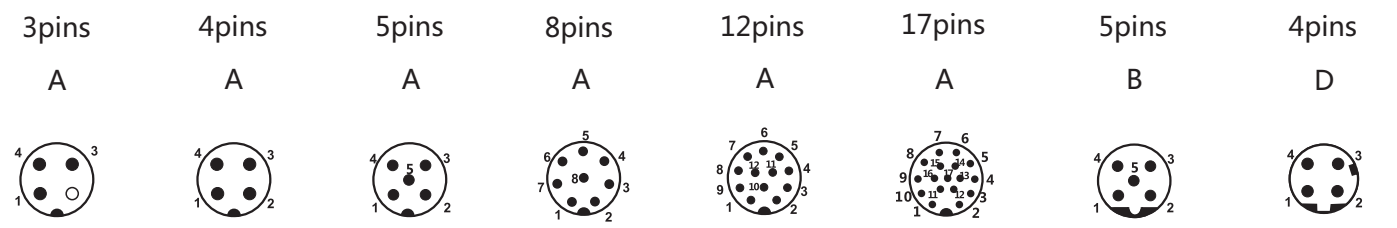
Product figure (M12*1.0 front fastened DIP)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
2pins	A	120102-03-012	PMM12FAM02012
3pins	A	120103-03-012	PMM12FAM03012
4pins	A	120104-03-012	PMM12FAM04012
	D	120404-03-014	PMM12FDM04012
5pins	A	120105-03-011	PMM12FAM05012
	B	120205-03-014	PMM12FBM05012
8pins	A	120108-03-012	PMM12FAM08012
12pins	A	120112-03-012	PMM12FAM12012
17pins	A	120117-03-012	PMM12FAM17012

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12	17
Termination/接线方式	PCB/插板式					
Wire gauge/线规	—					
Operating temperature/工作温度	-25℃~+85℃					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	250V		60V	30V		
Rated current (40℃)/额定电流	4A			2A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

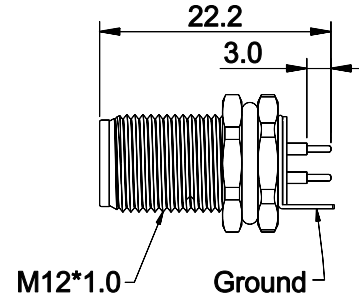
M12 Circular connectors

Male panel connector

Product figure(M12*1.0 front fastened DIP with ground)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

A



4pins

A



5pins

A



8pins

A



12pins

A



17pins

A



5pins

B



4pins

D



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
2pins	A	120102-03-013	PMM12FAM02013
3pins	A	120103-03-013	PMM12FAM03013
4pins	A	120104-03-013	PMM12FAM04013
	D	120404-03-015	PMM12FDM04013
5pins	A	120105-03-012	PMM12FAM05013
	B	120205-03-015	PMM12FBM05013
8pins	A	120108-03-013	PMM12FAM08013
12pins	A	120112-03-013	PMM12FAM12013
17pins	A	120117-03-013	PMM12FAM17013

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12	17
Termination/接线方式	PCB/插板式					
Wire gauge/线规	—					
Operating temperature/工作温度	-25°C ~ +85°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	250V		60V	30V		
Rated current (40°C)/额定电流	4A			2A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

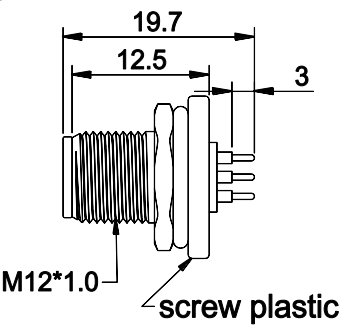
M12 Circular connectors

Male panel connector

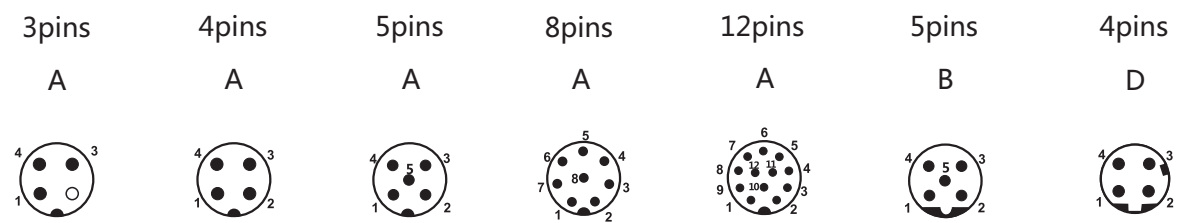
Product figure (M12*1.0 front fastened DIP)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
2pins	A	120102-03-015	PMM12FAM02015
3pins	A	120103-03-015	PMM12FAM03015
4pins	A	120104-03-015	PMM12FAM04015
	D	120404-03-017	PMM12FDM04015
5pins	A	120105-03-014	PMM12FAM05015
	B	120205-03-017	PMM12FBM05015
8pins	A	120108-03-015	PMM12FAM08015
12pins	A	120112-03-015	PMM12FAM12015

Specifications/技术参数

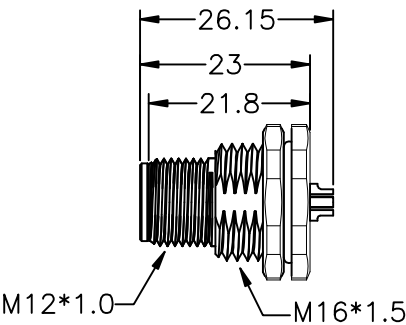
Number of contacts/芯数	3	4	5	8	12	17
Termination/接线方式	PCB/插板式					
Wire gauge/线规	—					
Operating temperature/工作温度	-25°C ~ +85°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	250V		60V	30V		
Rated current (40°C)/额定电流	4A			2A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

M12 Circular connectors

Male panel connector

Product figure(M16*1.5 front fastened DIP)

Scale diagram



Contact layout/针孔排布 (Front view/前视图)

5pins
A



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
5pins	A	120105-03-078	—

Specifications/技术参数

Number of contacts/芯数	5
Termination/接线方式	solder/焊接
Wire gauge/线规	—
Operating temperature/工作温度	-25°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

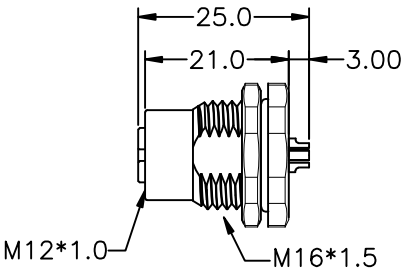
M12 Circular connectors

Female panel connector

Product figure (M16*1.5 front fastened DIP)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

5pins
A



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
5pins	A	120105-04-053	—

Specifications/技术参数

Number of contacts/芯数	5
Termination/接线方式	solder/焊接
Wire gauge/线规	—
Operating temperature/工作温度	-25°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

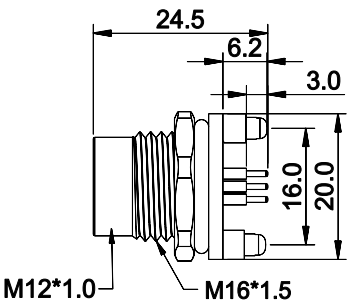
M12 Circular connectors

Female panel connector

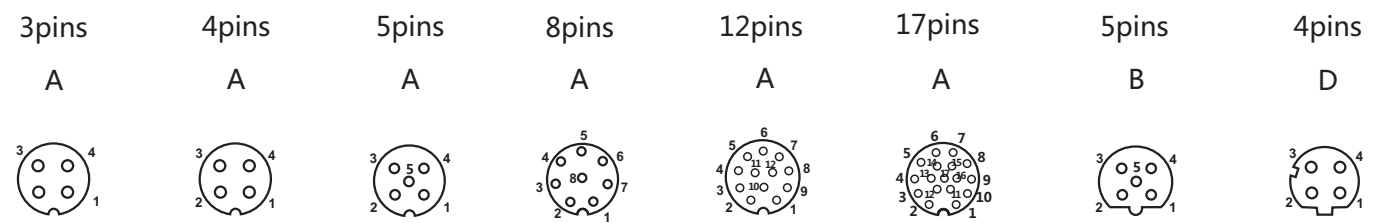
Product figure (M12*1.5 front fastened DIP with location)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
2pins	A	120102-04-010	PMM12FAF02010
3pins	A	120103-04-010	PMM12FAF03010
4pins	A	120104-04-010	PMM12FAF04010
	D	120404-04-016	PMM12FDF04014
5pins	A	120105-04-010	PMM12FAF05010
	B	120205-04-011	PMM12FBF05011
8pins	A	120108-04-010	PMM12FAF08010
12pins	A	120112-04-010	PMM12FAF12010
17pins	A	120117-04-010	PMM12FAF17010

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12	17
Termination/接线方式	PCB/插板式					
Wire gauge/线规	—					
Operating temperature/工作温度	-25℃~+85℃					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	250V		60V	30V		
Rated current (40℃)/额定电流	4A			2A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

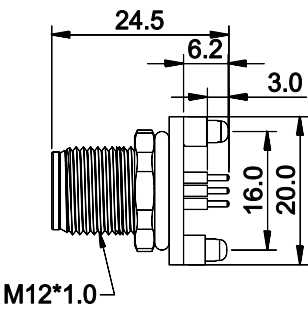
M12 Circular connectors

Male panel connector

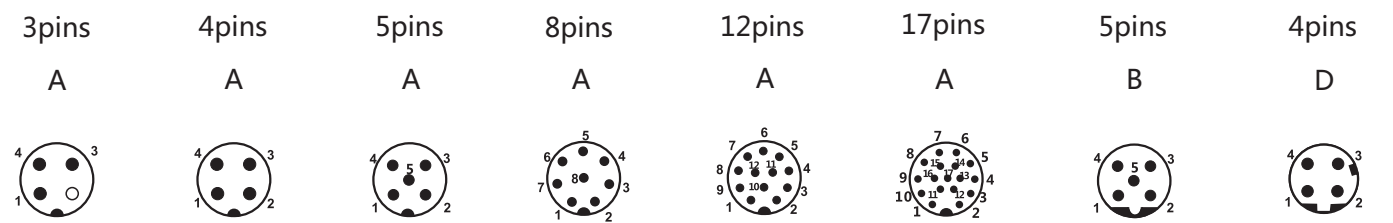
Product figure (M12*1.0 front fastened DIP with location)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
2pins	A	120102-03-010	PMM12FAM02010
3pins	A	120103-03-010	PMM12FAM03010
4pins	A	120104-03-010	PMM12FAM04010
	D	120404-03-016	PMM12FDM04014
5pins	A	120105-03-009	PMM12FAM05010
	B	120205-03-016	PMM12FBM05014
8pins	A	120108-03-010	PMM12FAM08010
12pins	A	120112-03-010	PMM12FAM12010
17pins	A	120117-03-010	PMM12FAM17010

Specifications/技术参数

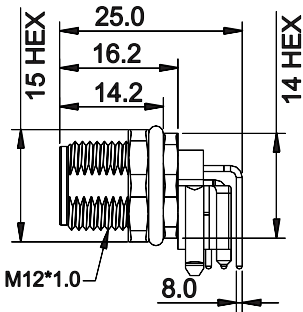
Number of contacts/芯数	3	4	5	8	12	17
Termination/接线方式	PCB/插板式					
Wire gauge/线规	—					
Operating temperature/工作温度	-25℃~+85℃					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	250V		60V	30V		
Rated current (40℃)/额定电流	4A			2A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	<10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

M12 Circular connectors

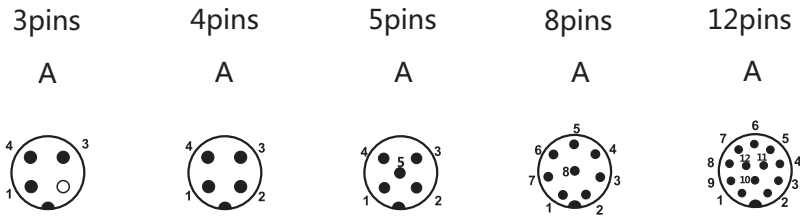
Male panel connector

Product figure (M12*1.0 90° front fastened DIP)

Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
2pins	A	120102-03-016	PMM12FAM02016
3pins	A	120103-03-016	PMM12FAM03016
4pins	A	120104-03-016	PMM12FAM04016
5pins	A	120105-03-015	PMM12FAM05016
8pins	A	120108-03-016	PMM12FAM08016
12pins	A	120112-03-016	PMM12FAM12016

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12
Termination/接线方式	PCB/插板式				
Wire gauge/线规	—				
Operating temperature/工作温度	-25°C~+85°C				
Mechanical operation/插拔次数	> 100 mating cycles				
Rated voltage/额定电压	250V		60V	30V	
Rated current (40°C)/额定电流	4A			2A	1.5A
Protection degree/防护等级	IP67/IP68				
Contact resistance/接触电阻	< 10mΩ				
Insulation resistance/绝缘电阻	≥100MΩ				
Pin contact/插针材料	CuZn				
Socket contact/插孔材料	CuSn				
Contact plating/针孔镀层材料	Au				

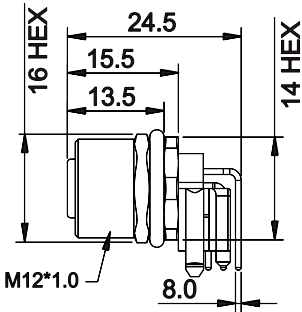
M12 Circular connectors

Female panel connector

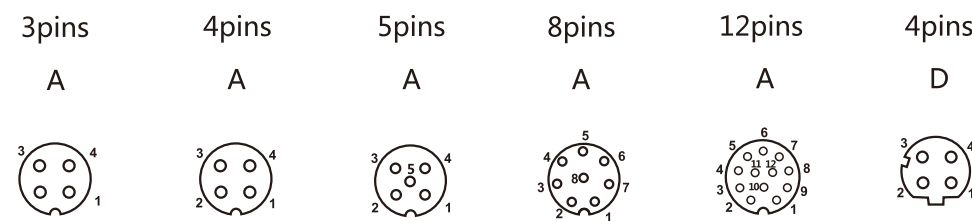
Product figure (M12*1.0 90° front fastened DIP)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
2pins	A	120102-04-011	PMM12FAF02011
3pins	A	120103-04-011	PMM12FAF03011
4pins	A	120104-04-011	PMM12FAF04011
5pins	A	120105-04-011	PMM12FAF05011
8pins	A	120108-04-011	PMM12FAF08011
12pins	A	120112-04-011	PMM12FAF12011
4pins	D	120404-04-005	PMM12FD04055

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12
Termination/接线方式	PCB/插板式				
Wire gauge/线规	—				
Operating temperature/工作温度	-25°C ~ +85°C				
Mechanical operation/插拔次数	> 100 mating cycles				
Rated voltage/额定电压	250V		60V	30V	
Rated current (40°C)/额定电流	4A			2A	1.5A
Protection degree/防护等级	IP67/IP68				
Contact resistance/接触电阻	< 10mΩ				
Insulation resistance/绝缘电阻	≥100MΩ				
Pin contact/插针材料	CuZn				
Socket contact/插孔材料	CuSn				
Contact plating/针孔镀层材料	Au				

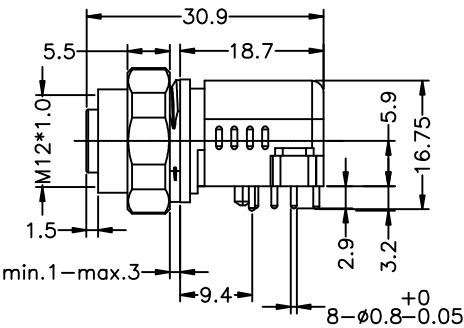
M12 Circular connectors

Female panel connector

Product figure (M12*1.0 90° front fastened DIP)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins

D

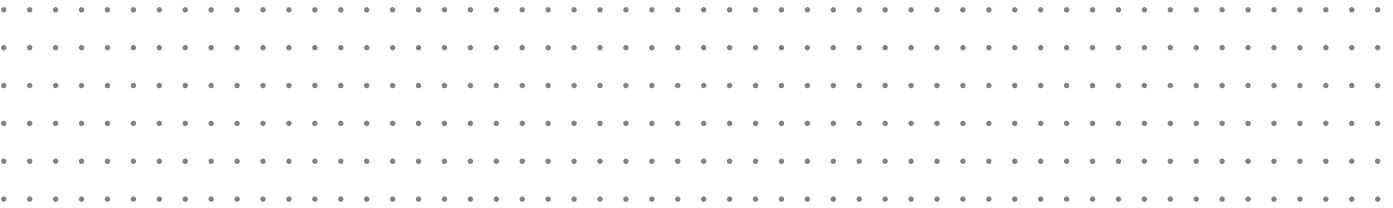


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	D	120404-04-065	—

Specifications/技术参数

Number of contacts/芯数	4
Termination/接线方式	PCB/插板式
Wire gauge/线规	—
Operating temperature/工作温度	-25℃~+85℃
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	250V
Rated current (40℃)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	< 10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



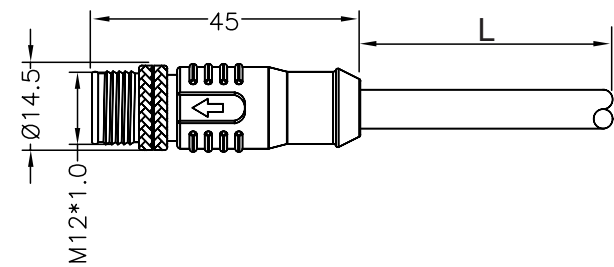
M12 Circular connectors

Male cable

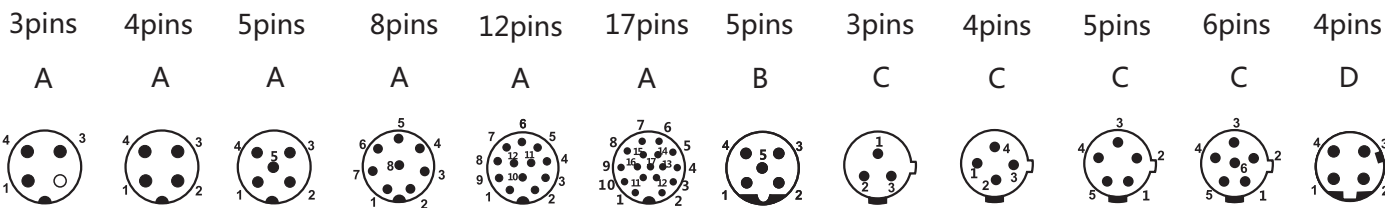
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	120103-05-002	CAM12SAM03001
	C	120303-05-002	CAM12SCM03001
4pins	A	120104-05-003	CAM12SAM04001
	C	120304-05-003	CAM12SCM04001
	D	120404-05-002	CAM12SDM04001
5pins	A	120105-05-002	CAM12SAM05001
	B	120205-05-002	CAM12SBM05001
	C	120305-05-002	CAM12SCM05001
6pins	C	120305-05-002	CAM12SCM05001
8pins	A	120108-05-002	CAM12SAM08001
12pins	A	120112-05-002	CAM12SAM12001
17pins	A	120117-05-002	CAM12SAM17001

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12	17
Termination/接线方式	moulded on cable/成型线					
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)					
Operating temperature/工作温度	-25°C~+80°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	250V		60V	30V		
Rated current (40°C)/额定电流	4A			2A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	<10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

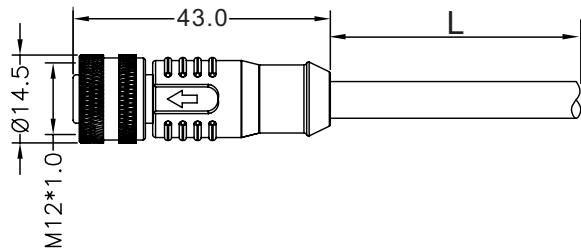
M12 Circular connectors

Female cable

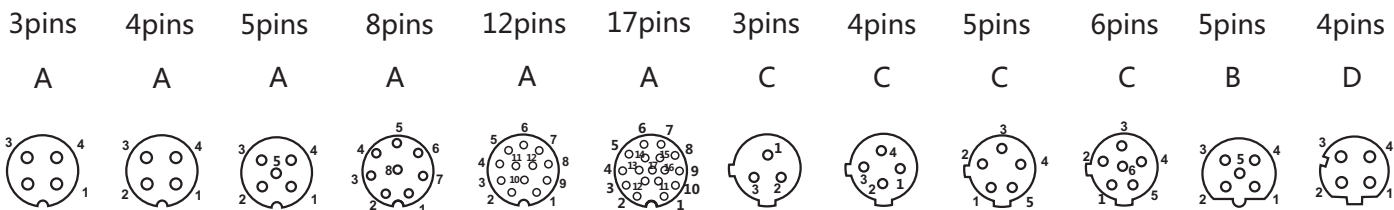
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	120103-06-004	CAM12SAF03001
	C	120303-06-002	CAM12SCF03001
4pins	A	120104-06-004	CAM12SAF04001
	C	120304-06-002	CAM12SCF04001
	D	120404-06-002	CAM12SDF04001
5pins	A	120105-06-004	CAM12SAF05001
	B	120205-06-002	CAM12SBF05001
	C	120305-06-002	CAM12SCF05001
6pins	C	120306-06-002	CAM12SCF06001
8pins	A	120108-06-002	CAM12SAF08001
12pins	A	120112-06-002	CAM12SAF12001
17pins	A	120117-06-002	CAM12SAF17001

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12	17
Termination/接线方式	moulded on cable/成型线					
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)					
Operating temperature/工作温度	-25℃~+80℃					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	250V		60V	30V		
Rated current (40℃)/额定电流	4A			2A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

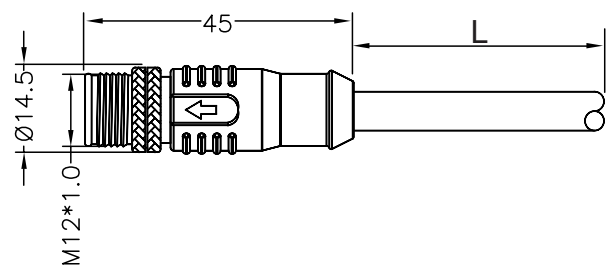
M12 Circular connectors

Male cable (with shield)

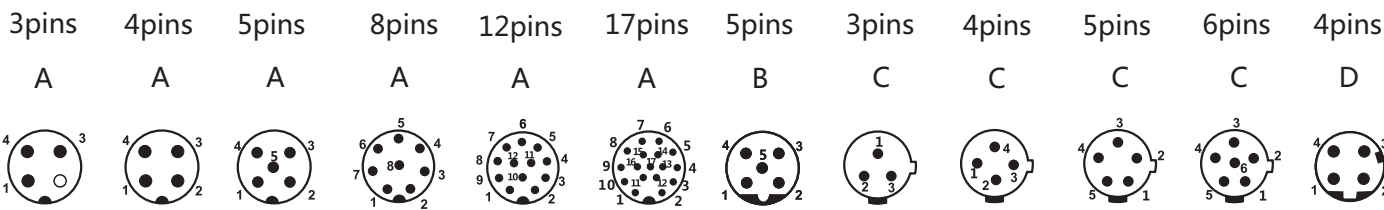
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	120103-05-003	CAM12SAM03002
	C	120303-05-003	CAM12SCM03002
4pins	A	120104-05-004	CAM12SAM04002
	C	120304-05-003	CAM12SCM04002
	D	120404-05-003	CAM12SDM04002
5pins	A	120105-05-003	CAM12SAM05002
	B	120205-05-003	CAM12SBM05002
	C	120305-05-003	CAM12SCM05002
6pins	C	120306-05-003	CAM12SCM06002
8pins	A	120108-05-003	CAM12SAM08002
12pins	A	120112-05-003	CAM12SAM12002
17pins	A	120117-05-003	CAM12SAM17002

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12	17
Termination/接线方式	moulded on cable/成型线					
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)					
Operating temperature/工作温度	-25°C~+80°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	250V		60V	30V		
Rated current (40°C)/额定电流	4A			2A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

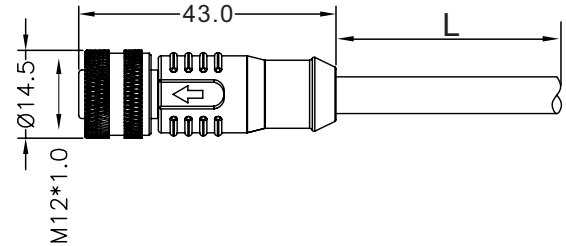
M12 Circular connectors

Female cable (with shield)

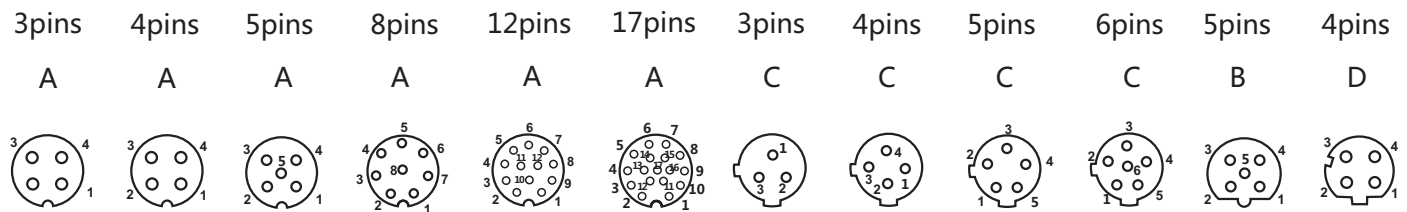
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	120103-06-005	CAM12SAF03002
	C	120303-06-003	CAM12SCF03002
4pins	A	120104-06-005	CAM12SAF04002
	C	120304-06-003	CAM12SCF04002
	D	120404-06-003	CAM12SDF04002
5pins	A	120105-06-005	CAM12SAF05002
	B	120205-06-003	CAM12SBF05002
	C	120305-06-003	CAM12SCF05002
6pins	C	120306-06-003	CAM12SCF06002
8pins	A	120108-06-003	CAM12SAF08002
12pins	A	120112-06-003	CAM12SAF12002
17pins	A	120117-06-003	CAM12SAF17002

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12	17
Termination/接线方式	moulded on cable/成型线					
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)					
Operating temperature/工作温度	-25°C ~ +80°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	250V		60V	30V		
Rated current (40°C)/额定电流	4A			2A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

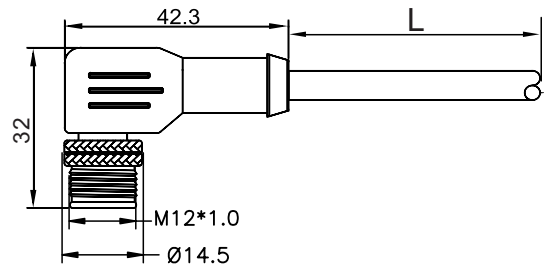
M12 Circular connectors

Male cable (90°)

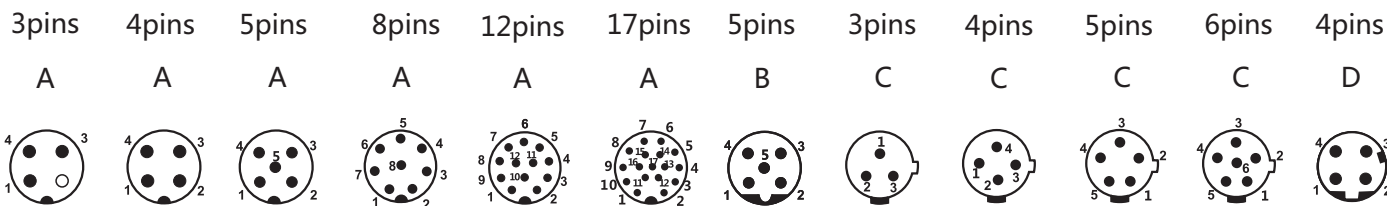
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	120103-05-001	CAM12RAM03003
	C	120303-05-001	CAM12RCM03003
4pins	A	120104-05-001	CAM12RAM04003
	C	120304-05-001	CAM12RCM04003
	D	120404-05-001	CAM12RDM04003
5pins	A	120105-05-001	CAM12RAM05003
	B	120205-05-001	CAM12RBM05003
	C	120305-05-001	CAM12RCM05003
6pins	C	120306-05-001	CAM12RCM06003
8pins	A	120108-05-001	CAM12RAM08003
12pins	A	120112-05-001	CAM12RAM12003
17pins	A	120117-05-001	CAM12RAM17003

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12	17
Termination/接线方式	moulded on cable/成型线					
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)					
Operating temperature/工作温度	-25°C~+80°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	250V		60V	30V		
Rated current (40°C)/额定电流	4A			2A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

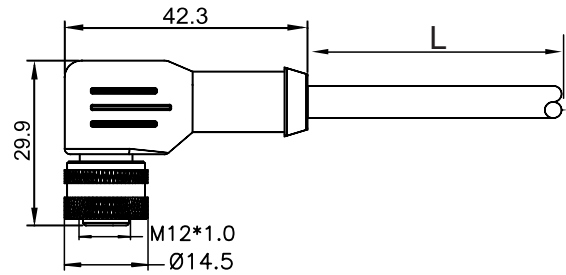
M12 Circular connectors

Female cable (90°)

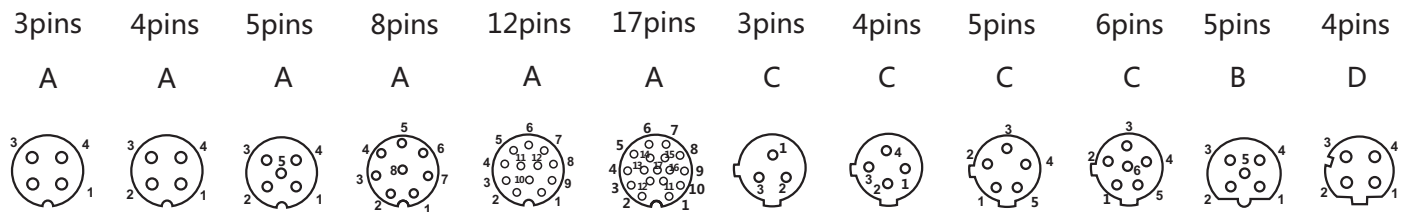
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	120103-06-001	CAM12RAF03003
	C	120303-06-001	CAM12RCF03003
4pins	A	120104-06-001	CAM12RAF04003
	C	120304-06-001	CAM12RCF04003
	D	120404-06-001	CAM12RDF04003
5pins	A	120105-06-001	CAM12RAF05003
	B	120205-06-001	CAM12RBF05003
	C	120305-06-001	CAM12RCF05003
6pins	C	120306-06-001	CAM12RCF06003
8pins	A	120108-06-001	CAM12RAF08003
12pins	A	120112-06-001	CAM12RAF12003
17pins	A	120117-06-001	CAM12RAF17003

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12	17
Termination/接线方式	moulded on cable/成型线					
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)					
Operating temperature/工作温度	-25°C ~ +80°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	250V		60V	30V		
Rated current (40°C)/额定电流	4A			2A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

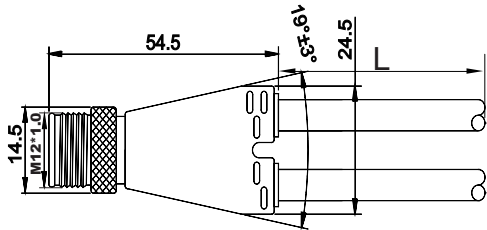
M12 Circular connectors

Male cable (Y Splitter)

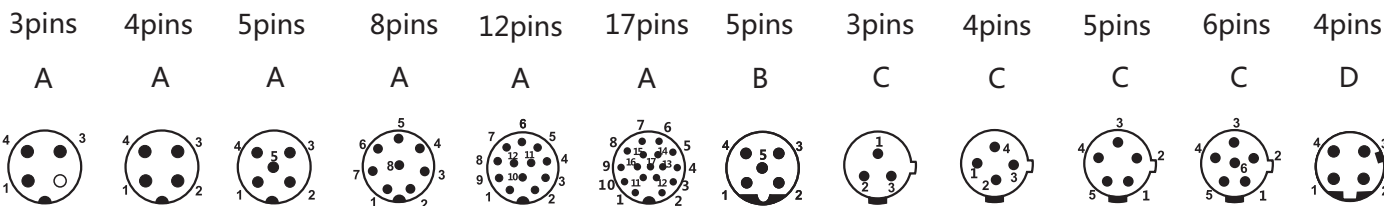
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	120103-30-001	CAM12SAM03004
	C	120303-30-001	CAM12SCM03004
4pins	A	120104-30-001	CAM12SAM04004
	C	120304-30-001	CAM12SCM04004
	D	120404-30-001	CAM12SDM04004
5pins	A	120105-30-001	CAM12SAM05004
	B	120205-30-001	CAM12SBM05004
	C	120305-30-001	CAM12SCM05004
6pins	C	120306-30-001	CAM12SCM06004
8pins	A	120108-30-001	CAM12SAM08004
12pins	A	120112-30-001	CAM12SAM12004
17pins	A	120117-30-001	CAM12SAM17004

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12	17
Termination/接线方式	moulded on cable/成型线					
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)					
Operating temperature/工作温度	-25°C~+80°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	250V		60V	30V		
Rated current (40°C)/额定电流	4A			2A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	<10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

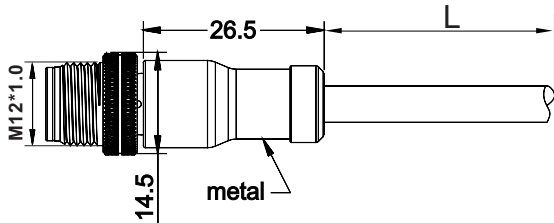
M12 Circular connectors

Male cable connector assembly

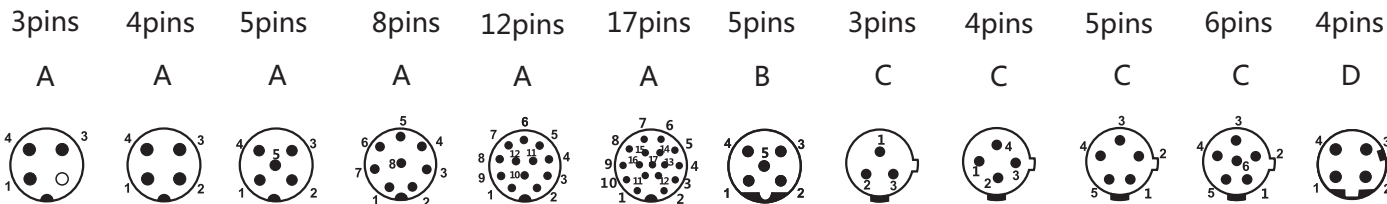
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	120103-05-004	CAM12SAM03005
	C	120303-05-004	CAM12SCM03005
4pins	A	120104-05-005	CAM12SAM04005
	C	120304-05-004	CAM12SCM04005
	D	120404-05-004	CAM12SDM04005
5pins	A	120105-05-004	CAM12SAM05005
	B	120205-05-004	CAM12SBM05005
	C	120305-05-004	CAM12SCM05005
6pins	C	120306-05-004	CAM12SCM06005
8pins	A	120108-05-004	CAM12SAM08005
12pins	A	120112-05-004	CAM12SAM12005
17pins	A	120117-05-004	CAM12SAM17005

Specifications/技术参数

Number of contacts/芯数	3	4	5	8	12	17
Termination/接线方式	moulded on cable/成型线					
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)					
Operating temperature/工作温度	-25°C~+80°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	250V		60V	30V		
Rated current (40°C)/额定电流	4A			2A	1.5A	
Protection degree/防护等级	IP67/IP68					
Contact resistance/接触电阻	< 10mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Pin contact/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

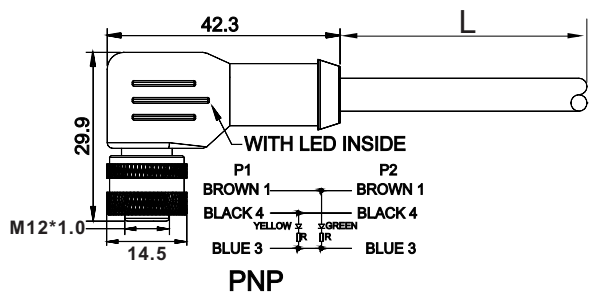
M12 Circular connectors

Female cable(90° with LED PNP)

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

4pins

5pins

A

A

A



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	120103-06-002	CAM12RAF03004
4pins	A	120104-06-002	CAM12RAF04004
5pins	A	120105-06-002	CAM12RAF05004

Specifications/技术参数

Number of contacts/芯数	3	4	5
Termination/接线方式	moulded on cable/成型线		
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)		
Operating temperature/工作温度	-25°C ~ +80°C		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	250V		60V
Rated current (40°C)/额定电流	4A		
Protection degree/防护等级	IP67/IP68		
Contact resistance/接触电阻	< 10mΩ		
Insulation resistance/绝缘电阻	≥100MΩ		
Pin contact/插针材料	CuZn		
Socket contact/插孔材料	CuSn		
Contact plating/针孔镀层材料	Au		

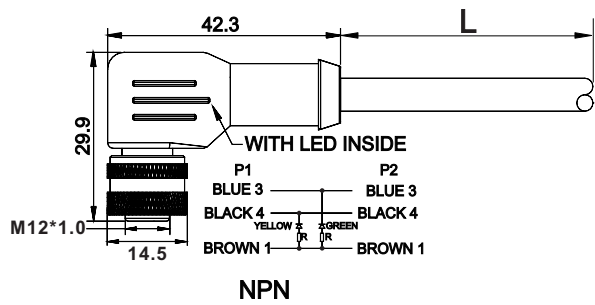
M12 Circular connectors

Female cable(90° with LED NPN)

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

4pins

5pins

A

A

A



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	120103-06-003	CAM12RAF03005
4pins	A	120104-06-003	CAM12RAF04005
5pins	A	120105-06-003	CAM12RAF05005

Specifications/技术参数

Number of contacts/芯数	3	4	5
Termination/接线方式	moulded on cable/成型线		
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)		
Operating temperature/工作温度	-25°C ~ +80°C		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	250V		60V
Rated current (40°C)/额定电流	4A		
Protection degree/防护等级	IP67/IP68		
Contact resistance/接触电阻	< 10mΩ		
Insulation resistance/绝缘电阻	≥100MΩ		
Pin contact/插针材料	CuZn		
Socket contact/插孔材料	CuSn		
Contact plating/针孔镀层材料	Au		

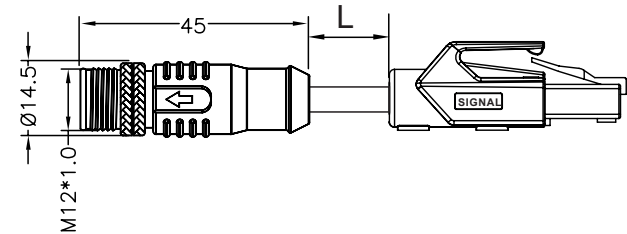
M12 Circular connectors

Male to RJ45 cable

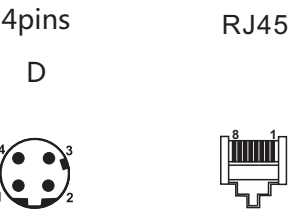
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	D	120404-57-001	CAM12SDM04001//RJ45

Specifications/技术参数

Number of contacts/芯数	4
Termination/接线方式	moulded on cable/成型线
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)
Operating temperature/工作温度	-25°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	250V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	< 10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

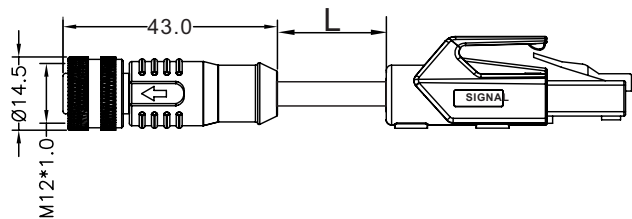
M12 Circular connectors

Female to RJ45 cable

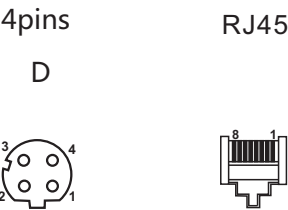
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

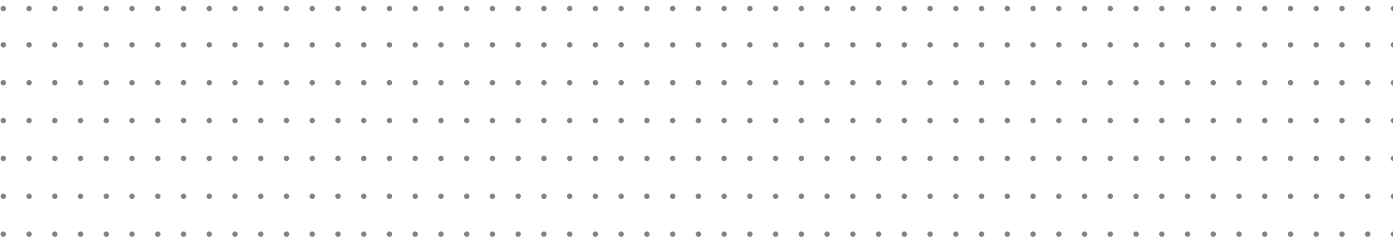


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	D	120404-67-001	CAM12SDF04001//RJ45

Specifications/技术参数

Number of contacts/芯数	4
Termination/接线方式	moulded on cable/成型线
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)
Operating temperature/工作温度	-25°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	250V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	< 10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



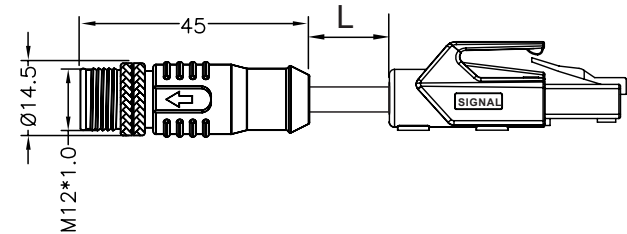
M12 Circular connectors

Male to RJ45 cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

8pins

RJ45

A



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
8pins	A	120108-57-001	CAM12SAM08002//RJ45

Specifications/技术参数

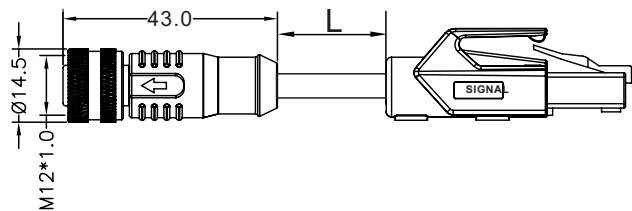
Number of contacts/芯数	8
Termination/接线方式	moulded on cable/成型线
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)
Operating temperature/工作温度	-25°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	30V
Rated current (40°C)/额定电流	2A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	< 10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

Female to RJ45 cable

Product figure



Scale diagram

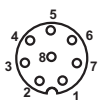


Contact layout/针孔排布 (Front view/前视图)

8pins

RJ45

A

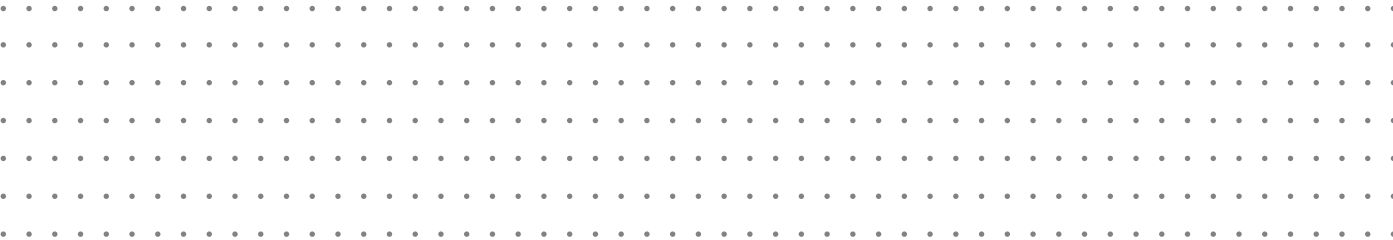


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
8pins	A	120108-67-001	CAM12SAF08002//RJ45

Specifications/技术参数

Number of contacts/芯数	8
Termination/接线方式	moulded on cable/成型线
Wire gauge/线规	0.14/0.25/0.34/0.5mm ² / (26/24/22/20 AWG)
Operating temperature/工作温度	-25°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	30V
Rated current (40°C)/额定电流	2A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	< 10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



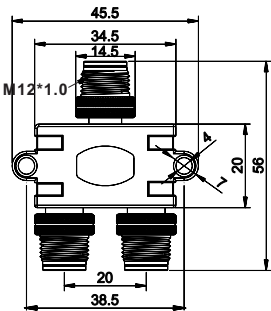
M12 Circular connectors

“Y” Splitter

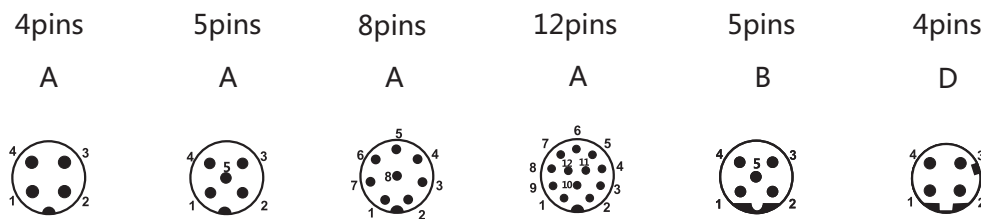
Product figure (Male to Dual Male)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	A	120104-10-009	SPM12YA04003
	D	120404-10-008	SPM12YD04001
5pins	A	120105-10-010	SPM12YA05003
	B	120205-10-003	SPM12YB05001
8pins	A	120108-10-012	SPM12YA08003
12pins	A	120112-10-003	SPM12YA12001

Specifications/技术参数

Number of contacts/芯数	4	5	8	12
Termination/接线方式	—			
Wire gauge/线规	—			
Operating temperature/工作温度	-25°C~+80°C			
Mechanical operation/插拔次数	> 100 mating cycles			
Rated voltage/额定电压	250V	60V	30V	
Rated current (40°C)/额定电流	4A		2A	1.5A
Protection degree/防护等级	IP67/IP68			
Contact resistance/接触电阻	< 10mΩ			
Insulation resistance/绝缘电阻	≥100MΩ			
Pin contact/插针材料	CuZn			
Socket contact/插孔材料	CuSn			
Contact plating/针孔镀层材料	Au			

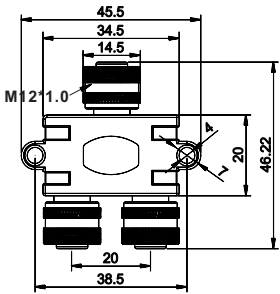
M12 Circular connectors

“Y” Splitter

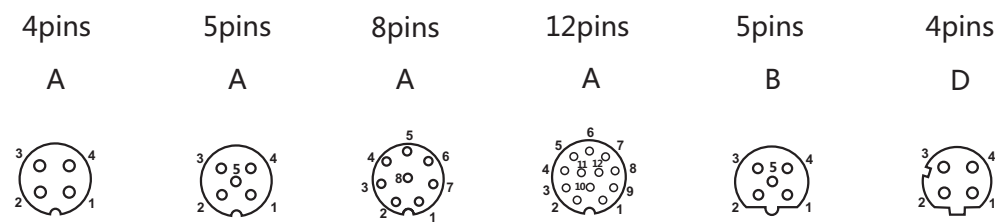
Product figure (Female to Dual Female)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	A	120104-10-010	SPM12YA04004
	D	120404-10-009	SPM12YD04002
5pins	A	120105-10-007	SPM12YA05004
	B	120205-10-004	SPM12YB05002
8pins	A	120108-10-013	SPM12YA08004
12pins	A	120112-10-004	SPM12YA12002

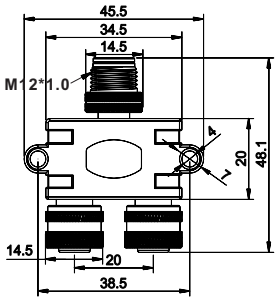
Specifications/技术参数

Number of contacts/芯数	4	5	8	12
Termination/接线方式	—			
Wire gauge/线规	—			
Operating temperature/工作温度	-25°C~+80°C			
Mechanical operation/插拔次数	> 100 mating cycles			
Rated voltage/额定电压	250V	60V	30V	
Rated current (40°C)/额定电流	4A		2A	1.5A
Protection degree/防护等级	IP67/IP68			
Contact resistance/接触电阻	< 10mΩ			
Insulation resistance/绝缘电阻	≥100MΩ			
Pin contact/插针材料	CuZn			
Socket contact/插孔材料	CuSn			
Contact plating/针孔镀层材料	Au			

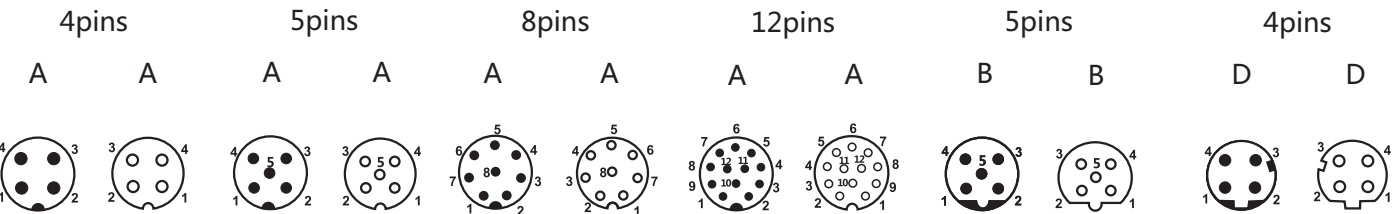
“Y” Splitter

Product figure (Male to Dual Female)

Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	A	120104-10-007	SPM12YA04001
	D	120404-10-010	SPM12YD04003
5pins	A	120105-10-008	SPM12YA05001
	B	120205-10-005	SPM12YB05003
8pins	A	120108-10-010	SPM12YA08001
12pins	A	120112-10-005	SPM12YA12003

Specifications/技术参数

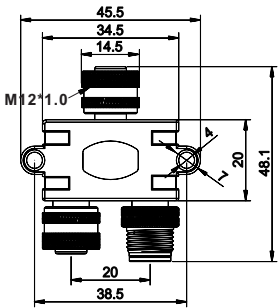
Number of contacts/芯数	4	5	8	12
Termination/接线方式	—			
Wire gauge/线规	—			
Operating temperature/工作温度	-25°C~+80°C			
Mechanical operation/插拔次数	> 100 mating cycles			
Rated voltage/额定电压	250V	60V	30V	
Rated current (40°C)/额定电流	4A		2A	1.5A
Protection degree/防护等级	IP67/IP68			
Contact resistance/接触电阻	< 10mΩ			
Insulation resistance/绝缘电阻	≥100MΩ			
Pin contact/插针材料	CuZn			
Socket contact/插孔材料	CuSn			
Contact plating/针孔镀层材料	Au			

M12 Circular connectors

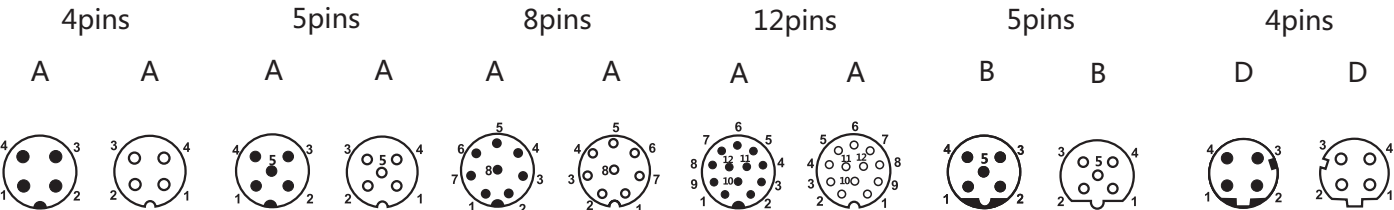
“Y” Splitter

Product figure (Female to Male & Female)

Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	A	120104-10-008	SPM12YA04002
	D	120404-10-011	SPM12YD04004
5pins	A	120105-10-009	SPM12YA05002
	B	120205-10-006	SPM12YB05004
8pins	A	120108-10-011	SPM12YA08002
12pins	A	120112-10-006	SPM12YA12004

Specifications/技术参数

Number of contacts/芯数	4	5	8	12
Termination/接线方式	—			
Wire gauge/线规	—			
Operating temperature/工作温度	-25°C~+80°C			
Mechanical operation/插拔次数	> 100 mating cycles			
Rated voltage/额定电压	250V	60V	30V	
Rated current (40°C)/额定电流	4A		2A	1.5A
Protection degree/防护等级	IP67/IP68			
Contact resistance/接触电阻	< 10mΩ			
Insulation resistance/绝缘电阻	≥100MΩ			
Pin contact/插针材料	CuZn			
Socket contact/插孔材料	CuSn			
Contact plating/针孔镀层材料	Au			

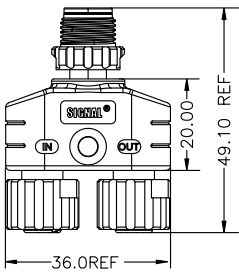
M12 Circular connectors

“Y” Splitter

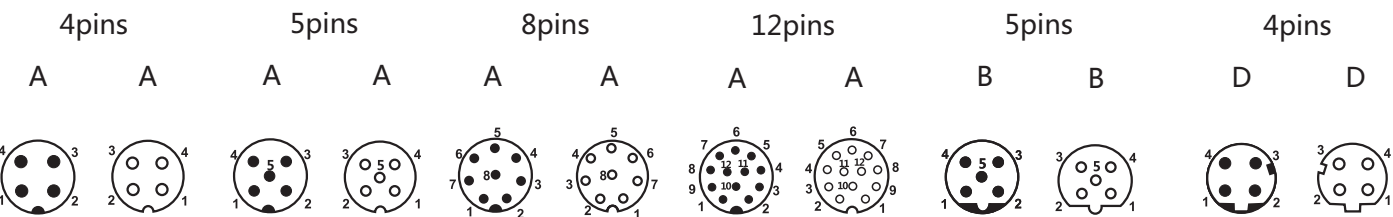
Product figure (Male to Dual Female)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	A	120104-10-046	—
	D	120404-10-031	—
5pins	A	120105-10-078	—
	B	120205-10-016	—
8pins	A	120108-10-048	—

Specifications/技术参数

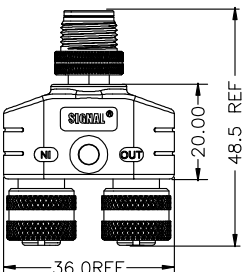
Number of contacts/芯数	4	5	8
Termination/接线方式	—		
Wire gauge/线规	—		
Operating temperature/工作温度	-25°C ~ +80°C		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	250V	60V	30V
Rated current (40°C)/额定电流	4A		2A
Protection degree/防护等级	IP67/IP68		
Contact resistance/接触电阻	< 10mΩ		
Insulation resistance/绝缘电阻	≥100MΩ		
Pin contact/插针材料	CuZn		
Socket contact/插孔材料	CuSn		
Contact plating/针孔镀层材料	Au		

M12 Circular connectors

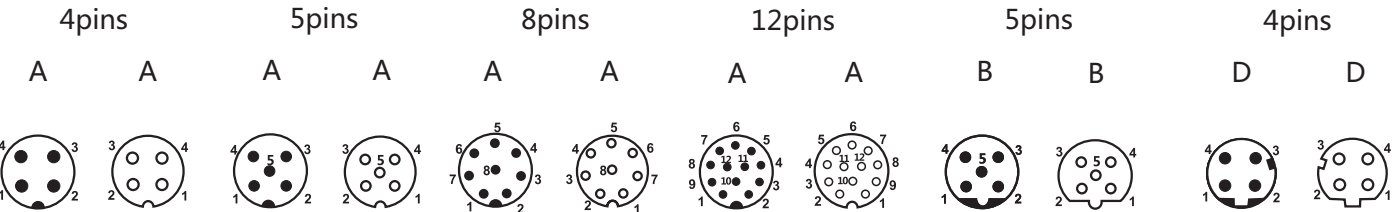
“Y” Splitter

Product figure (Male to Dual Female)

Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	A	120104-10-045	—
	D	120404-10-030	—
5pins	A	120105-10-074	—
	B	120205-10-015	—
8pins	A	120108-10-047	—

Specifications/技术参数

Number of contacts/芯数	4	5	8
Termination/接线方式	—		
Wire gauge/线规	—		
Operating temperature/工作温度	-25°C~+80°C		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	250V	60V	30V
Rated current (40°C)/额定电流	4A		2A
Protection degree/防护等级	IP67/IP68		
Contact resistance/接触电阻	< 10mΩ		
Insulation resistance/绝缘电阻	≥100MΩ		
Pin contact/插针材料	CuZn		
Socket contact/插孔材料	CuSn		
Contact plating/针孔镀层材料	Au		

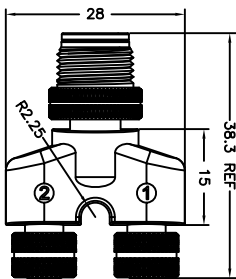
M12 Circular connectors

“Y” Splitter

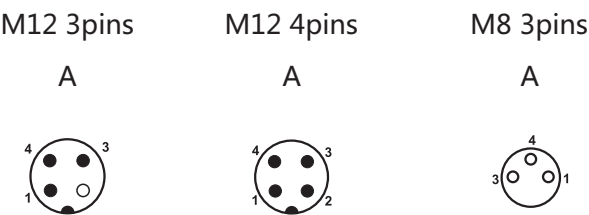
Product figure (M12 Male to M8 Dual Female)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3pins	A	120103-10-001	—
4-3pins	A	120104-10-042	—

Specifications/技术参数

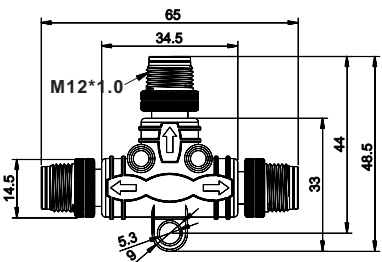
Number of contacts/芯数	3	4-3
Termination/接线方式	—	
Wire gauge/线规	—	
Operating temperature/工作温度	-25°C~+80°C	
Mechanical operation/插拔次数	> 100 mating cycles	
Rated voltage/额定电压	60V	
Rated current (40°C)/额定电流	4A	3A
Protection degree/防护等级	IP67/IP68	
Contact resistance/接触电阻	< 10mΩ	
Insulation resistance/绝缘电阻	≥100MΩ	
Pin contact/插针材料	CuZn	
Socket contact/插孔材料	CuSn	
Contact plating/针孔镀层材料	Au	

M12 Circular connectors

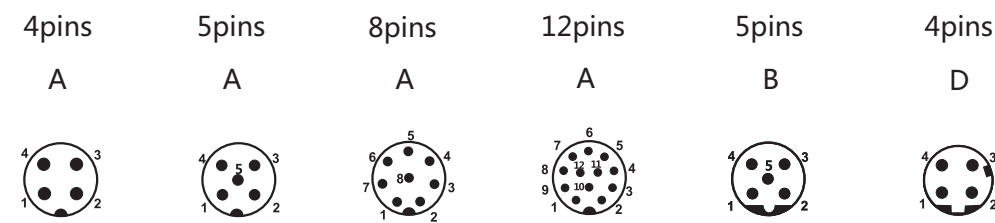
“T” Splitter

Product figure (Male to Dual Male)

Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	A	120104-10-003	SPM12TA04001
	D	120404-10-012	SPM12TD04001
5pins	A	120105-10-003	SPM12TA05001
	B	120205-10-007	SPM12TB05001
8pins	A	120108-10-005	SPM12TA08001
12pins	A	120112-10-007	SPM12TA12001

Specifications/技术参数

Number of contacts/芯数	4	5	8	12
Termination/接线方式	—			
Wire gauge/线规	—			
Operating temperature/工作温度	-25°C~+80°C			
Mechanical operation/插拔次数	> 100 mating cycles			
Rated voltage/额定电压	250V	60V	30V	
Rated current (40°C)/额定电流	4A		2A	1.5A
Protection degree/防护等级	IP67/IP68			
Contact resistance/接触电阻	< 10mΩ			
Insulation resistance/绝缘电阻	≥100MΩ			
Pin contact/插针材料	CuZn			
Socket contact/插孔材料	CuSn			
Contact plating/针孔镀层材料	Au			

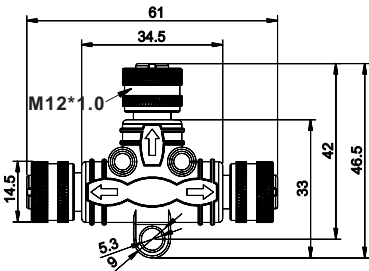
M12 Circular connectors

“T” Splitter

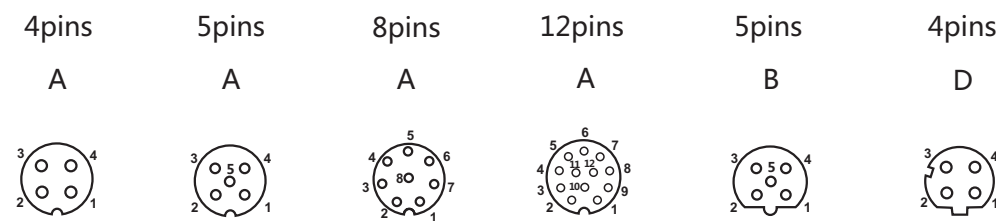
Product figure (Female to Dual Female)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	A	120104-10-004	SPM12TA04002
	D	120404-10-013	SPM12TD04002
5pins	A	120105-10-004	SPM12TA05002
	B	120205-10-008	SPM12TB05002
8pins	A	120108-10-006	SPM12TA08002
12pins	A	120112-10-008	SPM12TA12002

Specifications/技术参数

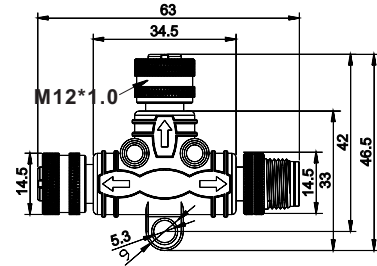
Number of contacts/芯数	4	5	8	12
Termination/接线方式	—			
Wire gauge/线规	—			
Operating temperature/工作温度	-25°C~+80°C			
Mechanical operation/插拔次数	> 100 mating cycles			
Rated voltage/额定电压	250V	60V	30V	
Rated current (40°C)/额定电流	4A		2A	1.5A
Protection degree/防护等级	IP67/IP68			
Contact resistance/接触电阻	< 10mΩ			
Insulation resistance/绝缘电阻	≥100MΩ			
Pin contact/插针材料	CuZn			
Socket contact/插孔材料	CuSn			
Contact plating/针孔镀层材料	Au			

M12 Circular connectors

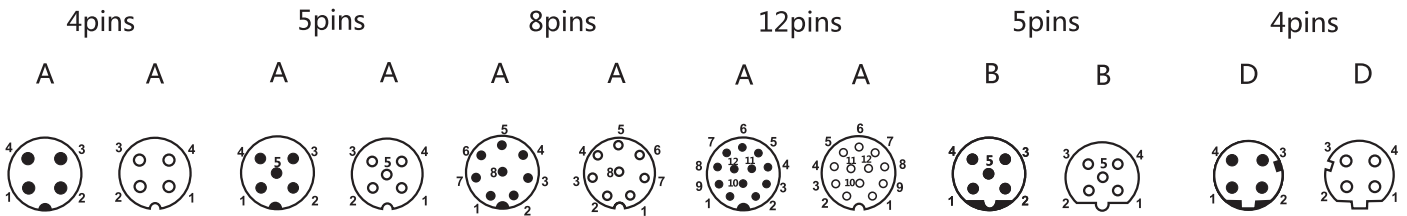
"T" Splitter

Product figure (Female to Male&Female)

Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	A	120104-10-005	SPM12TA04003
	D	120404-10-014	SPM12TD04003
5pins	A	120105-10-005	SPM12TA05003
	B	120205-10-009	SPM12TB05003
8pins	A	120108-10-007	SPM12TA08003
12pins	A	120112-10-009	SPM12TA12003

Specifications/技术参数

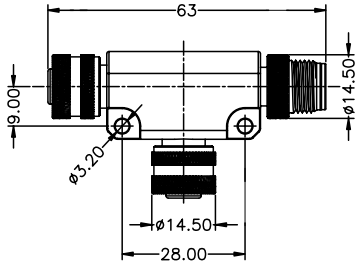
Number of contacts/芯数	4	5	8	12
Termination/接线方式	—			
Wire gauge/线规	—			
Operating temperature/工作温度	-25°C~+80°C			
Mechanical operation/插拔次数	> 100 mating cycles			
Rated voltage/额定电压	250V	60V	30V	
Rated current (40°C)/额定电流	4A		2A	1.5A
Protection degree/防护等级	IP67/IP68			
Contact resistance/接触电阻	< 10mΩ			
Insulation resistance/绝缘电阻	≥100MΩ			
Pin contact/插针材料	CuZn			
Socket contact/插孔材料	CuSn			
Contact plating/针孔镀层材料	Au			

“T” Splitter

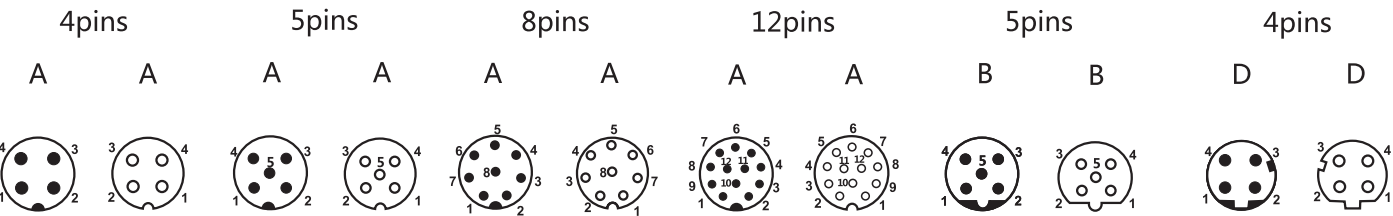
Product figure (Female to Male&Female)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	A	120104-10-011	SPM12TA04005
	D	120404-10-015	SPM12TD04004
5pins	A	120105-10-013	SPM12TA05005
	B	120205-10-010	SPM12TB05004
8pins	A	120108-10-013	SPM12TA08005
12pins	A	120112-10-010	SPM12TA12004

Specifications/技术参数

Number of contacts/芯数	4	5	8	12
Termination/接线方式	—			
Wire gauge/线规	—			
Operating temperature/工作温度	-25°C~+80°C			
Mechanical operation/插拔次数	> 100 mating cycles			
Rated voltage/额定电压	250V	60V	30V	
Rated current (40°C)/额定电流	4A		2A	1.5A
Protection degree/防护等级	IP67/IP68			
Contact resistance/接触电阻	< 10mΩ			
Insulation resistance/绝缘电阻	≥100MΩ			
Pin contact/插针材料	CuZn			
Socket contact/插孔材料	CuSn			
Contact plating/针孔镀层材料	Au			

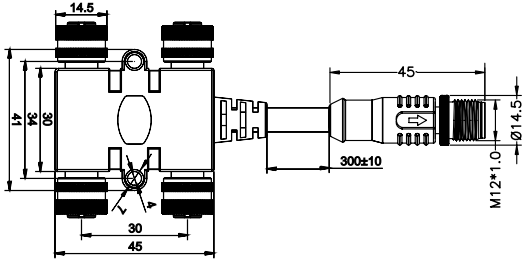
M12 Circular connectors

“Tortoise” Splitter

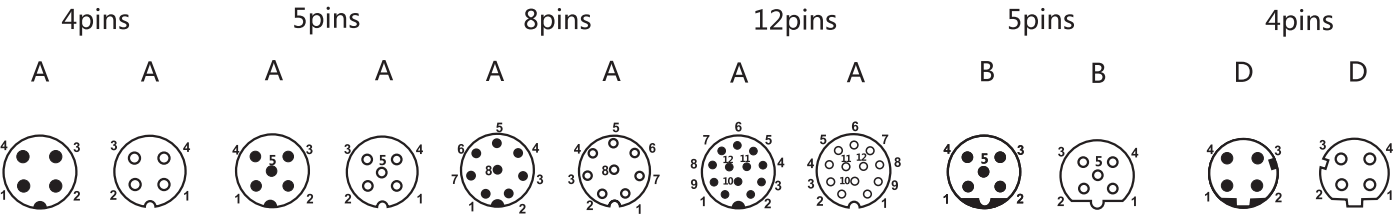
Product figure (Male to 4 Females)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	A	120104-10-006	SPM12TA04004
	D	120404-10-016	SPM12TD04005
5pins	A	120105-10-006	SPM12TA05004
	B	120205-10-011	SPM12TB05005
8pins	A	120108-10-008	SPM12TA08004
12pins	A	120112-10-011	SPM12TA12005

Specifications/技术参数

Number of contacts/芯数	4	5	8	12
Termination/接线方式	—			
Wire gauge/线规	—			
Operating temperature/工作温度	-25°C~+80°C			
Mechanical operation/插拔次数	> 100 mating cycles			
Rated voltage/额定电压	250V	60V	30V	
Rated current (40°C)/额定电流	4A		2A	1.5A
Protection degree/防护等级	IP67/IP68			
Contact resistance/接触电阻	< 10mΩ			
Insulation resistance/绝缘电阻	≥100MΩ			
Pin contact/插针材料	CuZn			
Socket contact/插孔材料	CuSn			
Contact plating/针孔镀层材料	Au			

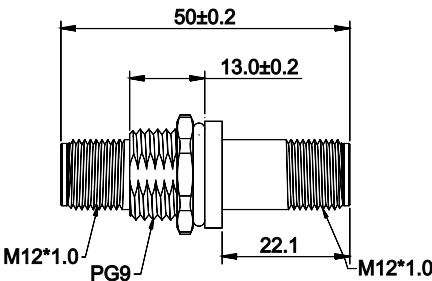
M12 Circular connectors

Adapter

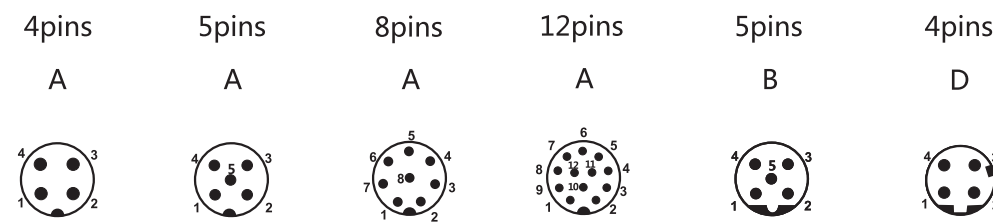
Product figure (Male to Male PG9)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	A	120104-10-002	SPM12SA04002
	D	120404-10-002	SPM12SD04002
5pins	A	120105-10-002	SPM12SA05002
	B	120205-10-002	SPM12SB05002
8pins	A	120108-10-002	SPM12SA08002
12pins	A	120112-10-002	SPM12SA12002

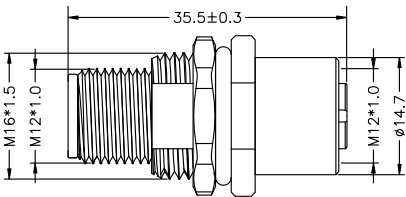
Specifications/技术参数

Number of contacts/芯数	4	5	8	12
Termination/接线方式	—			
Wire gauge/线规	—			
Operating temperature/工作温度	-25°C~+80°C			
Mechanical operation/插拔次数	> 100 mating cycles			
Rated voltage/额定电压	250V	60V	30V	
Rated current (40°C)/额定电流	4A		2A	1.5A
Protection degree/防护等级	IP67/IP68			
Contact resistance/接触电阻	< 10mΩ			
Insulation resistance/绝缘电阻	≥100MΩ			
Pin contact/插针材料	CuZn			
Socket contact/插孔材料	CuSn			
Contact plating/针孔镀层材料	Au			

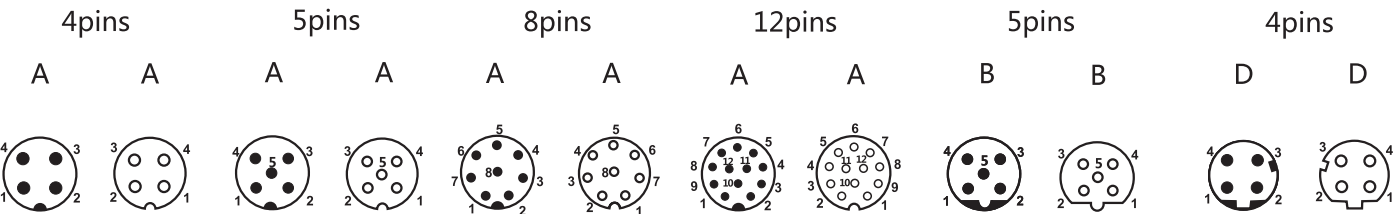
Adapter

Product figure (Male to Female PG9 with shield)

Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	A	120104-10-001	SPM12SA04001
	D	120404-10-001	SPM12SD04001
5pins	A	120105-10-001	SPM12SA05001
	B	120205-10-001	SPM12SB05001
8pins	A	120108-10-001	SPM12SA08001
12pins	A	120112-10-001	SPM12SA12001

Specifications/技术参数

Number of contacts/芯数	4	5	8	12
Termination/接线方式	—			
Wire gauge/线规	—			
Operating temperature/工作温度	-25°C~+80°C			
Mechanical operation/插拔次数	> 100 mating cycles			
Rated voltage/额定电压	250V	60V	30V	
Rated current (40°C)/额定电流	4A		2A	1.5A
Protection degree/防护等级	IP67/IP68			
Contact resistance/接触电阻	< 10mΩ			
Insulation resistance/绝缘电阻	≥100MΩ			
Pin contact/插针材料	CuZn			
Socket contact/插孔材料	CuSn			
Contact plating/针孔镀层材料	Au			

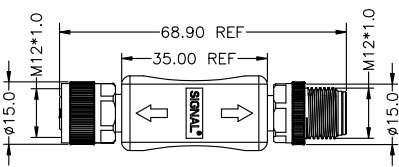
M12 Circular connectors

Adapter

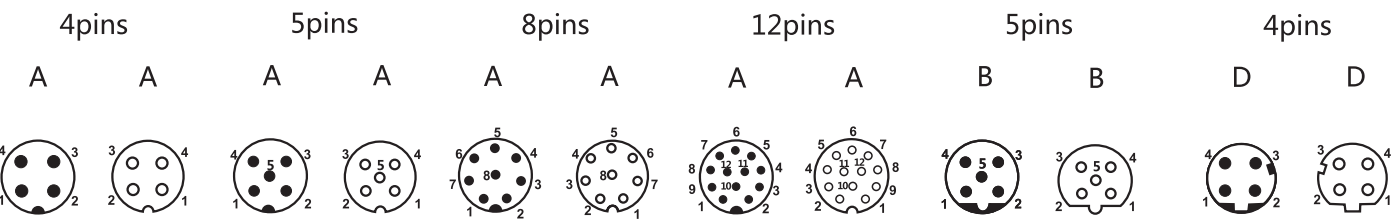
Product figure (Male to Female)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	A	120104-10-047	—
	D	120404-10-032	—
5pins	A	120105-10-066	—
	B	120205-10-017	—
8pins	A	120108-10-050	—
12pins	A	120112-10-018	—

Specifications/技术参数

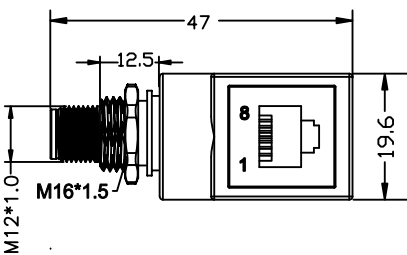
Number of contacts/芯数	4	5	8	12
Termination/接线方式	—			
Wire gauge/线规	—			
Operating temperature/工作温度	-25°C~+80°C			
Mechanical operation/插拔次数	> 100 mating cycles			
Rated voltage/额定电压	250V	60V	30V	
Rated current (40°C)/额定电流	4A		2A	1.5A
Protection degree/防护等级	IP67/IP68			
Contact resistance/接触电阻	< 10mΩ			
Insulation resistance/绝缘电阻	≥100MΩ			
Pin contact/插针材料	CuZn			
Socket contact/插孔材料	CuSn			
Contact plating/针孔镀层材料	Au			

M12 Male to RJ45 Adapter (90°)

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

8pins

4pins

RJ45

A

D



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	D	120404-10-005	SPM12SD04005
8pins	A	120108-10-015	SPM12SA08005

Specifications/技术参数

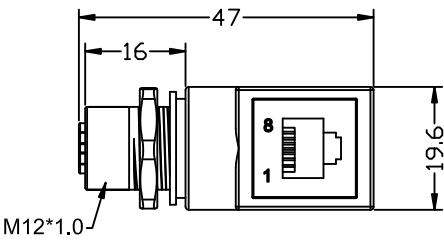
Number of contacts/芯数	4	8
Termination/接线方式	—	
Wire gauge/线规	—	
Operating temperature/工作温度	-25°C ~ +85°C	
Mechanical operation/插拔次数	> 100 mating cycles	
Rated voltage/额定电压	250V	30V
Rated current (40°C)/额定电流	4A	2A
Protection degree/防护等级	IP67	
Contact resistance/接触电阻	< 10mΩ	
Insulation resistance/绝缘电阻	≥100MΩ	
Pin contact/插针材料	CuZn	
Socket contact/插孔材料	CuSn	
Contact plating/针孔镀层材料	Au	

M12 Female to RJ45 Adapter (90°)

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

8pins

4pins

RJ45

A

D



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	D	120404-10-003	SPM12SD04003
8pins	A	120108-10-003	SPM12SA08003

Specifications/技术参数

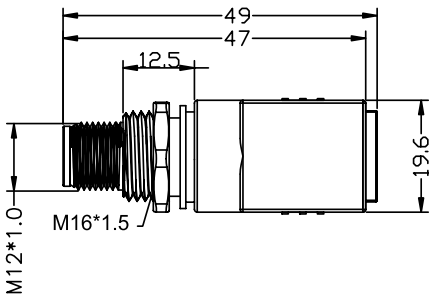
Number of contacts/芯数	4	8
Termination/接线方式	—	
Wire gauge/线规	—	
Operating temperature/工作温度	-25°C ~ +85°C	
Mechanical operation/插拔次数	> 100 mating cycles	
Rated voltage/额定电压	250V	30V
Rated current (40°C)/额定电流	4A	2A
Protection degree/防护等级	IP67	
Contact resistance/接触电阻	< 10mΩ	
Insulation resistance/绝缘电阻	≥100MΩ	
Pin contact/插针材料	CuZn	
Socket contact/插孔材料	CuSn	
Contact plating/针孔镀层材料	Au	

M12 Male to RJ45 Adapter (180°)

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

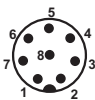
8pins

4pins

RJ45

A

D



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	D	120404-10-006	SPM12SD04006
8pins	A	120108-10-014	SPM12SA08006

Specifications/技术参数

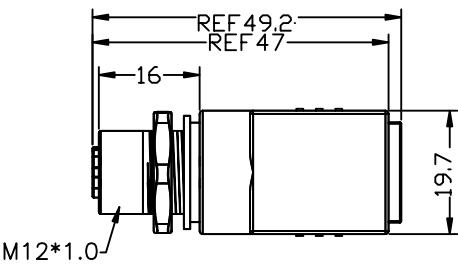
Number of contacts/芯数	4	8
Termination/接线方式	—	
Wire gauge/线规	—	
Operating temperature/工作温度	-25°C ~ +85°C	
Mechanical operation/插拔次数	> 100 mating cycles	
Rated voltage/额定电压	250V	30V
Rated current (40°C)/额定电流	4A	2A
Protection degree/防护等级	IP67	
Contact resistance/接触电阻	< 10mΩ	
Insulation resistance/绝缘电阻	≥100MΩ	
Pin contact/插针材料	CuZn	
Socket contact/插孔材料	CuSn	
Contact plating/针孔镀层材料	Au	

M12 Female to RJ45 Adapter (180°)

Product figure



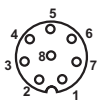
Scale diagram



Contact layout/针孔排布 (Front view/前视图)

8pins

A



4pins

D



RJ45



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	D	120404-10-004	SPM12SD04004
8pins	A	120108-10-004	SPM12SA08004

Specifications/技术参数

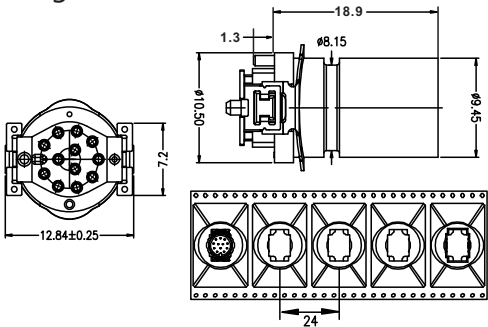
Number of contacts/芯数	4	8
Termination/接线方式	—	
Wire gauge/线规	—	
Operating temperature/工作温度	-25°C ~ +85°C	
Mechanical operation/插拔次数	> 100 mating cycles	
Rated voltage/额定电压	250V	30V
Rated current (40°C)/额定电流	4A	2A
Protection degree/防护等级	IP67	
Contact resistance/接触电阻	< 10mΩ	
Insulation resistance/绝缘电阻	≥100MΩ	
Pin contact/插针材料	CuZn	
Socket contact/插孔材料	CuSn	
Contact plating/针孔镀层材料	Au	

M12 A-coding male SMT

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins

5pins

8pins

12pins

A

A

A

A



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	A	120104-03-027	PMM12FAM04018
5pins	A	120105-03-023	PMM12FAM05017
8pins	A	120108-03-034	PMM12FAM08016
12pins	A	120112-03-022	PMM12FAM12017

Specifications/技术参数

Number of contacts/芯数	4	5	8	12
Termination/接线方式	SMT/贴片式			
Wire gauge/线规	—			
Operating temperature/工作温度	-25°C ~ +85°C			
Mechanical operation/插拔次数	> 100 mating cycles			
Rated voltage/额定电压	250V	60V	30V	
Rated current (40°C)/额定电流	4A		2A	1.5A
Protection degree/防护等级	IP67			
Contact resistance/接触电阻	< 10mΩ			
Insulation resistance/绝缘电阻	≥100MΩ			
Pin contact/插针材料	CuZn			
Socket contact/插孔材料	CuSn			
Contact plating/针孔镀层材料	Au			

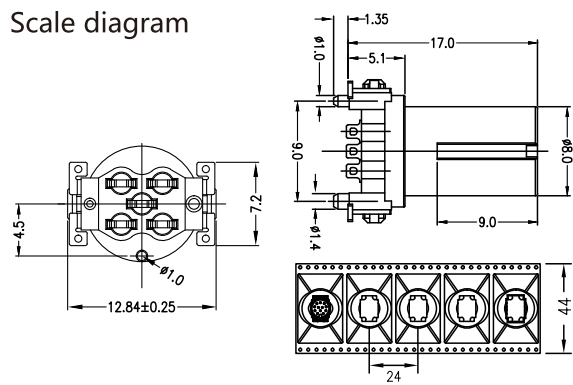
M12 Circular connectors

M12 A-coding female SMT

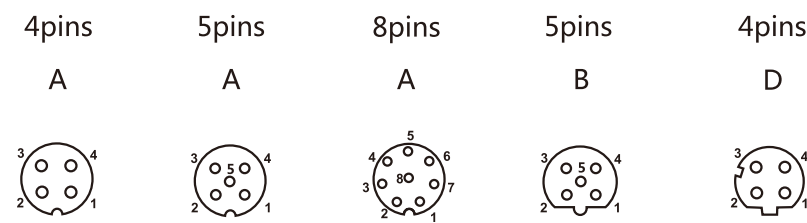
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	A	120105-04-019	—
4pins	D	120404-04-053	—
5pins	A	120105-04-023	—
5pins	B	120108-04-015	—
8pins	A	120108-04-021	—

Specifications/技术参数

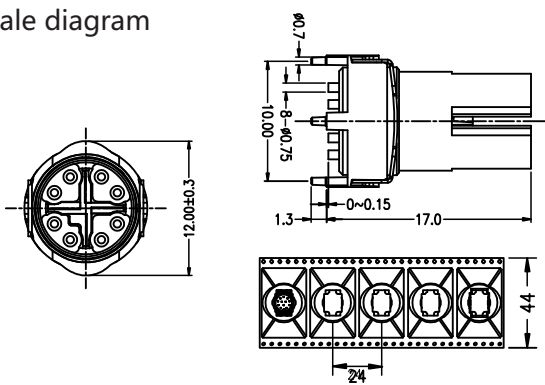
Number of contacts/芯数	4	5	8
Termination/接线方式	SMT/贴片式		
Wire gauge/线规	—		
Operating temperature/工作温度	-25°C ~ +85°C		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	250V	60V	30V
Rated current (40°C)/额定电流	4A		2A
Protection degree/防护等级	IP67		
Contact resistance/接触电阻	< 10mΩ		
Insulation resistance/绝缘电阻	≥100MΩ		
Pin contact/插针材料	CuZn		
Socket contact/插孔材料	CuSn		
Contact plating/针孔镀层材料	Au		

M12 X-coding female SMT

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins

X

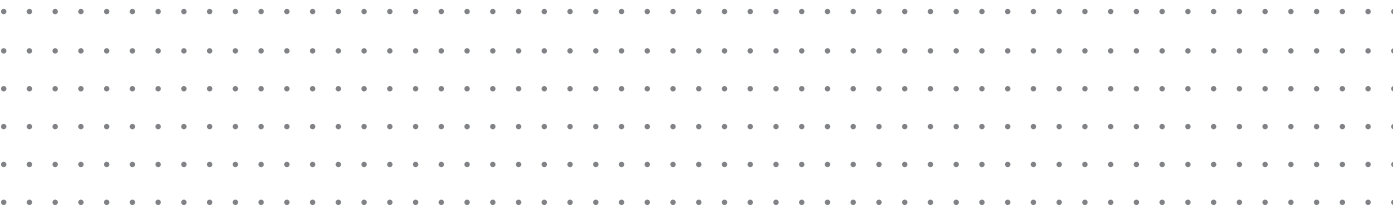


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	—
8pins	X	120708-04-005	black insert 黑色胶芯
8pins	X	120708-04-014	white insert 白色胶芯

Specifications/技术参数

Number of contacts/芯数	8
Termination/接线方式	SMT
Wire gauge/线规	—
Operating temperature/工作温度	-40°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	0.5A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

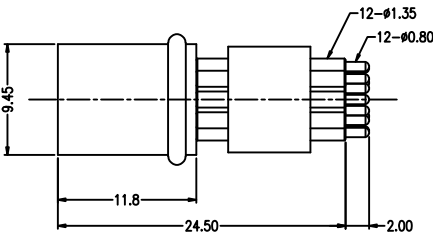


M12 A-coding male PCB

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins

5pins

8pins

12pins

A

A

A

A



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	A	120104-03-017	PMM12FAM04017
5pins	A	120105-03-024	PMM12FAM05018
8pins	A	120108-03-027	PMM12FAM08017
12pins	A	120112-03-023	PMM12FAM12018

Specifications/技术参数

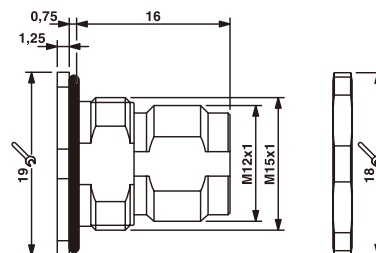
Number of contacts/芯数	4	5	8	12
Termination/接线方式	PCB/插板式			
Wire gauge/线规	—			
Operating temperature/工作温度	-25°C ~ +85°C			
Mechanical operation/插拔次数	> 100 mating cycles			
Rated voltage/额定电压	250V	60V	30V	
Rated current (40°C)/额定电流	4A		2A	1.5A
Protection degree/防护等级	IP67			
Contact resistance/接触电阻	< 10mΩ			
Insulation resistance/绝缘电阻	≥100MΩ			
Pin contact/插针材料	CuZn			
Socket contact/插孔材料	CuSn			
Contact plating/针孔镀层材料	Au			

M12 Male SMT Shell

Product figure



Scale diagram

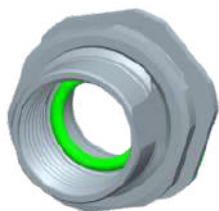


Order No/订货号

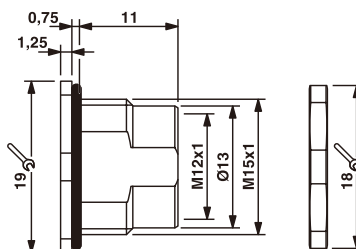
FWK00960

M12 Female SMT Shell

Product figure



Scale diagram



Order No/订货号

FWK00959

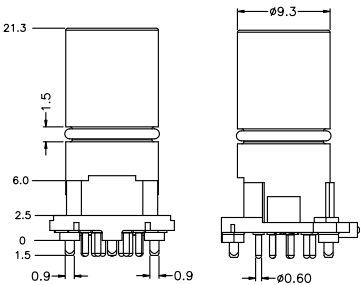
M12 Circular connectors

M12 A-coding Male THR

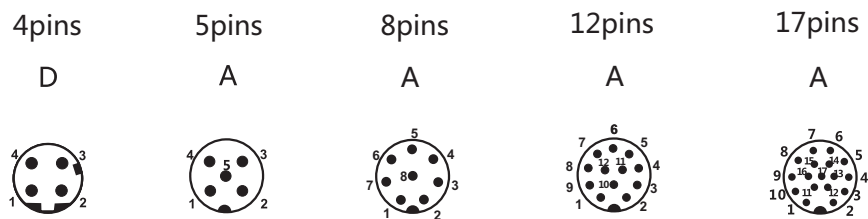
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	D	120404-03-043	—
5pins	A	120105-03-184	—
8pins	A	120108-03-145	—
12pins	A	120112-03-087	—
17pins	A	120117-03-043	—

Specifications/技术参数

Number of contacts/芯数	4	5	8	12	17
Termination/接线方式	THR				
Wire gauge/线规	—				
Operating temperature/工作温度	-25°C~+85°C				
Mechanical operation/插拔次数	> 100 mating cycles				
Rated voltage/额定电压	250V	60V	30V		
Rated current (40°C)/额定电流	4A		2A	1.5A	
Protection degree/防护等级	IP67				
Contact resistance/接触电阻	< 10mΩ				
Insulation resistance/绝缘电阻	≥100MΩ				
Pin contact/插针材料	CuZn				
Socket contact/插孔材料	CuSn				
Contact plating/针孔镀层材料	Au				

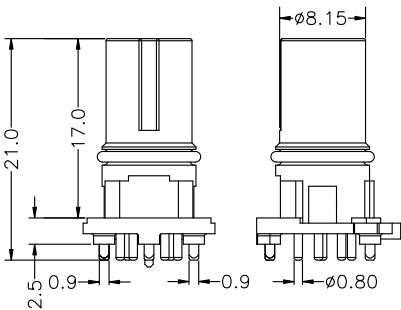
M12 Circular connectors

M12 A-coding Female THR

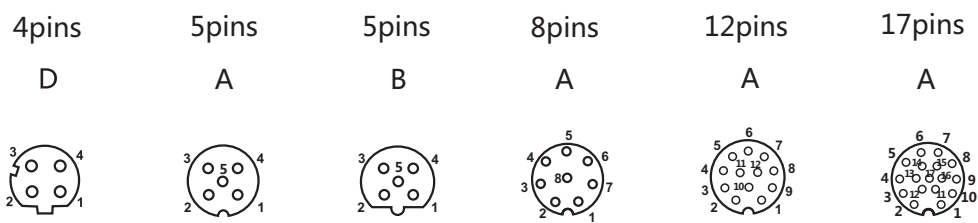
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	D	120404-04-151	—
5pins	A	120105-04-147	—
	B	120205-04-029	—
8pins	A	120108-04-145	—
12pins	A	120112-04-063	—
17pins	A	120117-04-038	—

Specifications/技术参数

Number of contacts/芯数	4	5	8	12	17
Termination/接线方式	THR				
Wire gauge/线规	—				
Operating temperature/工作温度	-25°C~+85°C				
Mechanical operation/插拔次数	> 100 mating cycles				
Rated voltage/额定电压	250V	60V	30V		
Rated current (40°C)/额定电流	4A		2A	1.5A	
Protection degree/防护等级	IP67				
Contact resistance/接触电阻	< 10mΩ				
Insulation resistance/绝缘电阻	≥100MΩ				
Pin contact/插针材料	CuZn				
Socket contact/插孔材料	CuSn				
Contact plating/针孔镀层材料	Au				

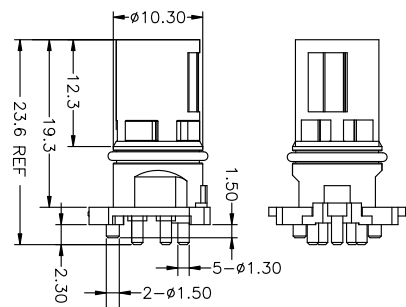
M12 Circular connectors

M12 L-coding Male THR

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+FE

L



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
5pins	L	121005-03-016	—

Specifications/技术参数

Number of contacts/芯数	5
Termination/接线方式	THR
Wire gauge/线规	—
Operating temperature/工作温度	-25°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	16A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	< 10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

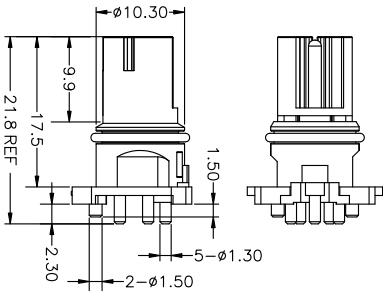
M12 Circular connectors

M12 L-coding Female THR

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+FE

L



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
5pins	L	121005-04-017	—

Specifications/技术参数

Number of contacts/芯数	5
Termination/接线方式	THR
Wire gauge/线规	—
Operating temperature/工作温度	-25°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	16A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	< 10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

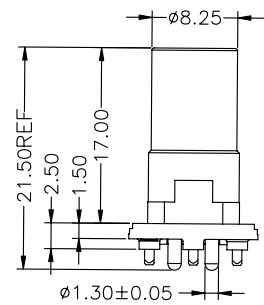
M12 Circular connectors

M12 T-coding Male THR

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins

T



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	T	120604-03-002	—

Specifications/技术参数

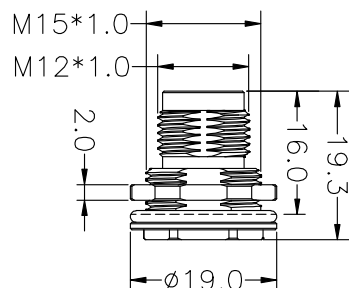
Number of contacts/芯数	4
Termination/接线方式	THR
Wire gauge/线规	—
Operating temperature/工作温度	-25°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	12A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	< 10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

M12 Male THR Shell

Product figure



Scale diagram

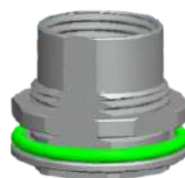


Order No/订货号

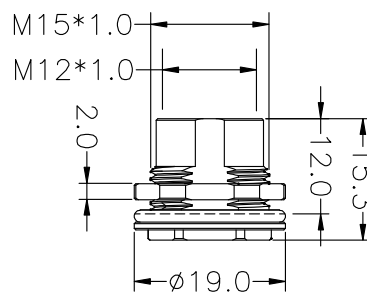
FWK00815

M12 Female THR Shell

Product figure



Scale diagram



Order No/订货号

FWK00816

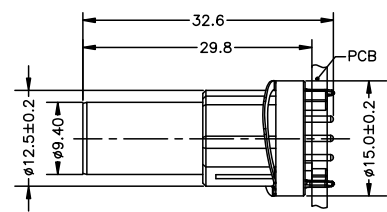
M12 Circular connectors

Male PCB adapter

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins

5pins

A

A



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	A	120104-03-153	—
5pins	A	120105-03-185	—

Specifications/技术参数

Number of contacts/芯数	4	5
Termination/接线方式	PCB/插板式	
Wire gauge/线规	—	
Operating temperature/工作温度	-25°C ~ +85°C	
Mechanical operation/插拔次数	> 100 mating cycles	
Rated voltage/额定电压	250V	60V
Rated current (40°C)/额定电流	4A	
Protection degree/防护等级	IP67/IP68	
Contact resistance/接触电阻	< 10mΩ	
Insulation resistance/绝缘电阻	≥100MΩ	
Pin contact/插针材料	CuZn	
Socket contact/插孔材料	CuSn	
Contact plating/针孔镀层材料	Au	

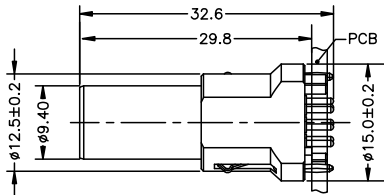


Male PCB adapter

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

8pins

A

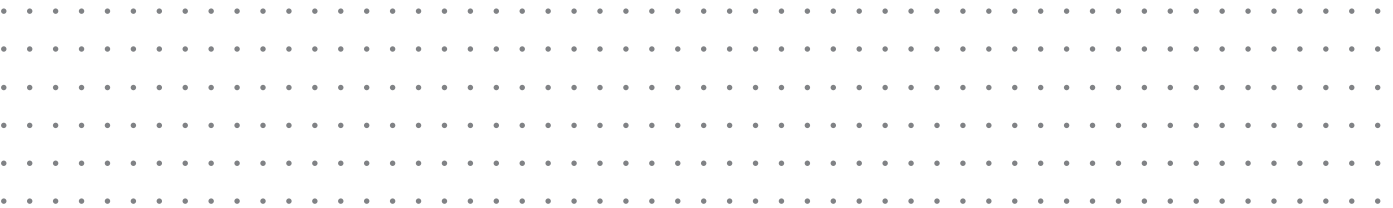


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
8pins	A	120108-03-151	—

Specifications/技术参数

Number of contacts/芯数	8
Termination/接线方式	PCB/插板式
Wire gauge/线规	—
Operating temperature/工作温度	-25°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	30V
Rated current (40°C)/额定电流	2A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	< 10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



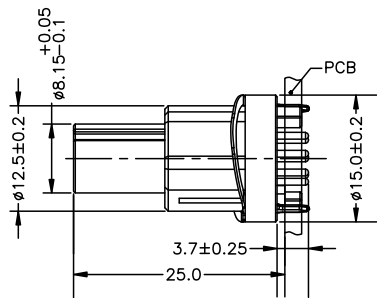
M12 Circular connectors

Female PCB adapter

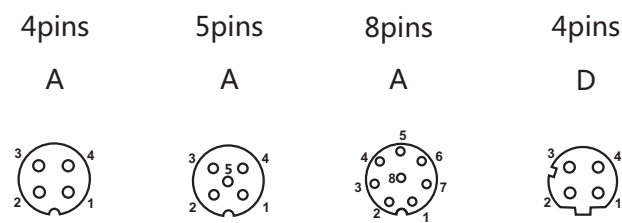
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	A	120104-04-138	—
4pins	D	120404-04-149	—
5pins	A	120105-04-150	—
8pins	A	120108-04-146	—

Specifications/技术参数

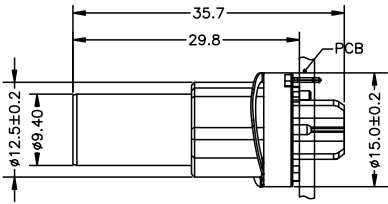
Number of contacts/芯数	4	5	8
Termination/接线方式	PCB/插板式		
Wire gauge/线规	—		
Operating temperature/工作温度	-25°C ~ +85°C		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	250V	60V	
Rated current (40°C)/额定电流	4A		2A
Protection degree/防护等级	IP67/IP68		
Contact resistance/接触电阻	< 10mΩ		
Insulation resistance/绝缘电阻	≥100MΩ		
Pin contact/插针材料	CuZn		
Socket contact/插孔材料	CuSn		
Contact plating/针孔镀层材料	Au		

Male PCB adapter

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3+PE

S

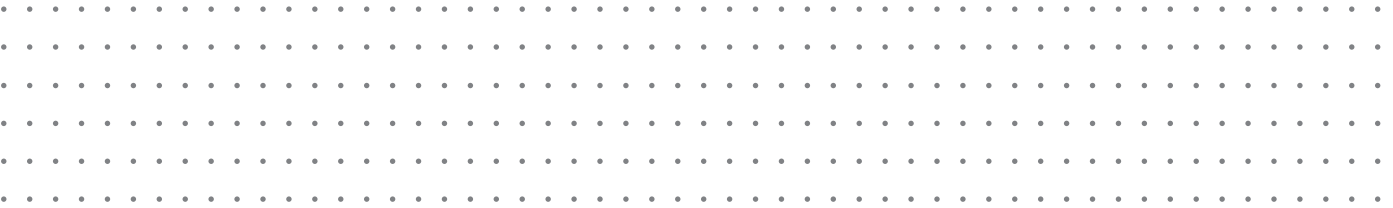


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	S	120504-03-018	—

Specifications/技术参数

Number of contacts/芯数	4
Termination/接线方式	PCB/插板式
Wire gauge/线规	—
Operating temperature/工作温度	-25℃~+85℃
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	630V
Rated current (40℃)/额定电流	12A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	< 10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



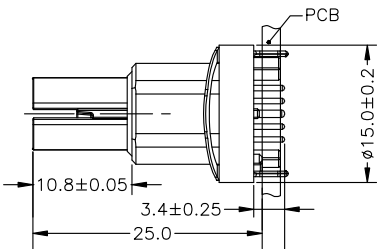
M12 Circular connectors

Male PCB adapter

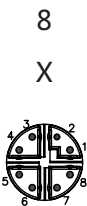
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

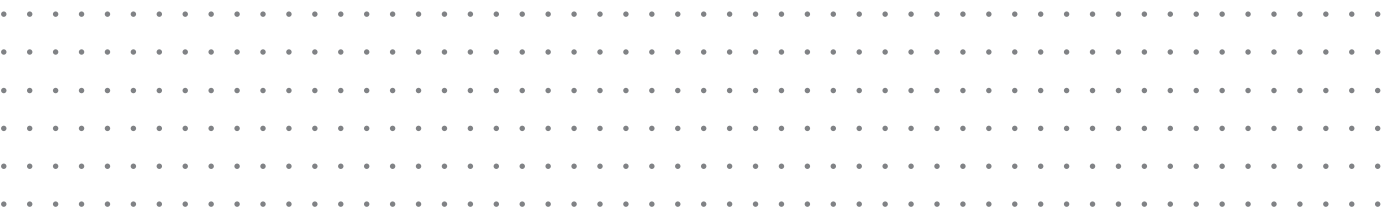


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
8pins	X	120708-04-089	—

Specifications/技术参数

Number of contacts/芯数	8
Termination/接线方式	PCB/插板式
Wire gauge/线规	—
Operating temperature/工作温度	-25°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	0.5A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	< 10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



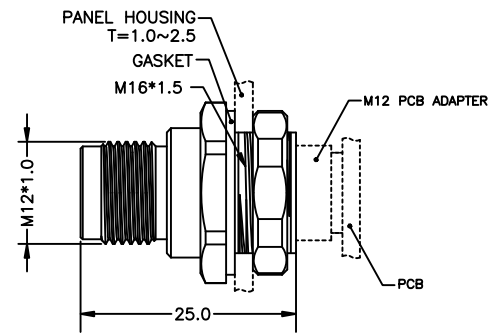
M12 Circular connectors

Male PCB adapter shell

Product figure



Scale diagram



Order No/订货号

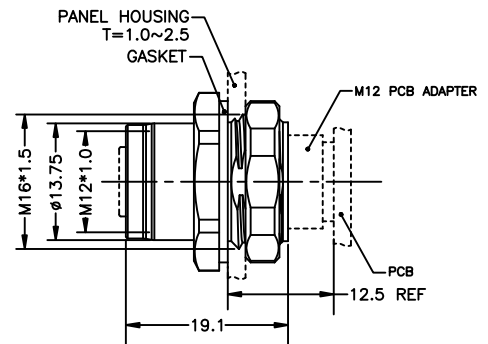
FWK00813

Female PCB adapter shell

Product figure



Scale diagram



Order No/订货号

FWK00814

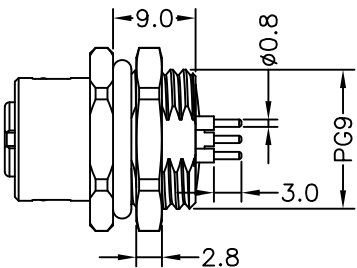
M12 Push-Pull Circular connectors

Female panel connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins

5pins

8pins

4pins

A

A

A

D



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	A	120104-04-135	—
	D	120404-04-135	—
5pins	A	120105-04-135	—
8pins	A	120108-04-135	—

Specifications/技术参数

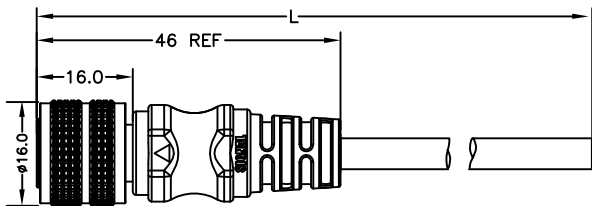
Number of contacts/芯数	4	5	8
Termination/接线方式	PCB/插板式		
Wire gauge/线规	—		
Operating temperature/工作温度	-25°C ~ +85°C		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	250V	60V	30V
Rated current (40°C)/额定电流	4A		2A
Protection degree/防护等级	IP67/IP68		
Contact resistance/接触电阻	< 10mΩ		
Insulation resistance/绝缘电阻	≥100MΩ		
Pin contact/插针材料	CuZn		
Socket contact/插孔材料	CuSn		
Contact plating/针孔镀层材料	Au		

Male cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins

5pins

8pins

4pins

A

A

A

D



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	A	120104-05-198~204	—
	D	120404-05-079~085	—
5pins	A	120105-05-263~269	—
8pins	A	120108-05-195~201	—

Specifications/技术参数

Number of contacts/芯数	4		5	8
Termination/接线方式	moulded on cable/成型线			
Wire gauge/线规	0.14/0.25/0.34mm ² / (26/24/22AWG)			
Operating temperature/工作温度	-25°C ~ +85°C			
Mechanical operation/插拔次数	> 100 mating cycles			
Rated voltage/额定电压	250V		60V	30V
Rated current (40°C)/额定电流	4A			2A
Protection degree/防护等级	IP67/IP68			
Contact resistance/接触电阻	< 10mΩ			
Insulation resistance/绝缘电阻	≥100MΩ			
Pin contact/插针材料	CuZn			
Socket contact/插孔材料	CuSn			
Contact plating/针孔镀层材料	Au			

M12 Automation Technology Special X-Coding

- M12 X-coding
- 8 contacts
- Ethernet , Profinet application
- With Cat5/Cat5e/Cat6/Cat7 cables
- 4 twin data transmission up to 10 Gbit/s
- -40°C-85°C temperature range
- 0.5A rated current
- 800V rated impulse voltage
- IP67 degree of protection
- Cable assembly/Panel mount type
Field attachable type/Crimp type are available
- In accordance with DIN IEC 61076-2-109



M12 自动化技术特殊连接器 X型



- M12 X型
- 8 芯
- 以太网应用
- 使用Cat5/Cat5e/Cat6/Cat7 线材
- 4双数据传输10 Gbit / s
- -40°C-85°C 温度范围内
- 0.5A 额定电流
- 800V 额定脉冲电压
- IP67 防护等级
- 电缆组件/面板式
字段可连接类型/压接类型
- 按照DIN IEC 61076-2-109标准

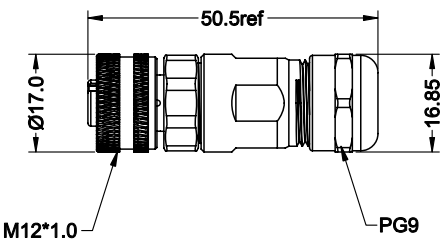
This image shows a full page of dot grid paper. The dots are arranged in a precise, repeating square pattern across the entire surface. There are no margins, text, or other markings present. The dots are a light gray color on a white background.

Female assembly connector

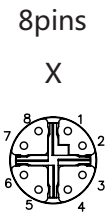
Product figure (PG9 with shield)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
8pins	X	120708-02-001	ASM12XF08001

Specifications/技术参数

Number of contacts/芯数	8
Termination/接线方式	solder/焊接
Wire gauge/线规	0.14/0.25mm ² (26/24 AWG)
Cable OD/线材直径	6~8mm
Operating temperature/工作温度	-40°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	0.5A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

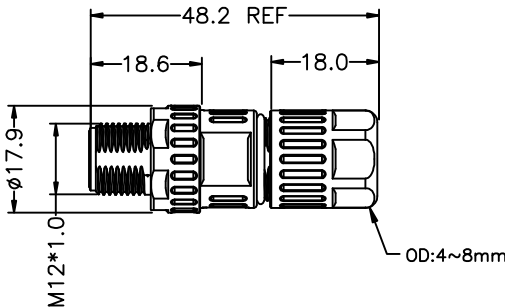


Male assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

8pins

X



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
8pins	X	120708-01-007	—

Specifications/技术参数

Number of contacts/芯数	8
Termination/接线方式	crimp/压接
Wire gauge/线规	0.14/0.25mm ² (26/24 AWG)
Cable OD/线材直径	4~8mm
Operating temperature/工作温度	-40℃~+85℃
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40℃)/额定电流	0.5A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

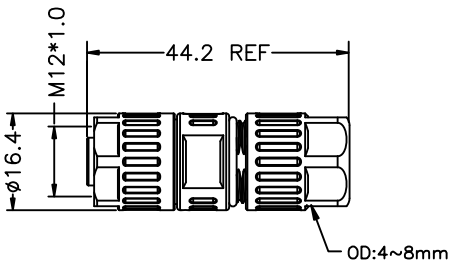


Female assembly connector

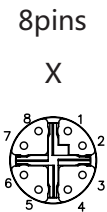
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
8pins	X	120708-02-042	—

Specifications/技术参数

Number of contacts/芯数	8
Termination/接线方式	crimp/压接
Wire gauge/线规	0.14/0.25mm ² (26/24 AWG)
Cable OD/线材直径	4~8mm
Operating temperature/工作温度	-40°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	0.5A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



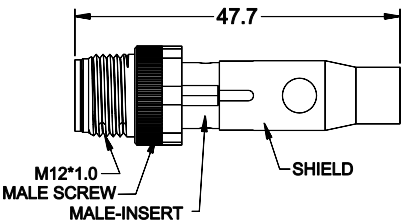
M12 Circular connectors

Male connector for over-molding

Product figure (with shield)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

8pins

X



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
8pins	X	120708-20-001	M12XM08001

Specifications/技术参数

Number of contacts/芯数	8
Termination/接线方式	solder/焊接
Wire gauge/线规	0.14/0.25mm ² (26/24 AWG)
Operating temperature/工作温度	-40°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	0.5A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

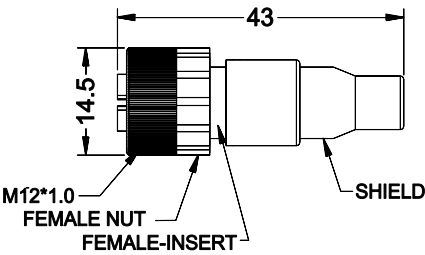
M12 Circular connectors

Female connector for over-molding

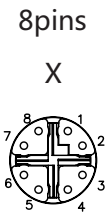
Product figure (with shield)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

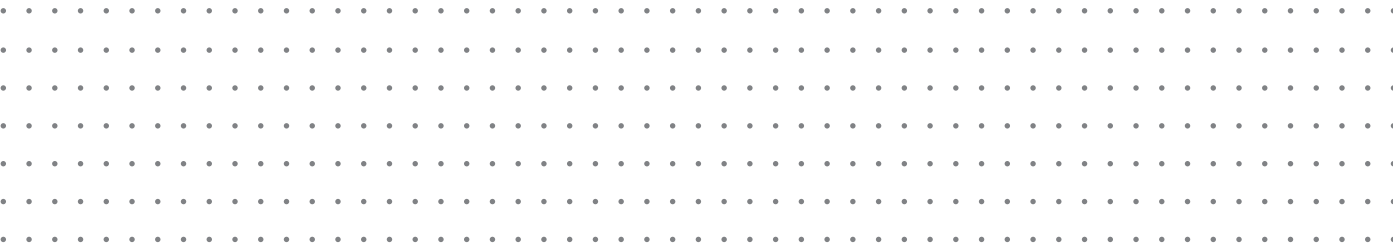


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
8pins	X	120708-21-001	M12XF08001

Specifications/技术参数

Number of contacts/芯数	8
Termination/接线方式	solder/焊接
Wire gauge/线规	0.14/0.25mm ² (26/24 AWG)
Operating temperature/工作温度	-40°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	0.5A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

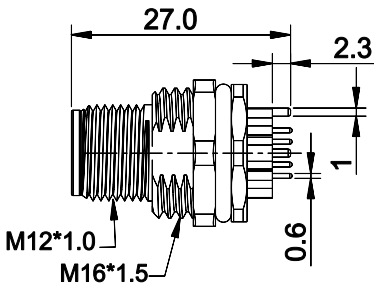


M12 Circular connectors

Male panel connector

Product figure (M16*1.5 front fastened DIP)

Scale diagram



Contact layout/针孔排布 (Front view/前视图)

8pins

X

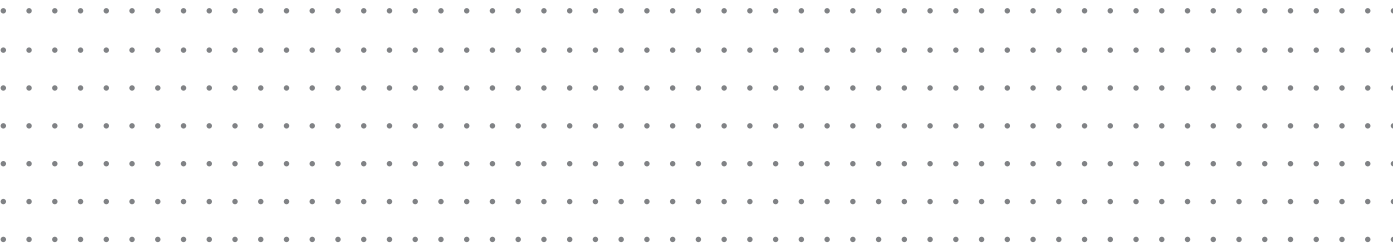


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
8pins	X	120708-03-001	PMM12FXM08001

Specifications/技术参数

Number of contacts/芯数	8
Termination/接线方式	PCB/插板式
Wire gauge/线规	—
Operating temperature/工作温度	-40°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	0.5A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



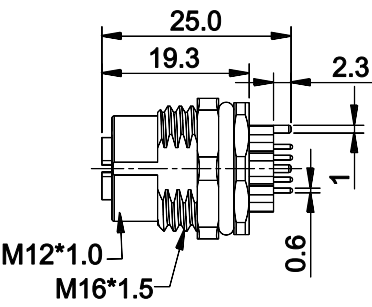
M12 Circular connectors

Female panel connector

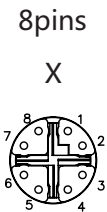
Product figure (M16*1.5 front fastened DIP)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

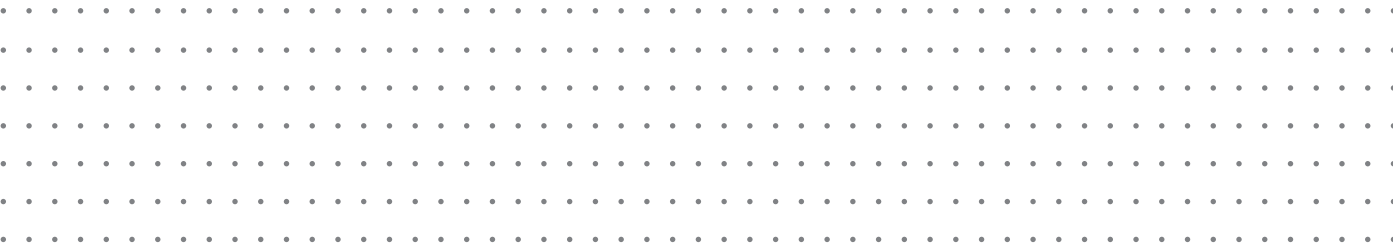


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
8pins	X	120708-04-001	PMM12FXF08001

Specifications/技术参数

Number of contacts/芯数	8
Termination/接线方式	PCB/插板式
Wire gauge/线规	—
Operating temperature/工作温度	-40°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	0.5A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



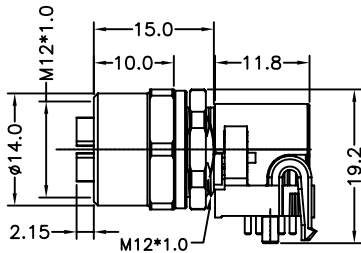
M12 Circular connectors

Female panel connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

8pins

X

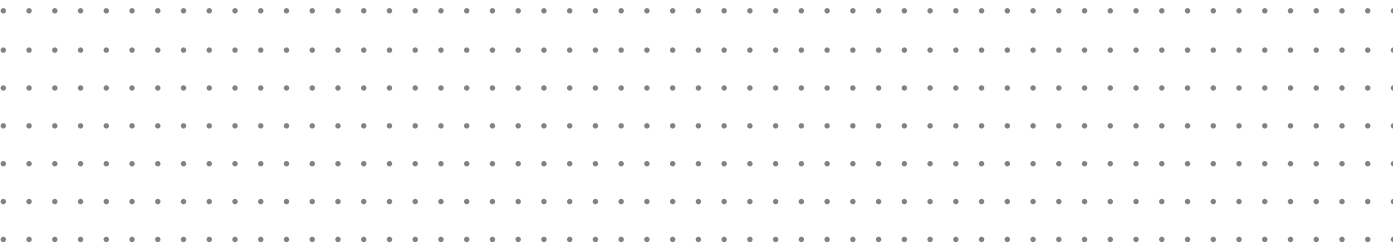


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
8pins	X	120708-04-049	—

Specifications/技术参数

Number of contacts/芯数	8
Termination/接线方式	PCB/插板式
Wire gauge/线规	—
Operating temperature/工作温度	-40°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	0.5A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



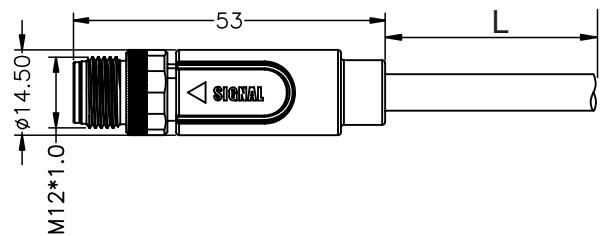
M12 Circular connectors

Male cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

8pins

X

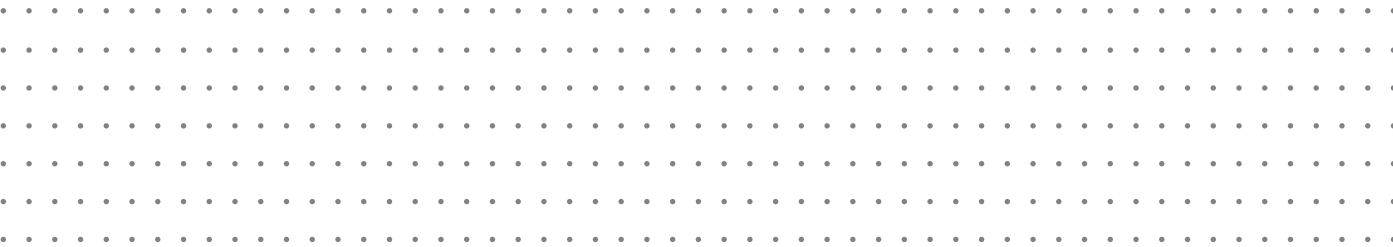


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
8pins	X	120708-05-002	CAM12SXM08001

Specifications/技术参数

Number of contacts/芯数	8
Termination/接线方式	moulded on cable/成型线
Wire gauge/线规	0.14/0.25mm ² (26/24 AWG)
Operating temperature/工作温度	-40°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	0.5A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



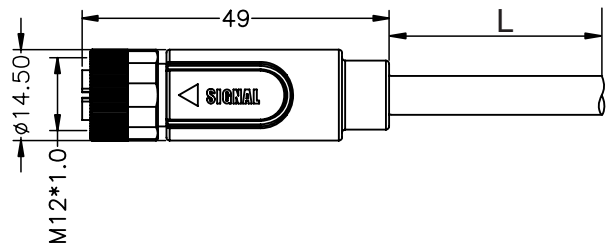
M12 Circular connectors

Female cable

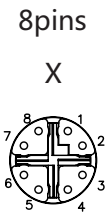
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

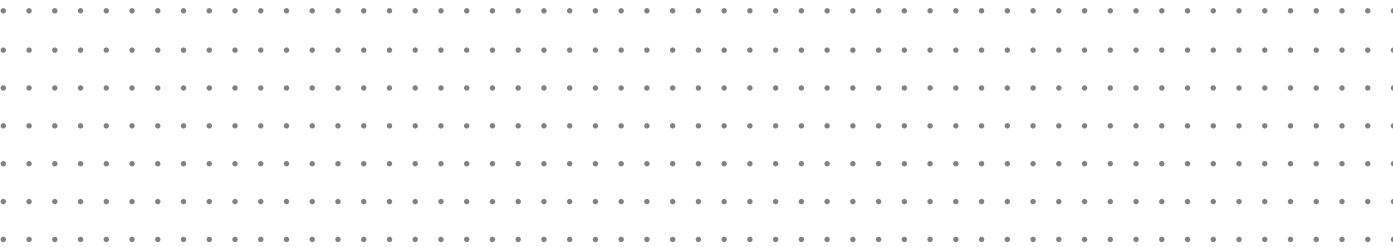


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
8pins	X	120708-06-001	CAM12SXF08001

Specifications/技术参数

Number of contacts/芯数	8
Termination/接线方式	moulded on cable/成型线
Wire gauge/线规	0.14/0.25mm ² (26/24 AWG)
Operating temperature/工作温度	-40°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	0.5A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



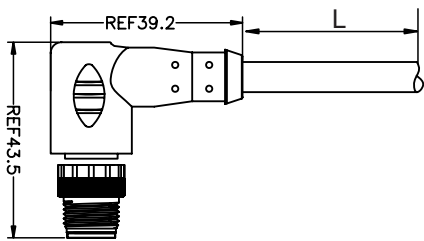
M12 Circular connectors

Male cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

8pins

X

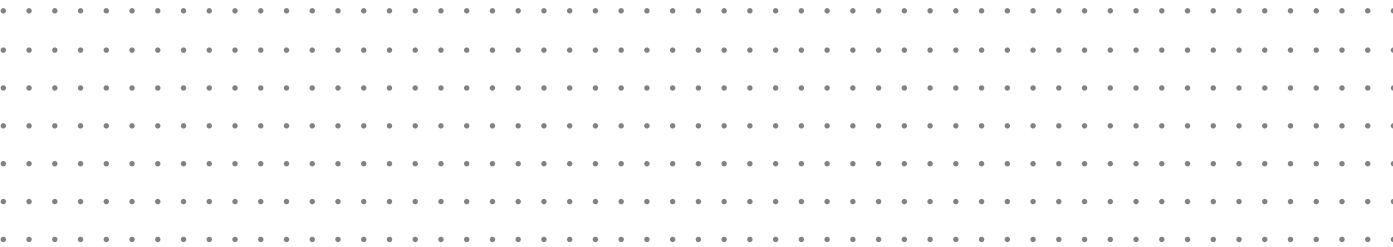


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
8pins	X	120708-05-003	CAM12RXM08002

Specifications/技术参数

Number of contacts/芯数	8
Termination/接线方式	moulded on cable/成型线
Wire gauge/线规	0.14/0.25mm ² (26/24 AWG)
Operating temperature/工作温度	-40°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	0.5A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



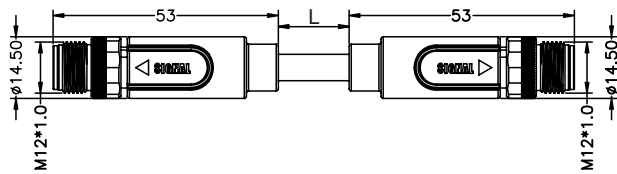
M12 Circular connectors

Male to Male cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

8pins

X

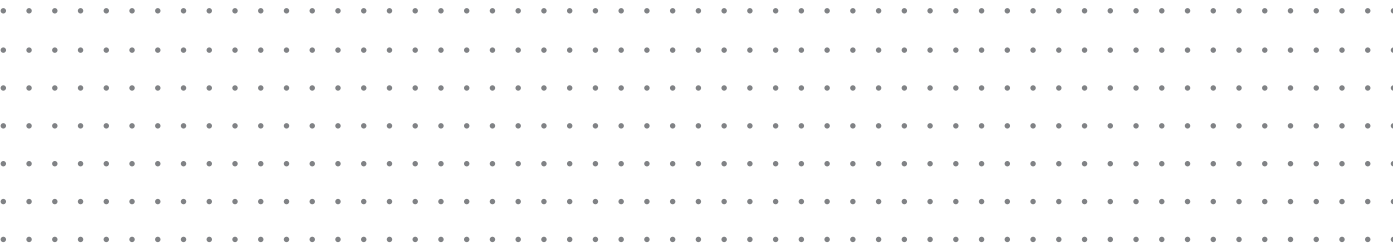


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
8pins	X	120708-55-001	CAM12SXM08001//CAM12SXM08001

Specifications/技术参数

Number of contacts/芯数	8
Termination/接线方式	moulded on cable/成型线
Wire gauge/线规	0.14/0.25mm ² (26/24 AWG)
Operating temperature/工作温度	-40°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	0.5A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

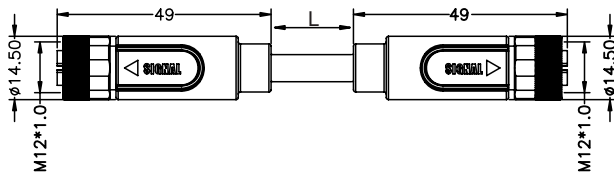


Female to Female cable

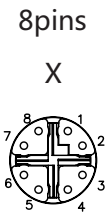
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

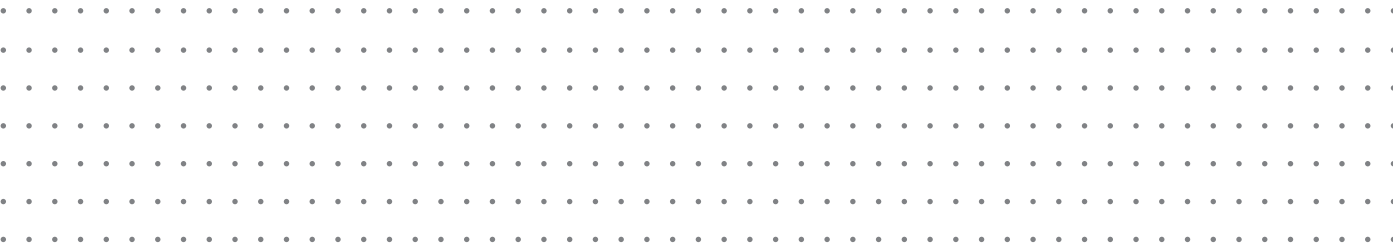


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
8pins	X	120708-66-001	CAM12SXF08001//CAM12SXF08001

Specifications/技术参数

Number of contacts/芯数	8
Termination/接线方式	moulded on cable/成型线
Wire gauge/线规	0.14/0.25mm ² (26/24 AWG)
Operating temperature/工作温度	-40°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	0.5A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



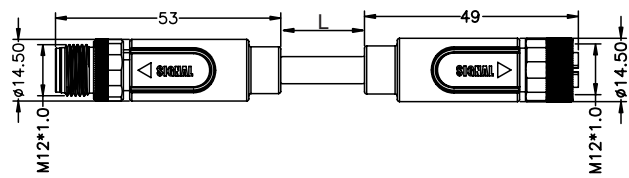
M12 Circular connectors

Male to Female cable

Product figure



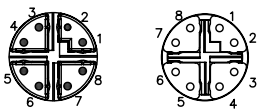
Scale diagram



Contact layout/针孔排布 (Front view/前视图)

8pins

X



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
8pins	X	120708-56-001	CAM12SXM08001//CAM12SXF08001

Specifications/技术参数

Number of contacts/芯数	8
Termination/接线方式	moulded on cable/成型线
Wire gauge/线规	0.14/0.25mm ² (26/24 AWG)
Operating temperature/工作温度	-40°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	0.5A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

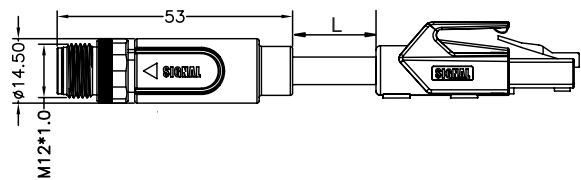
M12 Circular connectors

Male to RJ45 cable

Product figure



Scale diagram

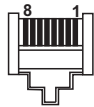


Contact layout/针孔排布 (Front view/前视图)

8pins

RJ45

X



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
8pins	X	120708-57-001	CAM12SXM08001//RJ45

Specifications/技术参数

Number of contacts/芯数	8
Termination/接线方式	moulded on cable/成型线
Wire gauge/线规	0.14/0.25mm ² (26/24 AWG)
Operating temperature/工作温度	-40°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	0.5A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

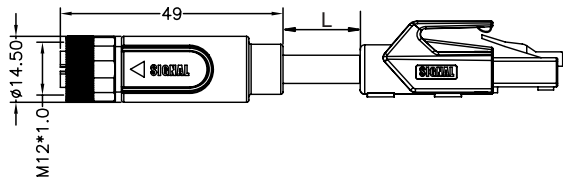
M12 Circular connectors

Female to RJ45 cable

Product figure



Scale diagram

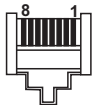


Contact layout/针孔排布 (Front view/前视图)

8pins

RJ45

X



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
8pins	X	120708-67-001	CAM12SXF08001//RJ45

Specifications/技术参数

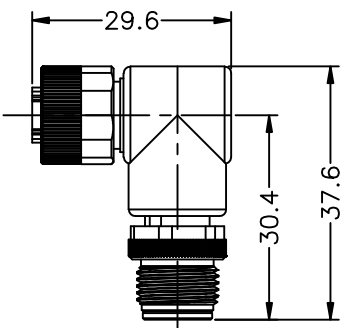
Number of contacts/芯数	8
Termination/接线方式	moulded on cable/成型线
Wire gauge/线规	0.14/0.25mm ² (26/24 AWG)
Operating temperature/工作温度	-40°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	0.5A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

Male to Female Adapter (90°)

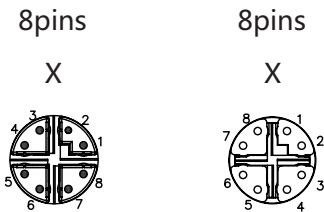
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

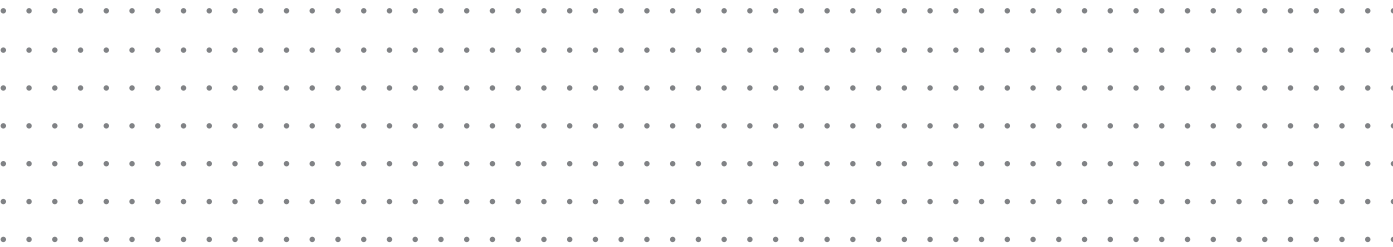


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
8pins	X	120708-10-016	—

Specifications/技术参数

Number of contacts/芯数	8
Termination/接线方式	—
Wire gauge/线规	—
Operating temperature/工作温度	-40°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	0.5A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

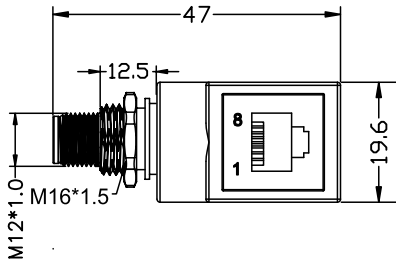


M12 Male to RJ45 Adapter (90°)

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

8pins

RJ45

X



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
8pins	X	120708-10-004	SPM12SX08003

Specifications/技术参数

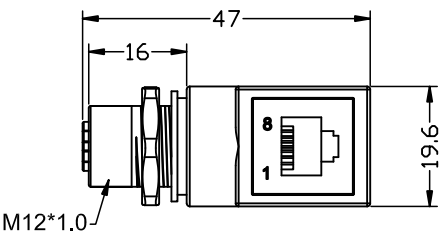
Number of contacts/芯数	8
Termination/接线方式	—
Wire gauge/线规	—
Operating temperature/工作温度	-40°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	0.5A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

M12 Female to RJ45 Adapter (90°)

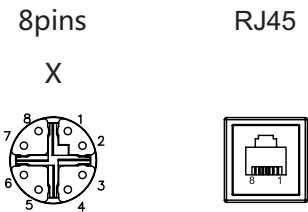
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

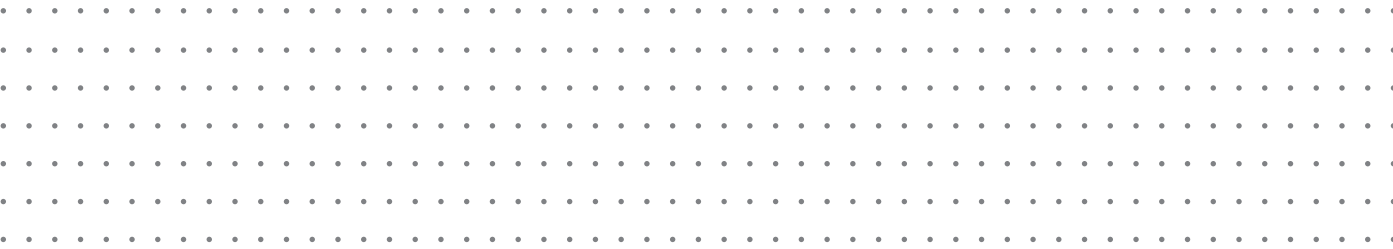


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
8pins	X	120708-10-005	SPM12SX08004

Specifications/技术参数

Number of contacts/芯数	8
Termination/接线方式	—
Wire gauge/线规	—
Operating temperature/工作温度	-40°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	0.5A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



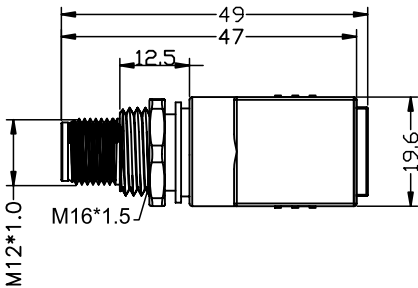
M12 Circular connectors

M12 Male to RJ45 Adapter (180°)

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

8pins

RJ45

X



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
8pins	X	120708-10-006	120708-10-006

Specifications/技术参数

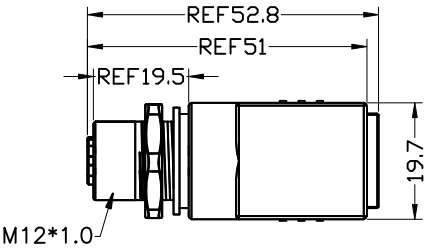
Number of contacts/芯数	8
Termination/接线方式	—
Wire gauge/线规	—
Operating temperature/工作温度	-40°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	0.5A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

M12 Female to RJ45 Adapter (180°)

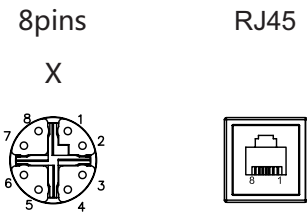
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
8pins	X	120708-10-007	SPM12SX08006

Specifications/技术参数

Number of contacts/芯数	8
Termination/接线方式	—
Wire gauge/线规	—
Operating temperature/工作温度	-40°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	50V AC / 60V DC
Rated current (40°C)/额定电流	0.5A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

M12 Automation Technology Special S-Coding

- M12 S-coding
- 3/4 contacts
- Max 16AWG/1.5mm² wire gauge
- -40°C-85°C temperature range
- 16A/12A rated current
- 630V rated voltage
- IP67 degree of protection
- Cable assembly/Panel mount type
Field attachable type are available
- In accordance with DIN EN 61076-2-111



M12 自动化技术特殊连接器 S型



- M12 S型
- 3/4 芯
- 最大16AWG/1.5mm²线规
- -40°C-85°C温度范围内
- 16A/12A额定电流
- 630V额定电压
- IP67防护等级
- 电缆组件/面板式/字段可连接类型
- 按照DIN EN 61076-2-111标准

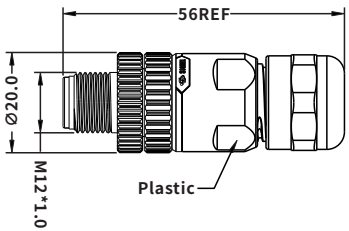
M12 Circular connectors

Male assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

2+PE

S



3+PE

S



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
2+PE	S	120503-01-001	ASM12SM03001
3+PE	S	120504-01-001	ASM12SM04001

Specifications/技术参数

Number of contacts/芯数	2+PE	3+PE
Termination/接线方式	solder/焊接	
Wire gauge/线规	max. 1.5mm ² (max.16 AWG)	
Cable OD/线材直径	6~8mm	
Operating temperature/工作温度	-40℃~+85℃	
Mechanical operation/插拔次数	> 100 mating cycles	
Rated voltage/额定电压	630V	
Rated current (40℃)/额定电流	12A	
Protection degree/防护等级	IP67/IP68	
Contact resistance/接触电阻	≤3mΩ	
Insulation resistance/绝缘电阻	≥100MΩ	
Pin contact/插针材料	CuZn	
Socket contact/插孔材料	CuSn	
Contact plating/针孔镀层材料	Au	

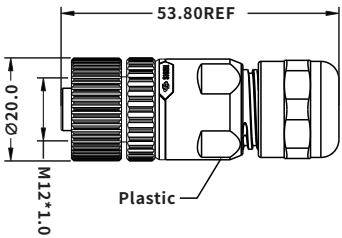


Female assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

2+PE

S



3+PE

S



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
2+PE	S	120503-02-001	ASM12SF03001
3+PE	S	120504-02-001	ASM12SF04001

Specifications/技术参数

Number of contacts/芯数	2+PE	3+PE
Termination/接线方式	solder/焊接	
Wire gauge/线规	max. 1.5mm ² (max.16 AWG)	
Cable OD/线材直径	6~8mm	
Operating temperature/工作温度	-40°C~+85°C	
Mechanical operation/插拔次数	> 100 mating cycles	
Rated voltage/额定电压	630V	
Rated current (40°C)/额定电流	12A	
Protection degree/防护等级	IP67/IP68	
Contact resistance/接触电阻	≤3mΩ	
Insulation resistance/绝缘电阻	≥100MΩ	
Pin contact/插针材料	CuZn	
Socket contact/插孔材料	CuSn	
Contact plating/针孔镀层材料	Au	

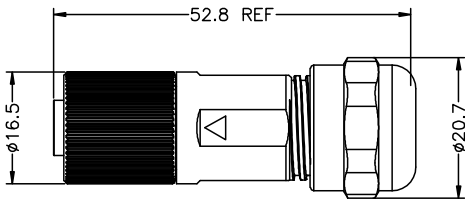


Female assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3+PE

S



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3+PE	S	120504-02-002	—

Specifications/技术参数

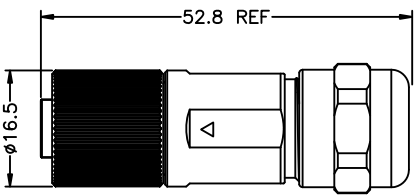
Number of contacts/芯数	3+PE
Termination/接线方式	crimp/压接
Wire gauge/线规	max. 1.5mm ² (max.16 AWG)
Cable OD/线材直径	6~8mm
Operating temperature/工作温度	-40°C~+85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	630V
Rated current (40°C)/额定电流	12A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

Female assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3+PE

S



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3+PE	S	120504-02-005	—

Specifications/技术参数

Number of contacts/芯数	3+PE
Termination/接线方式	crimp/压接
Wire gauge/线规	max. 1.5mm ² (max. 16 AWG)
Cable OD/线材直径	6~8mm
Operating temperature/工作温度	-40°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	630V
Rated current (40°C)/额定电流	12A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

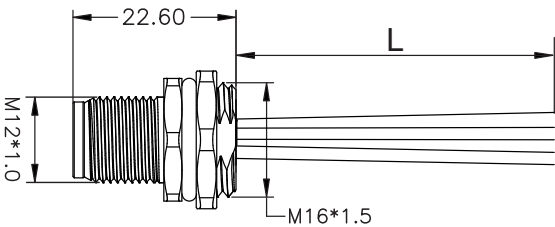
M12 Circular connectors

Male panel connector

Product figure (rear fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

2+PE

S



3+PE

S



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
2+PE	S	120503-03-001	PMM12BSM03001
3+PE	S	120504-03-001	PMM12BSM04001

Specifications/技术参数

Number of contacts/芯数	2+PE	3+PE
Termination/接线方式	solder/焊线式	
Wire gauge/线规	max. 1.5mm ² (max.16 AWG)	
Operating temperature/工作温度	-40°C ~ +80°C	
Mechanical operation/插拔次数	> 100 mating cycles	
Rated voltage/额定电压	630V	
Rated current (40°C)/额定电流	12A	
Protection degree/防护等级	IP67/IP68	
Contact resistance/接触电阻	≤3mΩ	
Insulation resistance/绝缘电阻	≥100MΩ	
Pin contact/插针材料	CuZn	
Socket contact/插孔材料	CuSn	
Contact plating/针孔镀层材料	Au	

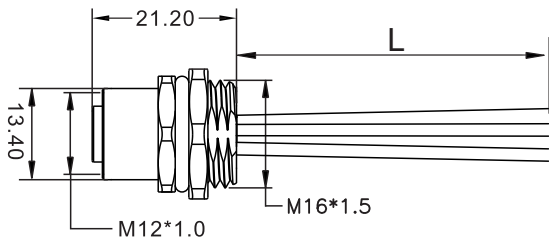


Female panel connector

Product figure (rear fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

2+PE

S



3+PE

S



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
2+PE	S	120503-04-001	PMM12BSF03001
3+PE	S	120504-04-002	PMM12BSF04001

Specifications/技术参数

Number of contacts/芯数	2+PE	3+PE
Termination/接线方式	solder/焊线式	
Wire gauge/线规	max. 1.5mm ² (max.16 AWG)	
Operating temperature/工作温度	-40°C ~ +80°C	
Mechanical operation/插拔次数	> 100 mating cycles	
Rated voltage/额定电压	630V	
Rated current (40°C)/额定电流	12A	
Protection degree/防护等级	IP67/IP68	
Contact resistance/接触电阻	≤3mΩ	
Insulation resistance/绝缘电阻	≥100MΩ	
Pin contact/插针材料	CuZn	
Socket contact/插孔材料	CuSn	
Contact plating/针孔镀层材料	Au	

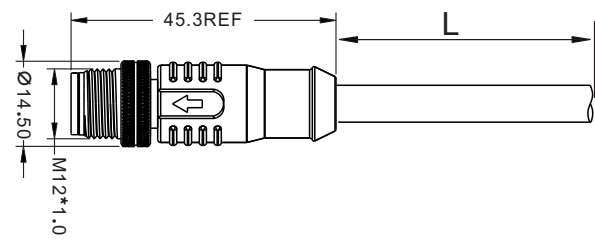
M12 Circular connectors

Male cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

2+PE

S



3+PE

S



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
2+PE	S	120503-05-001	CAM12SSM03001
3+PE	S	120504-05-002	CAM12SSM04001

Specifications/技术参数

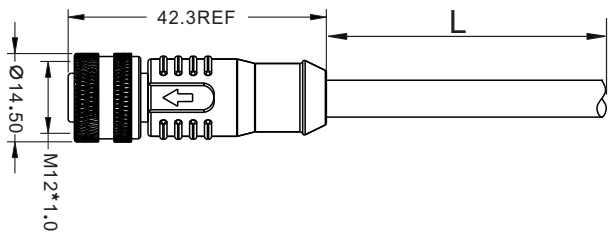
Number of contacts/芯数	2+PE	3+PE
Termination/接线方式	moulded on cable/成型线	
Wire gauge/线规	max. 1.5mm ² (max.16 AWG)	
Operating temperature/工作温度	-40°C ~ +80°C	
Mechanical operation/插拔次数	> 100 mating cycles	
Rated voltage/额定电压	630V	
Rated current (40°C)/额定电流	12A	
Protection degree/防护等级	IP67/IP68	
Contact resistance/接触电阻	≤3mΩ	
Insulation resistance/绝缘电阻	≥100MΩ	
Pin contact/插针材料	CuZn	
Socket contact/插孔材料	CuSn	
Contact plating/针孔镀层材料	Au	

Female cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
2+PE	S	120503-06-001	CAM12SSF03001
3+PE	S	120504-06-002	CAM12SSF04001

Specifications/技术参数

Number of contacts/芯数	2+PE	3+PE
Termination/接线方式	moulded on cable/成型线	
Wire gauge/线规	max. 1.5mm ² (max.16 AWG)	
Operating temperature/工作温度	-40°C ~ +80°C	
Mechanical operation/插拔次数	> 100 mating cycles	
Rated voltage/额定电压	630V	
Rated current (40°C)/额定电流	12A	
Protection degree/防护等级	IP67/IP68	
Contact resistance/接触电阻	≤3mΩ	
Insulation resistance/绝缘电阻	≥100MΩ	
Pin contact/插针材料	CuZn	
Socket contact/插孔材料	CuSn	
Contact plating/针孔镀层材料	Au	



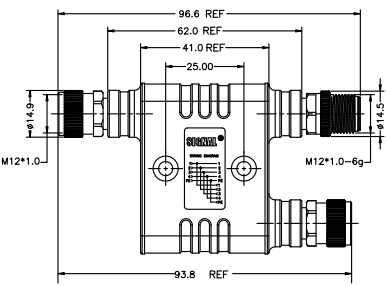
M12 Circular connectors

“H” Splitter

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3+PE

S



3+PE

S



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3+PE	S	120504-10-001	—

Specifications/技术参数

Number of contacts/芯数	3+PE
Termination/接线方式	—
Wire gauge/线规	—
Operating temperature/工作温度	-40°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	630V
Rated current (40°C)/额定电流	12A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



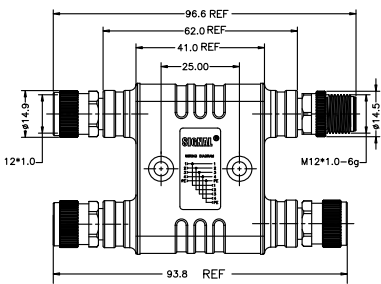
M12 Circular connectors

“H” Splitter

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
3+PE	S	120504-10-002	—

Specifications/技术参数

Number of contacts/芯数	3+PE
Termination/接线方式	—
Wire gauge/线规	—
Operating temperature/工作温度	-40°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	630V
Rated current (40°C)/额定电流	12A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



This image shows a full page of dot grid paper. The dots are arranged in a precise, repeating square pattern across the entire surface. There are no margins, text, or other markings present. The dots are a light gray color on a white background.

M12 Automation Technology Special T-Coding

- M12 T-coding
- 4 contacts
- Max 16AWG/1.5mm² wire gauge
- -40°C-85°C temperature range
- 12A rated current
- 63V rated voltage
- IP67 degree of protection
- Cable assembly/Panel mount type
Field attachable type are available
- In accordance with DIN EN 61076-2-111



M12 自动化技术特殊连接器 T型



- M12 T型
- 4 芯
- 最大16AWG/1.5mm²线规
- -40°C-85°C温度范围内
- 12A额定电流
- 63V额定电压
- IP67防护等级
- 电缆组件/面板式/字段可连接类型
- 按照DIN EN 61076-2-111标准

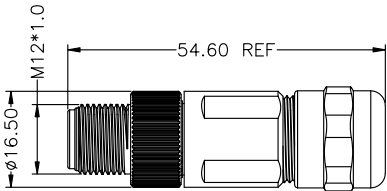
M12 Circular connectors

Male assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins

T



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	T	120604-01-003	—

Specifications/技术参数

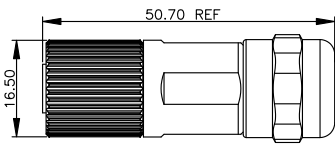
Number of contacts/芯数	4
Termination/接线方式	crimp/压接
Wire gauge/线规	max. 1.5mm ² (max. 16 AWG)
Cable OD/线材直径	6~8mm
Operating temperature/工作温度	-40°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	12A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

Female assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins

T



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	T	120604-02-001	ASM12TF04001

Specifications/技术参数

Number of contacts/芯数	4
Termination/接线方式	crimp/压接
Wire gauge/线规	max. 1.5mm ² (max. 16 AWG)
Cable OD/线材直径	6~8mm
Operating temperature/工作温度	-40°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	12A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



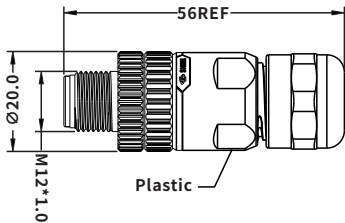
M12 Circular connectors

Male assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins

T



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	T	120604-01-002	—

Specifications/技术参数

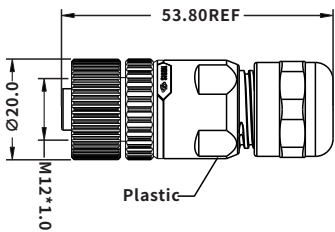
Number of contacts/芯数	4
Termination/接线方式	solder/焊线式
Wire gauge/线规	max. 1.5mm ² (max.16 AWG)
Cable OD/线材直径	6~8mm
Operating temperature/工作温度	-40°C~+85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	12A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

Female assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins

T

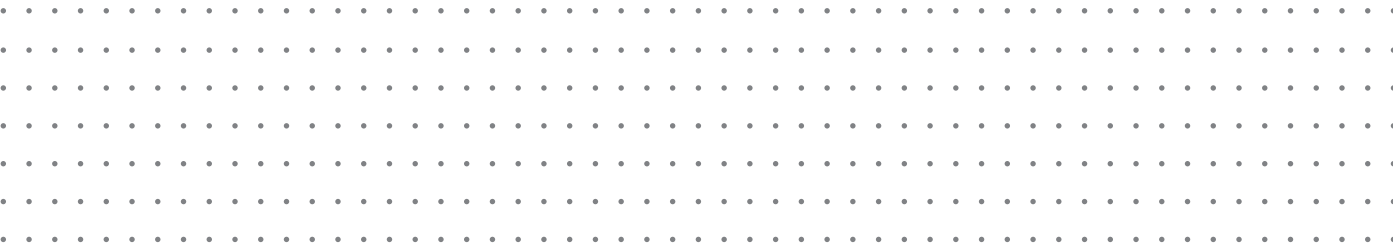


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	T	120604-02-004	—

Specifications/技术参数

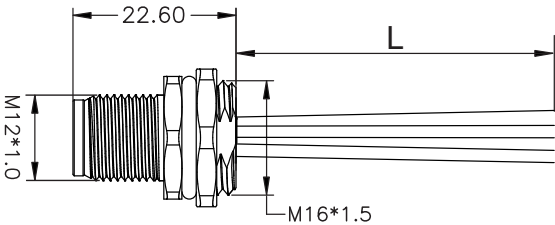
Number of contacts/芯数	4
Termination/接线方式	solder/焊线式
Wire gauge/线规	max. 1.5mm ² (max. 16 AWG)
Cable OD/线材直径	6~8mm
Operating temperature/工作温度	-40°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	12A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



Male panel connector

Product figure (rear fastened)

Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins

T

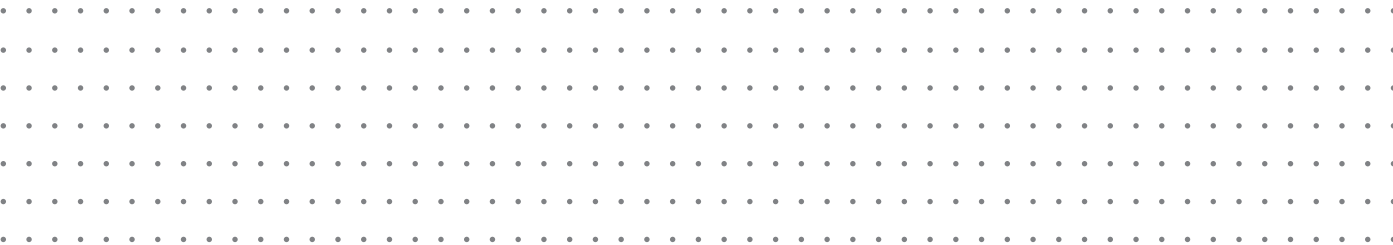


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	T	120604-03-001	PMM12BTM04001

Specifications/技术参数

Number of contacts/芯数	4
Termination/接线方式	solder/焊线式
Wire gauge/线规	max. 1.5mm ² (max. 16 AWG)
Operating temperature/工作温度	-40°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	12A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



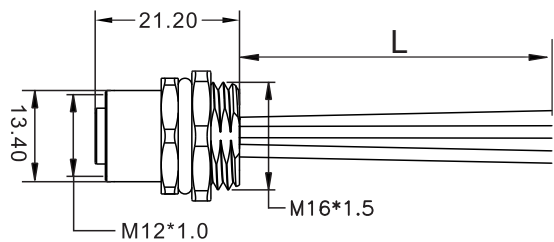
M12 Circular connectors

Female panel connector

Product figure (rear fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins

T

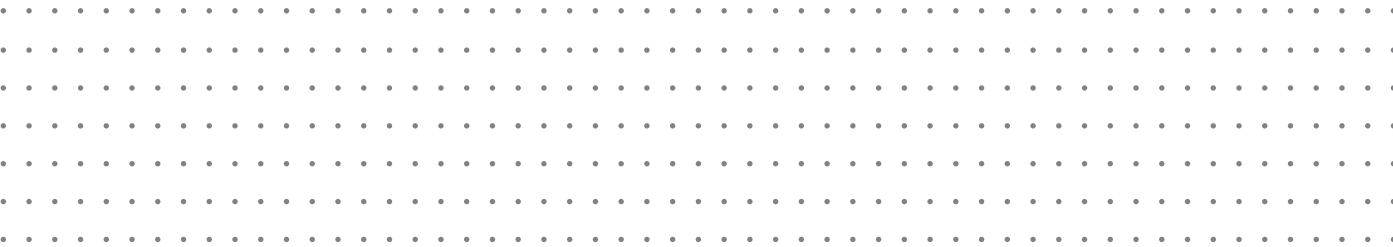


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	T	120604-04-001	PMM12BTF04001

Specifications/技术参数

Number of contacts/芯数	4
Termination/接线方式	solder/焊线式
Wire gauge/线规	max. 1.5mm ² (max. 16 AWG)
Operating temperature/工作温度	-40°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	12A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



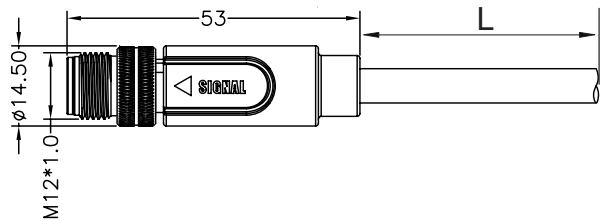
M12 Circular connectors

Male cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins

T

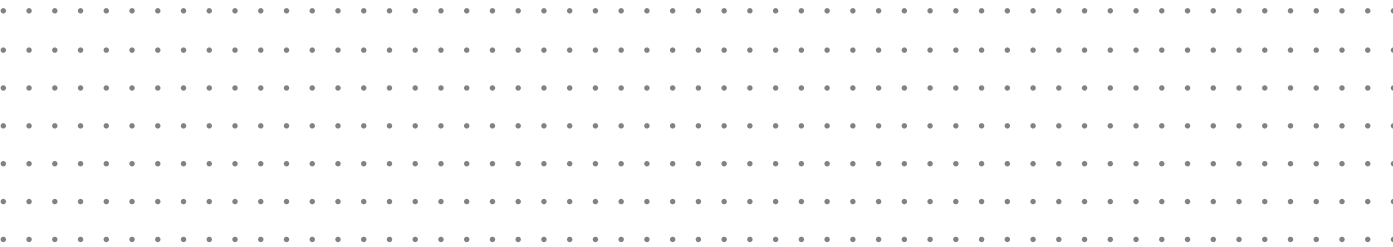


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	T	120604-05-002	CAM12STM04002

Specifications/技术参数

Number of contacts/芯数	4
Termination/接线方式	moulded on cable/成型线
Wire gauge/线规	max. 1.5mm ² (max. 16 AWG)
Operating temperature/工作温度	-40°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	12A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



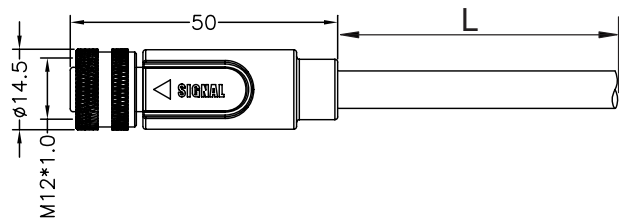
M12 Circular connectors

Female cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins

T

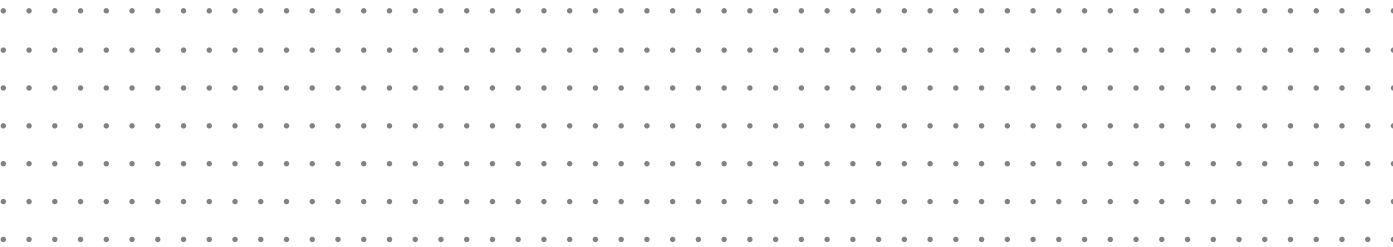


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	T	120604-06-003	CAM12STF04001

Specifications/技术参数

Number of contacts/芯数	4
Termination/接线方式	moulded on cable/成型线
Wire gauge/线规	max. 1.5mm ² (max. 16 AWG)
Operating temperature/工作温度	-40°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	12A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



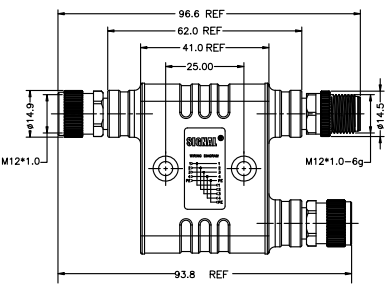
M12 Circular connectors

“H” Splitter

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins

T



4pins

T



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	T	120604-10-001	—

Specifications/技术参数

Number of contacts/芯数	4pins
Termination/接线方式	—
Wire gauge/线规	—
Operating temperature/工作温度	-40°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	12A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

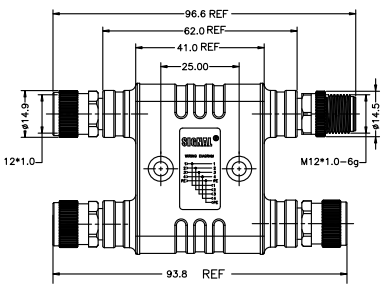
M12 Circular connectors

“H” Splitter

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins

T



4pins

T



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	T	120604-10-002	—

Specifications/技术参数

Number of contacts/芯数	4pins
Termination/接线方式	—
Wire gauge/线规	—
Operating temperature/工作温度	-40°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	12A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



This image shows a full page of dot grid paper. The background is white, and it is covered with a uniform grid of small, light gray dots. The dots are arranged in straight horizontal and vertical rows, creating a pattern suitable for writing or drawing. There are no margins, text, or other markings on the page.

M12 Automation Technology Special E-Coding

- M12 E-coding
- 5 contacts
- Max 16AWG/1.5mm² wire gauge
- -40°C-85°C temperature range
- 16A rated current
- 63V rated voltage
- IP67 degree of protection
- Cable assembly/Panel mount type
Field attachable type are available
- In accordance with DIN EN 61076-2-111



M12 自动化技术特殊连接器 E型



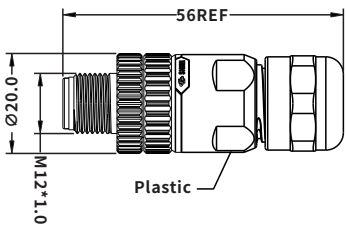
- M12 E型
- 5 芯
- 最大16AWG/1.5mm²线规
- -40°C-85°C温度范围内
- 16A额定电流
- 63V额定电压
- IP67防护等级
- 电缆组件/面板式/字段可连接类型
- 按照DIN EN 61076-2-111标准

Male assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+FE

E



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4+FE	E	121105-01-001	—

Specifications/技术参数

Number of contacts/芯数	4 + FE
Termination/接线方式	solder/焊接
Wire gauge/线规	max. 1.5mm ² (max.16 AWG)
Cable OD/线材直径	6~8mm
Operating temperature/工作温度	-40℃~+85℃
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	63V
Rated current (40℃)/额定电流	16A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

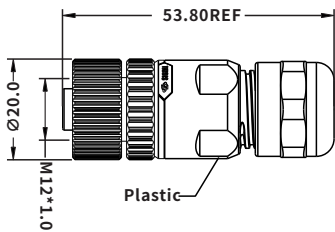


Female assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+FE

E



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4+FE	E	121105-02-001	—

Specifications/技术参数

Number of contacts/芯数	4 + FE
Termination/接线方式	solder/焊接
Wire gauge/线规	max. 1.5mm ² (max.16 AWG)
Cable OD/线材直径	6~8mm
Operating temperature/工作温度	-40°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	16A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

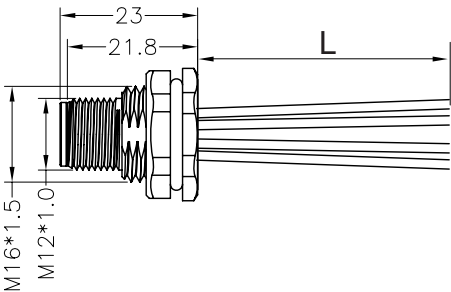


Male panel connector

Product figure (front fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+FE

E

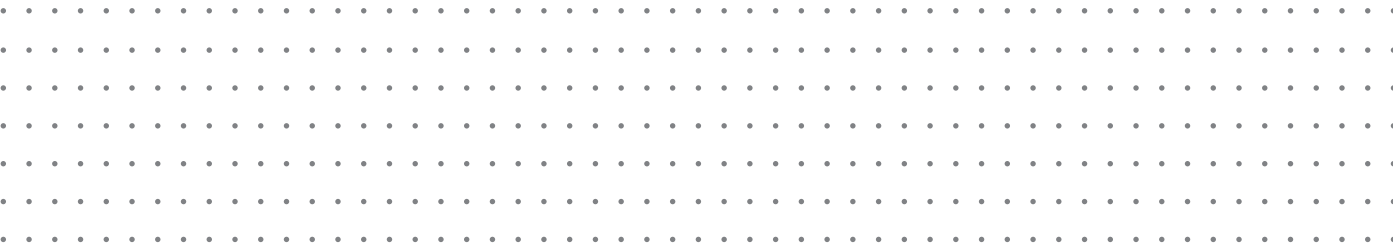


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4+FE	E	121105-03-001	—

Specifications/技术参数

Number of contacts/芯数	4+FE
Termination/接线方式	solder/焊线式
Wire gauge/线规	max. 1.5mm ² (max.16 AWG)
Operating temperature/工作温度	-40°C~+80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	16A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



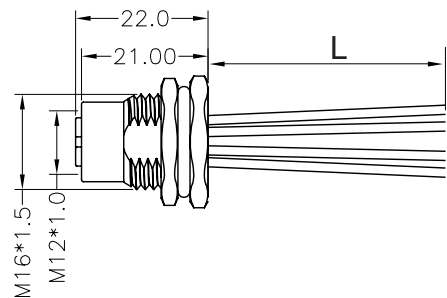
M12 Circular connectors

Female panel connector

Product figure (front fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+FE

E

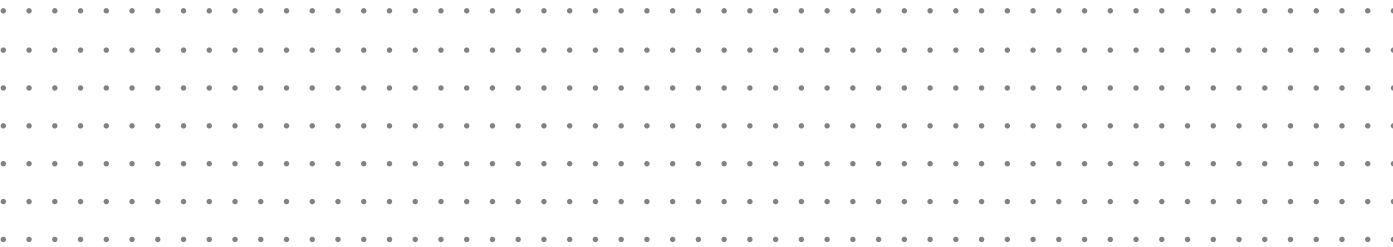


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4+FE	E	121105-04-001	—

Specifications/技术参数

Number of contacts/芯数	4+FE
Termination/接线方式	solder/焊线式
Wire gauge/线规	max. 1.5mm ² (max.16 AWG)
Operating temperature/工作温度	-40°C~+80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	16A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



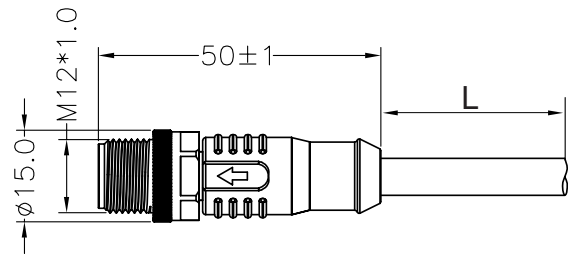
M12 Circular connectors

Male cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+FE

E

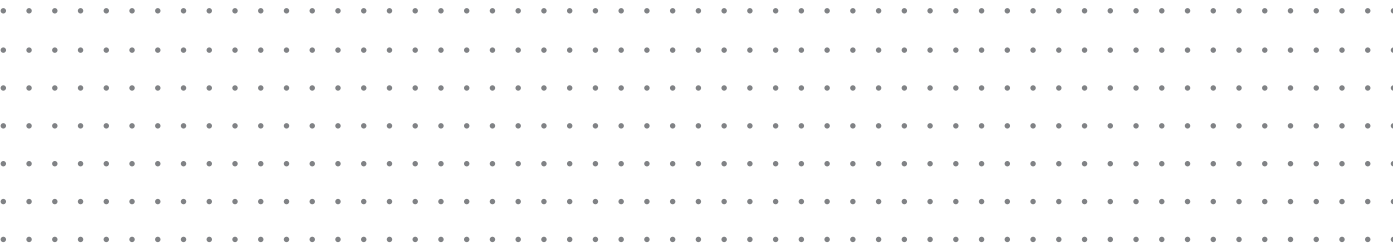


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4+FE	E	121105-05-001	—

Specifications/技术参数

Number of contacts/芯数	4+FE
Termination/接线方式	moulded on cable/成型线
Wire gauge/线规	max. 1.5mm ² (max.16 AWG)
Operating temperature/工作温度	-40°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	16A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

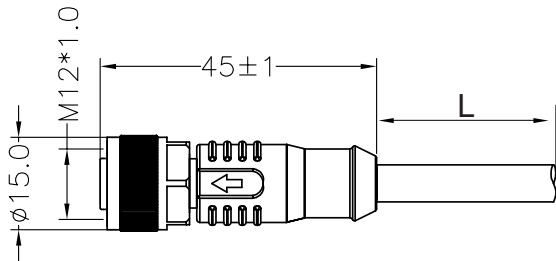


Female cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+FE

E

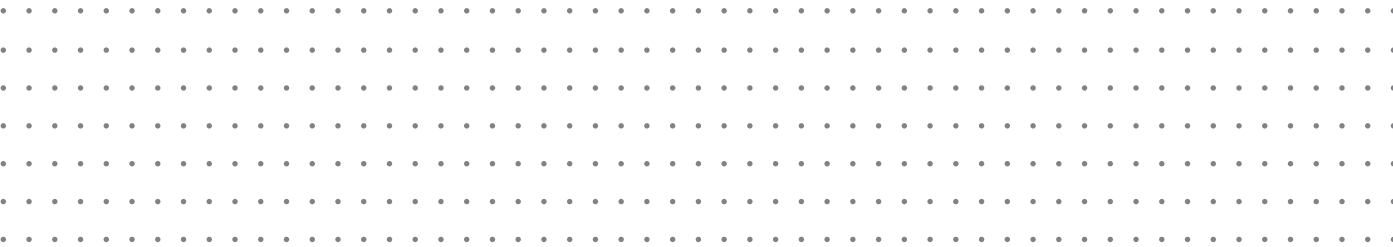


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4+FE	E	121105-06-001	—

Specifications/技术参数

Number of contacts/芯数	4+FE
Termination/接线方式	solder/焊线式
Wire gauge/线规	max. 1.5mm ² (max.16 AWG)
Operating temperature/工作温度	-40°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	16A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



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M12 Automation Technology Special F-Coding

- M12 F-coding
- 4 contacts
- Max 16AWG/1.5mm² wire gauge
- -40°C-85°C temperature range
- 16A rated current
- 63V rated voltage
- IP67 degree of protection
- Cable assembly/Panel mount type
Field attachable type are available
- In accordance with DIN EN 61076-2-111



M12 自动化技术特殊连接器 F型



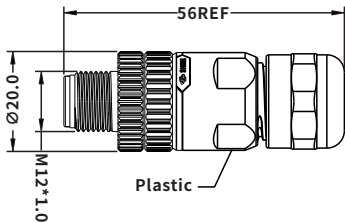
- M12 F型
- 4 芯
- 最大16AWG/1.5mm²线规
- -40°C-85°C温度范围内
- 16A额定电流
- 63V额定电压
- IP67防护等级
- 电缆组件/面板式/字段可连接类型
- 按照DIN EN 61076-2-111标准

Male assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins

F



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	F	121204-01-001	—

Specifications/技术参数

Number of contacts/芯数	4
Termination/接线方式	solder/焊接
Wire gauge/线规	max. 1.5mm ² (max.16 AWG)
Cable OD/线材直径	6~8mm
Operating temperature/工作温度	-40℃~+85℃
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	63V
Rated current (40℃)/额定电流	16A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

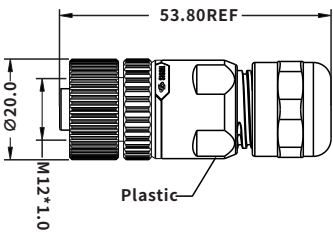
M12 Circular connectors

Female assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins

F



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	F	121204-02-001	—

Specifications/技术参数

Number of contacts/芯数	4
Termination/接线方式	solder/焊接
Wire gauge/线规	max. 1.5mm ² (max.16 AWG)
Cable OD/线材直径	6~8mm
Operating temperature/工作温度	-40°C~+85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	16A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



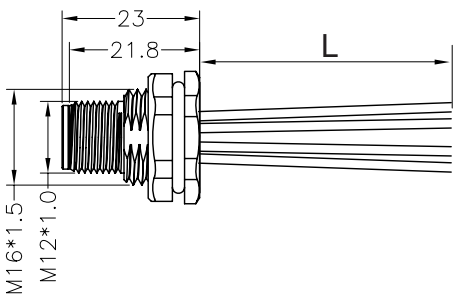
M12 Circular connectors

Male panel connector

Product figure (front fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins

F

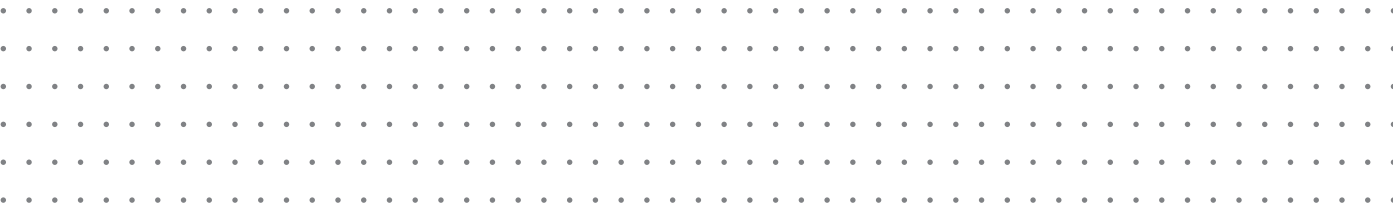


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	F	121204-03-001	—

Specifications/技术参数

Number of contacts/芯数	4
Termination/接线方式	solder/焊线式
Wire gauge/线规	max. 1.5mm ² (max.16 AWG)
Operating temperature/工作温度	-40°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	16A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



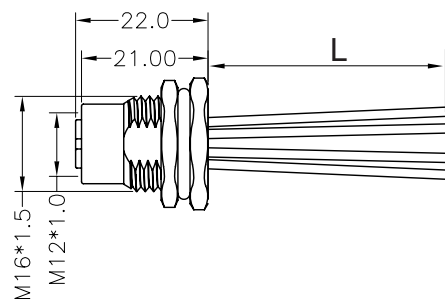
M12 Circular connectors

Female panel connector

Product figure (front fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins

F

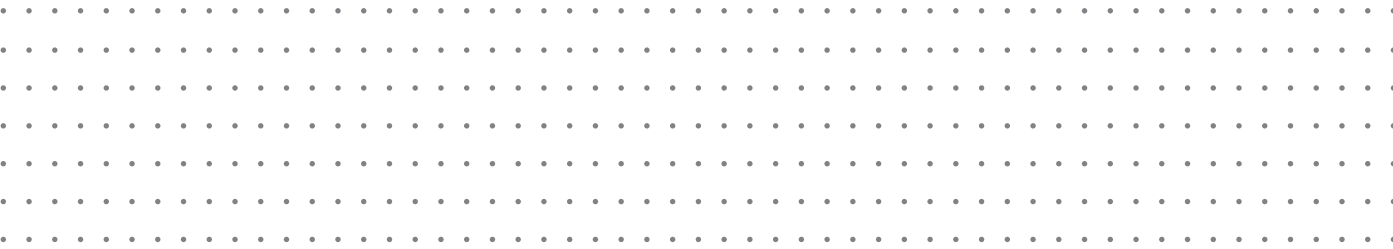


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	F	121204-04-001	—

Specifications/技术参数

Number of contacts/芯数	4
Termination/接线方式	solder/焊线式
Wire gauge/线规	max. 1.5mm ² (max.16 AWG)
Operating temperature/工作温度	-40°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	16A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

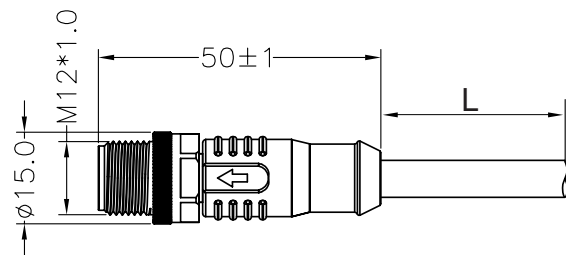


Male cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins

F

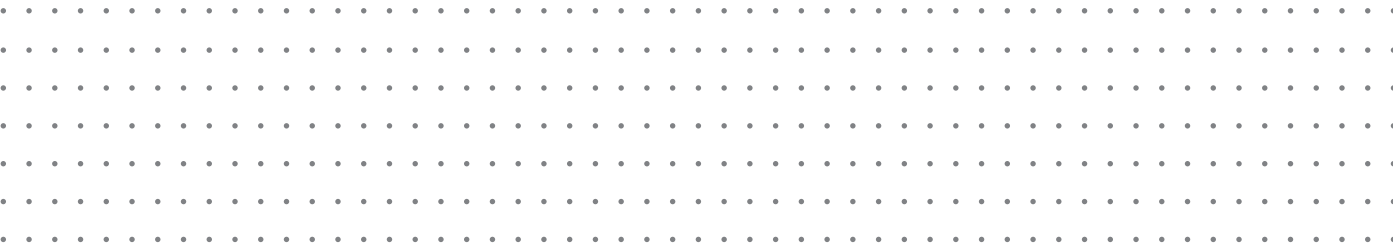


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	F	121204-05-001	—

Specifications/技术参数

Number of contacts/芯数	4
Termination/接线方式	moulded on cable/成型线
Wire gauge/线规	max. 1.5mm ² (max.16 AWG)
Operating temperature/工作温度	-40°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	16A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



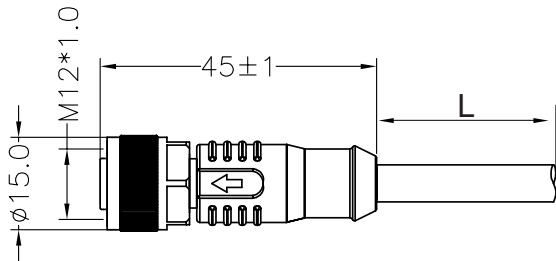
M12 Circular connectors

Female cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins

F

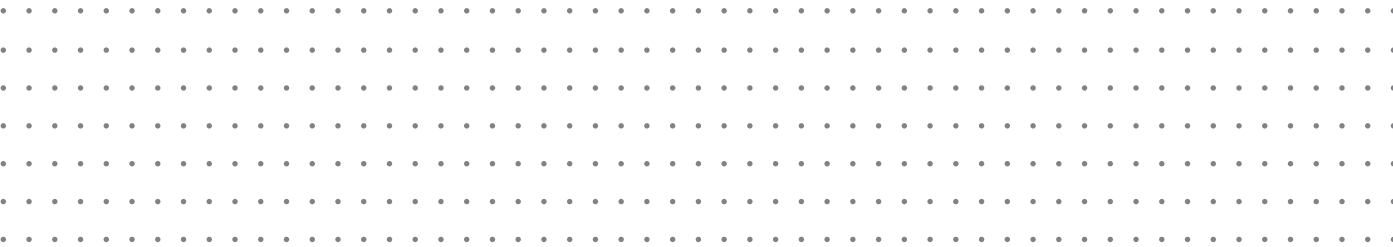


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4pins	F	121204-06-001	—

Specifications/技术参数

Number of contacts/芯数	4
Termination/接线方式	moulded on cable/成型线
Wire gauge/线规	max. 1.5mm ² (max.16 AWG)
Operating temperature/工作温度	-40°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	16A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



This image shows a full page of dot grid paper. The dots are arranged in a precise, repeating square pattern across the entire surface. There are no margins, text, or other markings present. The dots are a light gray color on a white background.

M12 Automation Technology Special K-Coding

- M12 K-coding
- 5 contacts
- Max 16AWG/1.5mm² wire gauge
- -40°C-85°C temperature range
- 12A rated current
- 630V rated voltage
- IP67 degree of protection
- Cable assembly/Panel mount type
Field attachable type are available
- In accordance with DIN EN 61076-2-111



M12 自动化技术特殊连接器 K型



- M12 K型
- 5 芯
- 最大16AWG/1.5mm²线规
- -40°C-85°C温度范围内
- 12A额定电流
- 630V额定电压
- IP67防护等级
- 电缆组件/面板式/字段可连接类型
- 按照DIN EN 61076-2-111标准

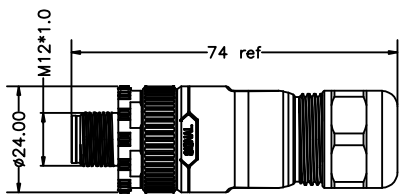
M12 Circular connectors

Male assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+PE

K



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4+PE	K	121305-01-003	—

Specifications/技术参数

Number of contacts/芯数	4+PE
Termination/接线方式	screw/锁螺丝
Wire gauge/线规	max. 1.5mm ² (max.16 AWG)
Cable OD/线材直径	8~12mm
Operating temperature/工作温度	-40℃~+85℃
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	630V
Rated current (40℃)/额定电流	12A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



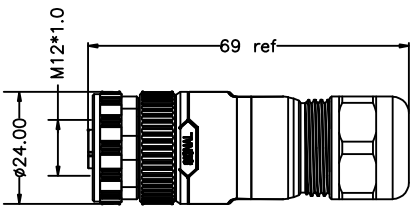
M12 Circular connectors

Female assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+PE

K



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4+PE	K	121305-02-003	—

Specifications/技术参数

Number of contacts/芯数	4+PE
Termination/接线方式	screw/锁螺丝
Wire gauge/线规	max. 1.5mm ² (max.16 AWG)
Cable OD/线材直径	8~12mm
Operating temperature/工作温度	-40°C~+85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	630V
Rated current (40°C)/额定电流	12A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



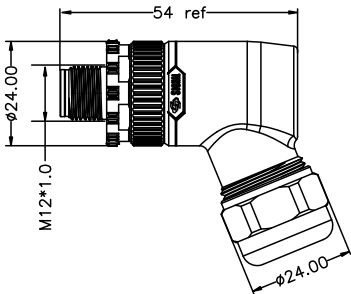
M12 Circular connectors

Male assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+PE

K



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4+PE	K	121305-01-002	—

Specifications/技术参数

Number of contacts/芯数	4+PE
Termination/接线方式	screw/锁螺丝
Wire gauge/线规	max. 1.5mm ² (max.16 AWG)
Cable OD/线材直径	8~12mm
Operating temperature/工作温度	-40°C~+85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	630V
Rated current (40°C)/额定电流	12A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



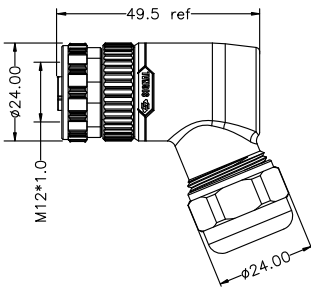
M12 Circular connectors

Female assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+PE

K



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4+PE	K	121305-02-002	—

Specifications/技术参数

Number of contacts/芯数	4+PE
Termination/接线方式	screw/锁螺丝
Wire gauge/线规	max. 1.5mm ² (max.16 AWG)
Cable OD/线材直径	8~12mm
Operating temperature/工作温度	-40°C~+85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	630V
Rated current (40°C)/额定电流	12A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



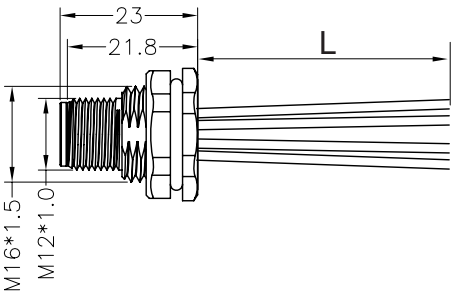
M12 Circular connectors

Male panel connector

Product figure (front fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+PE

K



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4+PE	K	121305-03-001	—

Specifications/技术参数

Number of contacts/芯数	4+PE
Termination/接线方式	solder/焊接
Wire gauge/线规	max. 1.5mm ² (max. 16 AWG)
Operating temperature/工作温度	-40°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	630V
Rated current (40°C)/额定电流	12A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



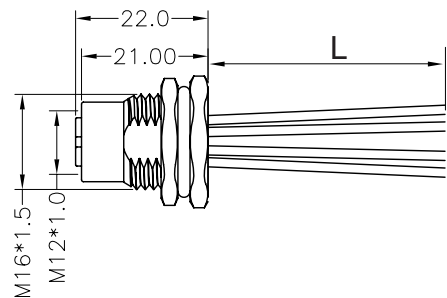
M12 Circular connectors

Female panel connector

Product figure (front fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+PE

K

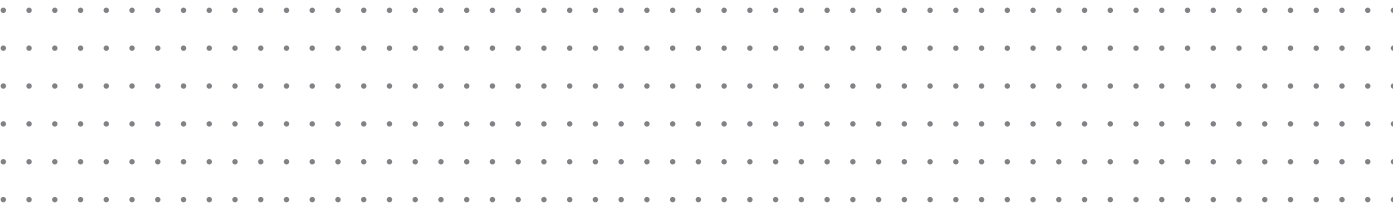


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4+PE	K	121305-04-001	—

Specifications/技术参数

Number of contacts/芯数	4+PE
Termination/接线方式	solder/焊接
Wire gauge/线规	max. 1.5mm ² (max.16 AWG)
Operating temperature/工作温度	-40°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	630V
Rated current (40°C)/额定电流	12A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



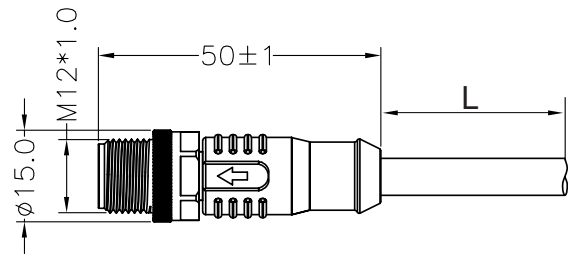
M12 Circular connectors

Male cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+PE

K

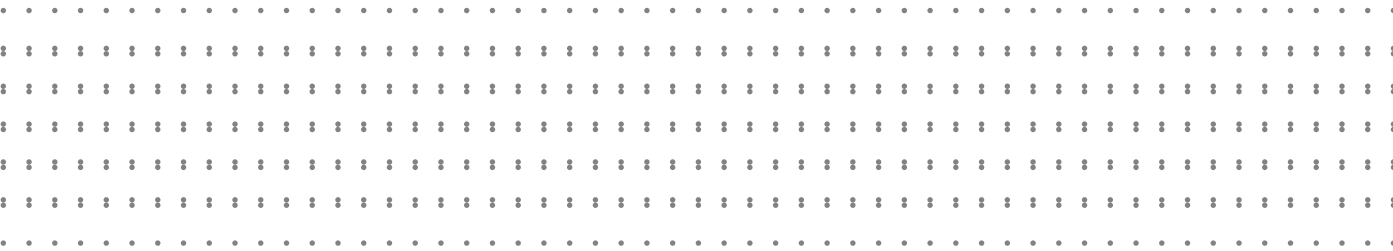


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4+PE	K	121305-05-001	—

Specifications/技术参数

Number of contacts/芯数	4+PE
Termination/接线方式	—
Wire gauge/线规	—
Operating temperature/工作温度	-40°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	630V
Rated current (40°C)/额定电流	12A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



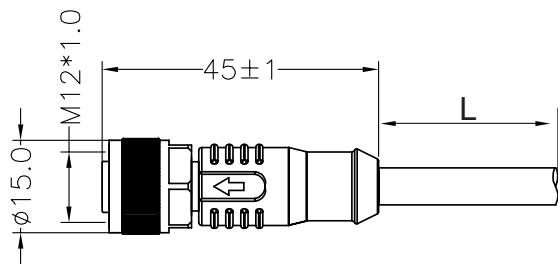
M12 Circular connectors

Female cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+PE

K



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4+PE	K	121305-06-001	—

Specifications/技术参数

Number of contacts/芯数	4+PE
Termination/接线方式	—
Wire gauge/线规	—
Operating temperature/工作温度	-40°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	630V
Rated current (40°C)/额定电流	12A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤m
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



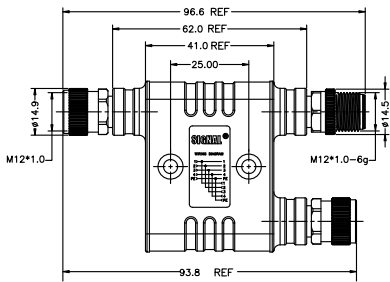
M12 Circular connectors

“H” Splitter

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+PE

K



4+PE

K

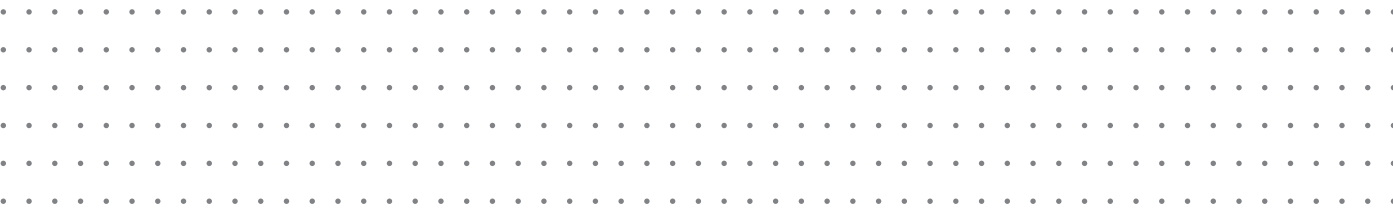


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4+PE	K	121305-10-001	—

Specifications/技术参数

Number of contacts/芯数	4+PE
Termination/接线方式	—
Wire gauge/线规	—
Operating temperature/工作温度	-40°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	630V
Rated current (40°C)/额定电流	12A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



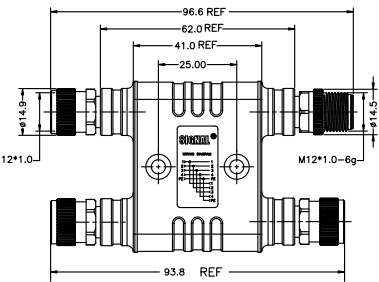
M12 Circular connectors

“H” Splitter

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4+PE	K	121305-10-002	—

Specifications/技术参数

Number of contacts/芯数	4+PE
Termination/接线方式	—
Wire gauge/线规	—
Operating temperature/工作温度	-40°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	630V
Rated current (40°C)/额定电流	12A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

This image shows a full page of dot grid paper. The background is white, and it is covered with a regular pattern of small, light gray dots. The dots are arranged in straight horizontal and vertical lines, creating a grid-like appearance. There are no margins, text, or other markings on the page.

M12 Automation Technology Special L-Coding

- M12 L-coding
- 5 contacts
- Max 16AWG/1.5mm² wire gauge
- -40°C-85°C temperature range
- 16A rated current
- 63V rated voltage
- IP67 degree of protection
- Cable assembly/Panel mount type
Field attachable type are available
- In accordance with DIN EN 61076-2-111



M12 自动化技术特殊连接器 L型



- M12 L型
- 5 芯
- 最大16AWG/1.5mm²线规
- -40°C-85°C温度范围内
- 16A额定电流
- 63V额定电压
- IP67防护等级
- 电缆组件/面板式/字段可连接类型
- 按照DIN EN 61076-2-111标准

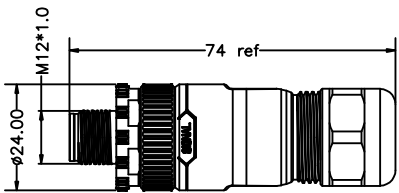
M12 Circular connectors

Male assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+FE

L



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4+FE	L	121005-01-005	—

Specifications/技术参数

Number of contacts/芯数	4+FE
Termination/接线方式	screw clamp/锁螺丝
Wire gauge/线规	max. 1.5mm ² (max.16 AWG)
Cable OD/线材直径	8~12mm
Operating temperature/工作温度	-40°C~+85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	16A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

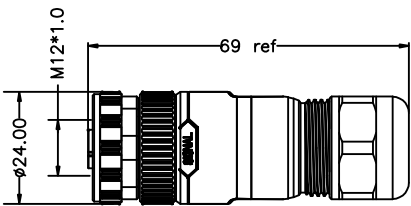
M12 Circular connectors

Female assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+FE

L



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4+FE	L	121005-02-012	—

Specifications/技术参数

Number of contacts/芯数	4+FE
Termination/接线方式	screw clamp/锁螺丝
Wire gauge/线规	max. 1.5mm ² (max.16 AWG)
Cable OD/线材直径	8~12mm
Operating temperature/工作温度	-40°C~+85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	16A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

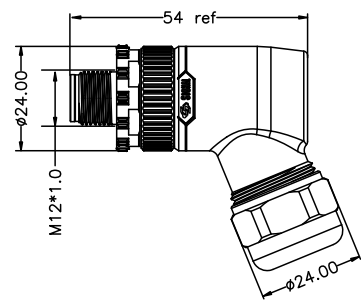
M12 Circular connectors

Male assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+FE

L



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4+FE	L	121005-01-007	—

Specifications/技术参数

Number of contacts/芯数	4+FE
Termination/接线方式	screw clamp/锁螺丝
Wire gauge/线规	max. 1.5mm ² (max.16 AWG)
Cable OD/线材直径	8~12mm
Operating temperature/工作温度	-40°C~+85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	16A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

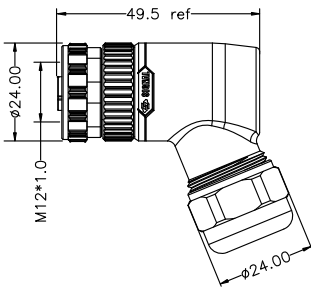
M12 Circular connectors

Female assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+FE

L



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4+FE	L	121005-02-003	—

Specifications/技术参数

Number of contacts/芯数	4+FE
Termination/接线方式	screw clamp/锁螺丝
Wire gauge/线规	max. 1.5mm ² (max.16 AWG)
Cable OD/线材直径	8~12mm
Operating temperature/工作温度	-40°C~+85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	16A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

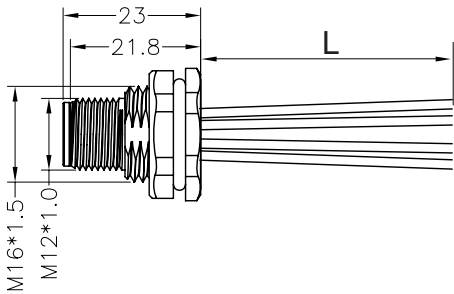
M12 Circular connectors

Male panel connector

Product figure (front fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+FE

L

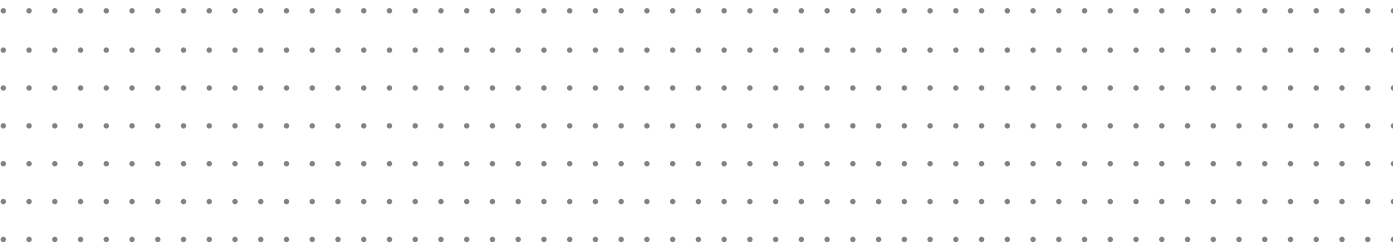


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4+FE	L	121005-03-005	PMM12FLM05001

Specifications/技术参数

Number of contacts/芯数	4+FE
Termination/接线方式	solder/焊线式
Wire gauge/线规	max. 1.5mm ² (max.16 AWG)
Operating temperature/工作温度	-40°C~+80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	16A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

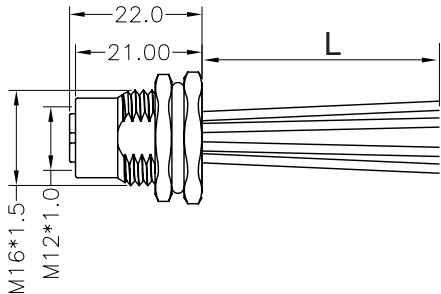


Female panel connector

Product figure (front fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+FE

L

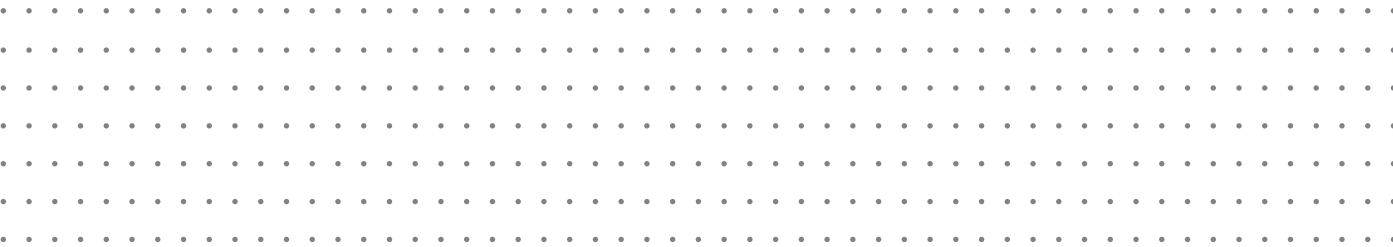


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4+FE	L	121005-04-001	PMM12FLF05001

Specifications/技术参数

Number of contacts/芯数	4+FE
Termination/接线方式	solder/焊线式
Wire gauge/线规	max. 1.5mm ² (max.16 AWG)
Operating temperature/工作温度	-40°C~+80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	16A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



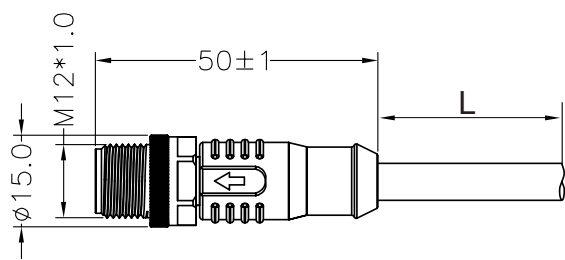
M12 Circular connectors

Male cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+FE

L

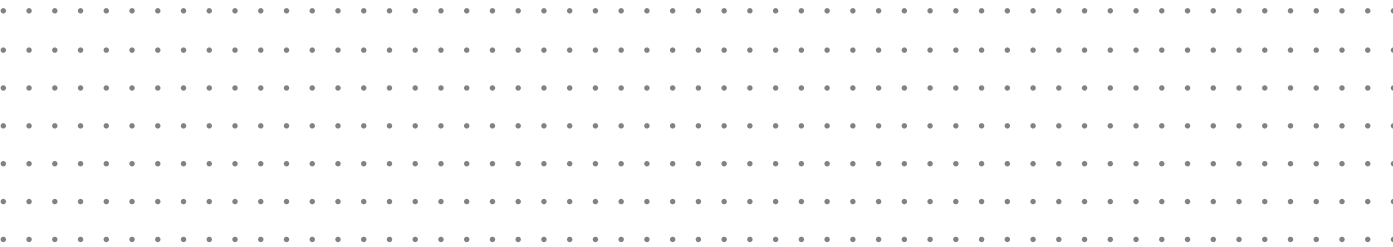


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4+FE	L	121005-05-001	CAM12SLM05001

Specifications/技术参数

Number of contacts/芯数	4+FE
Termination/接线方式	moulded on cable/成型线
Wire gauge/线规	max. 1.5mm ² (max.16 AWG)
Operating temperature/工作温度	-40°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	16A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

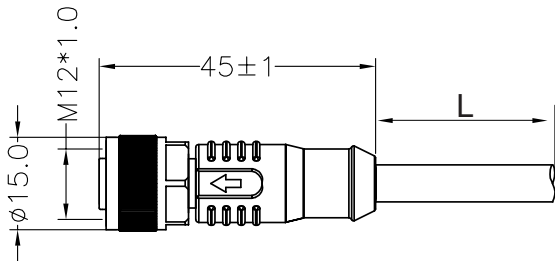


Female cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+FE

L

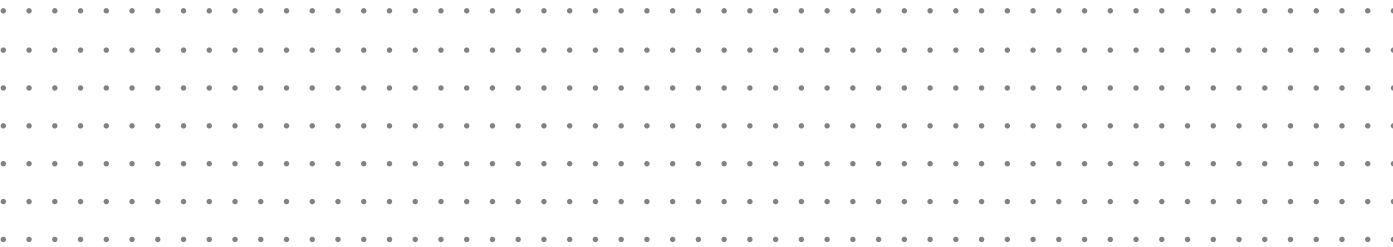


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4+FE	L	121005-06-001	CAM12SLF05001

Specifications/技术参数

Number of contacts/芯数	4+FE
Termination/接线方式	moulded on cable/成型线
Wire gauge/线规	max. 1.5mm ² (max.16 AWG)
Operating temperature/工作温度	-40°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	16A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



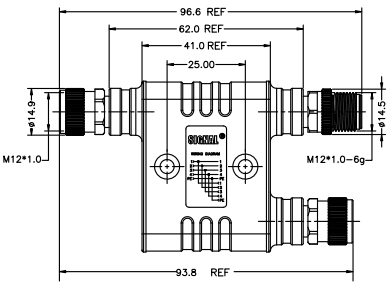
M12 Circular connectors

“H” Splitter

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+FE

L



4+FE

L

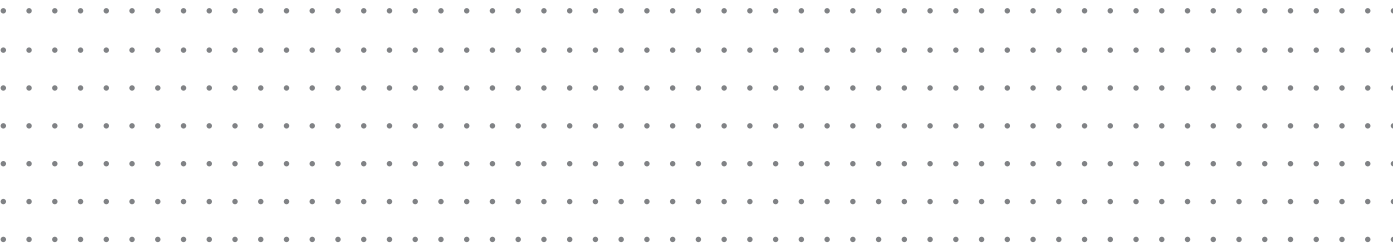


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4+FE	L	121005-10-001	—

Specifications/技术参数

Number of contacts/芯数	4+FE
Termination/接线方式	—
Wire gauge/线规	—
Operating temperature/工作温度	-40°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	16A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



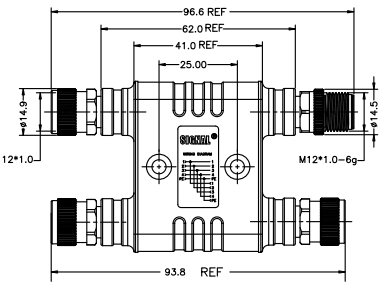
M12 Circular connectors

“H” Splitter

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+FE

L



4+FE

L

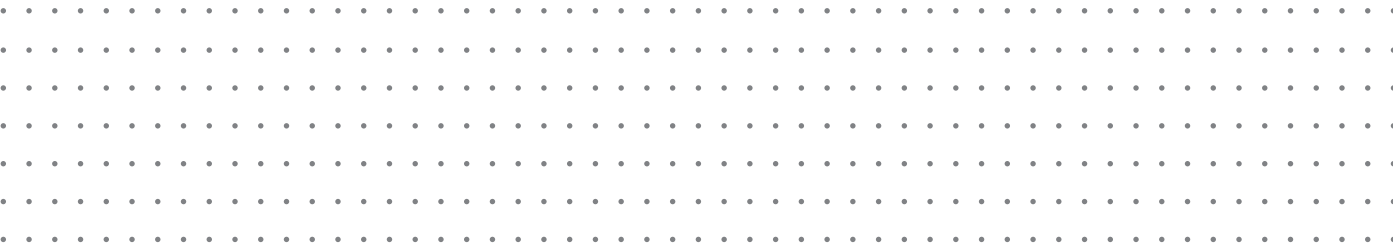


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4+FE	L	121005-10-002	—

Specifications/技术参数

Number of contacts/芯数	4+FE
Termination/接线方式	—
Wire gauge/线规	—
Operating temperature/工作温度	-40°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	16A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



This image shows a full page of dot grid paper. The background is white, and it is covered with a uniform grid of small, light gray dots. The dots are arranged in straight horizontal and vertical rows, creating a pattern suitable for writing or drawing. There are no margins, text, or other markings on the page.

M12 Automation Technology Special M-Coding

- M12 M-coding
- 6 contacts
- Max 16AWG/1.5mm² wire gauge
- -40°C-85°C temperature range
- 8A rated current
- 630V rated voltage
- IP67 degree of protection
- Cable assembly/Panel mount type
Field attachable type are available
- In accordance with DIN EN 61076-2-111



M12 自动化技术特殊连接器M型



- M12 M型
- 6 芯
- 最大16AWG/1.5mm²线规
- -40°C-85°C温度范围内
- 8A额定电流
- 630V额定电压
- IP67防护等级
- 电缆组件/面板式/字段可连接类型
- 按照DIN EN 61076-2-111标准

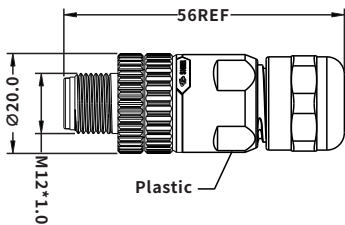
M12 Circular connectors

Male assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

5+PE

M



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
5+PE	M	121406-01-001	—

Specifications/技术参数

Number of contacts/芯数	5 + PE
Termination/接线方式	solder/焊接
Wire gauge/线规	max. 1.5mm ² (max. 16 AWG)
Cable OD/线材直径	6~8mm
Operating temperature/工作温度	-40°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	630V
Rated current (40°C)/额定电流	8A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



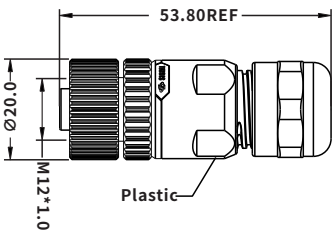
M12 Circular connectors

Female assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

5+PE

M



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
5+PE	M	121406-02-001	—

Specifications/技术参数

Number of contacts/芯数	5 + PE
Termination/接线方式	solder/焊接
Wire gauge/线规	max. 1.5mm ² (max.16 AWG)
Cable OD/线材直径	6~8mm
Operating temperature/工作温度	-40°C~+85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	630V
Rated current (40°C)/额定电流	8A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



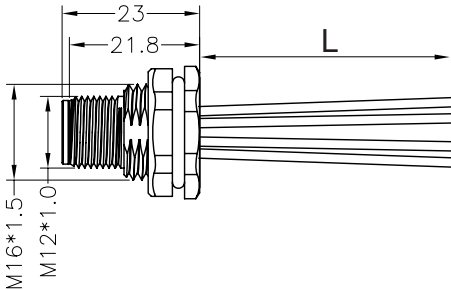
M12 Circular connectors

Male panel connector

Product figure (front fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

5+PE

M

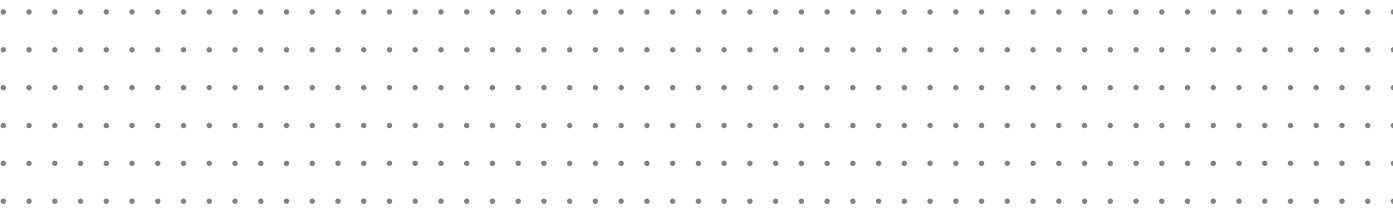


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
5+PE	M	121406-03-001	—

Specifications/技术参数

Number of contacts/芯数	5 + PE
Termination/接线方式	solder/焊接
Wire gauge/线规	max. 1.5mm ² (max. 16 AWG)
Operating temperature/工作温度	-40°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	630V
Rated current (40°C)/额定电流	8A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



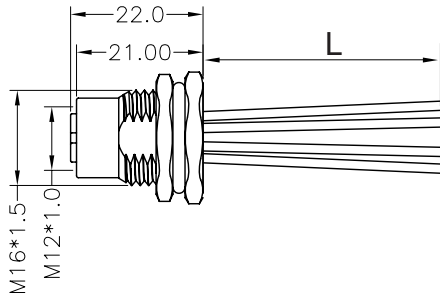
M12 Circular connectors

Female panel connector

Product figure (front fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

5+PE

M

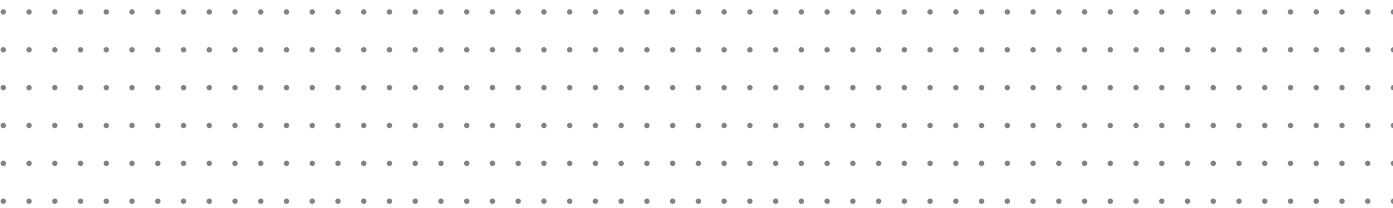


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
5+PE	M	121406-04-001	—

Specifications/技术参数

Number of contacts/芯数	5 + PE
Termination/接线方式	solder/焊接
Wire gauge/线规	max. 1.5mm ² (max. 16 AWG)
Operating temperature/工作温度	-40°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	630V
Rated current (40°C)/额定电流	8A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

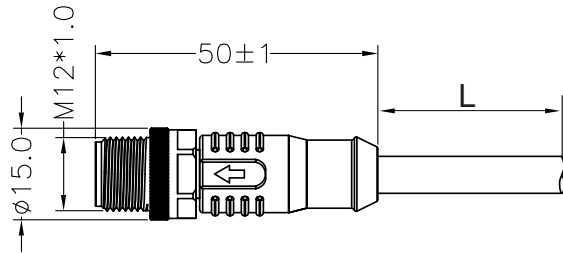


Male cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

5+PE

M

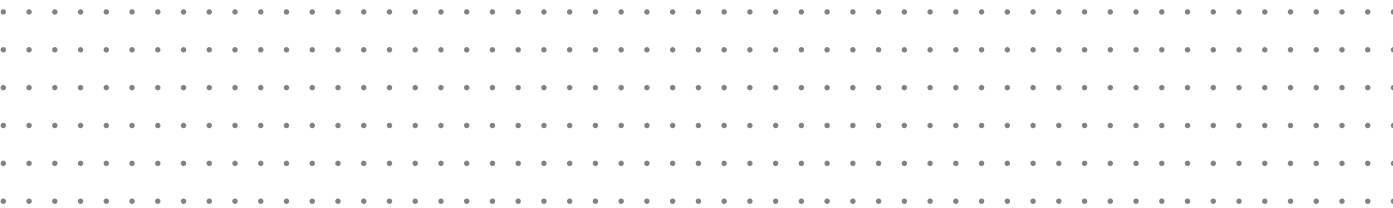


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
5+PE	M	121406-05-001	—

Specifications/技术参数

Number of contacts/芯数	5 + PE
Termination/接线方式	moulded on cable/成型线
Wire gauge/线规	max. 1.5mm ² (max.16 AWG)
Operating temperature/工作温度	-40°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	630V
Rated current (40°C)/额定电流	8A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



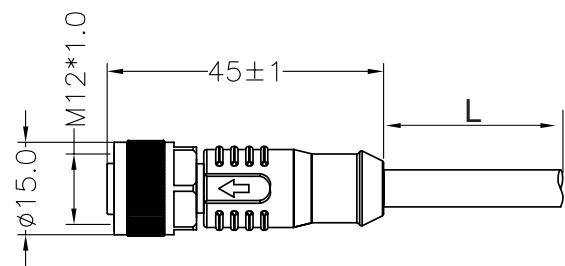
M12 Circular connectors

Female cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

5+PE

M

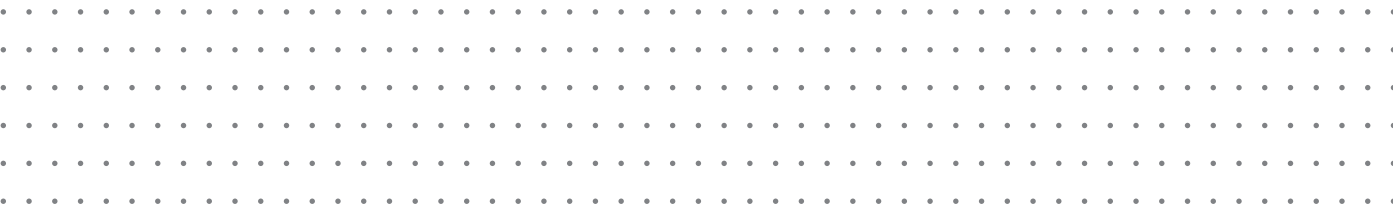


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
5+PE	M	121406-06-001	—

Specifications/技术参数

Number of contacts/芯数	5 + PE
Termination/接线方式	moulded on cable/成型线
Wire gauge/线规	max. 1.5mm ² (max.16 AWG)
Operating temperature/工作温度	-40°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	630V
Rated current (40°C)/额定电流	8A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤3mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



M12 Automation Technology Special Y-Coding

- M12 Y-coding
- 4power+4signal contacts
- 4P (0.5mm²/20AWG)
+4S (0.25mm²/24AWG) wire gauge
- -25°C-85°C temperature range
- 6A/0.5 rated current
- 50V rated voltage
- IP67 degree of protection



M12 自动化技术特殊连接器Y型



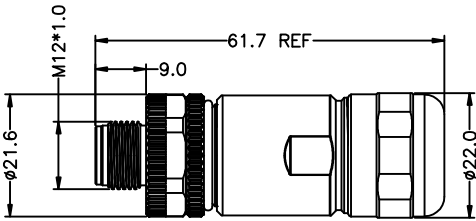
- M12 Y型
- 4电源+4信号
- 4 (0.5mm²/20AWG)
+4 (0.25mm²/24AWG) 线规
- -25°C-85°C温度范围内
- 6A/0.5额定电流
- 50V额定电压
- IP67防护等级

Male assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4power+4signal

Y



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4power+4signal	Y	120808-01-001	—

Specifications/技术参数

Number of contacts/芯数	4power+4signal
Termination/接线方式	crimp/压接
Wire gauge/线规	4P (0.5mm²/20AWG)+4S (0.25mm²/24AWG)
Cable OD/线材直径	6~8mm
Operating temperature/工作温度	-25℃~+85℃
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	50V
Rated current (40℃)/额定电流	6A/0.5A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

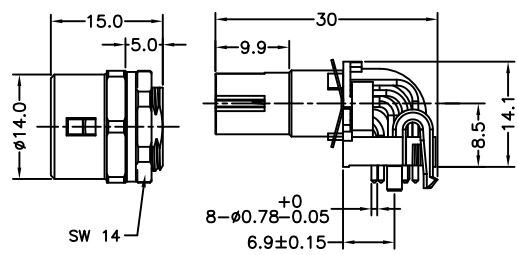
M12 Circular connectors

Female panel connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

8pins

Y



Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
8pins	Y	120808-04-005	—

Specifications/技术参数

Number of contacts/芯数	8
Termination/接线方式	PCB/插板式
Wire gauge/线规	—
Operating temperature/工作温度	-25°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	50V
Rated current (40°C)/额定电流	6A/0.5A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

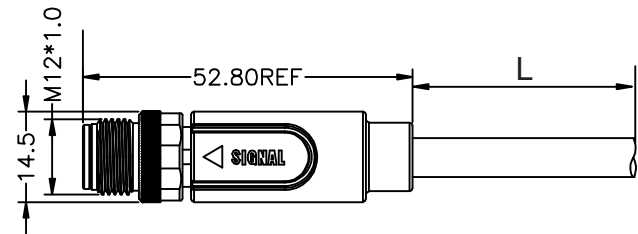
M12 Circular connectors

Male cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4power+4signal

Y

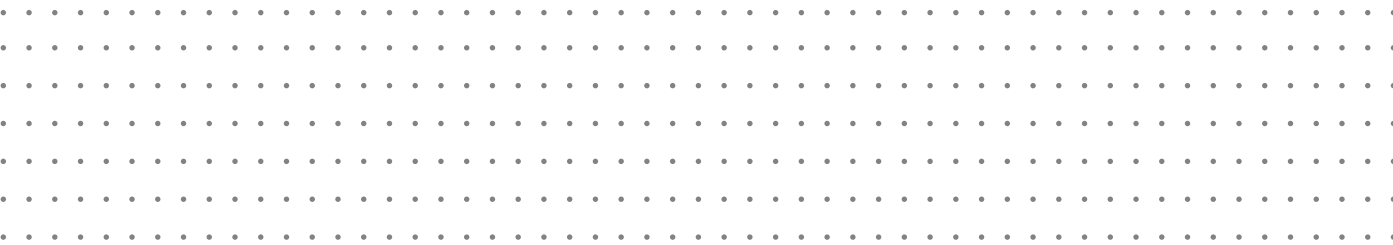


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4power+4signal	Y	120808-05-001	—

Specifications/技术参数

Number of contacts/芯数	4power+4signal
Termination/接线方式	moulded on cable/成型线
Wire gauge/线规	4P (0.5mm ² /20AWG)+4S (0.25mm ² /24AWG)
Operating temperature/工作温度	-25°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	50V
Rated current (40°C)/额定电流	6A/0.5A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

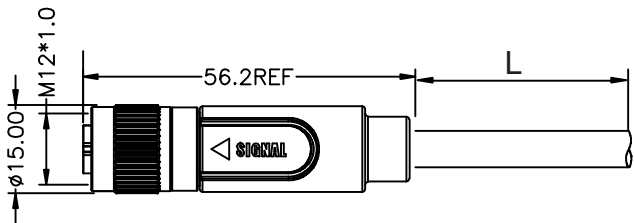


Female cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4power+4signal

Y

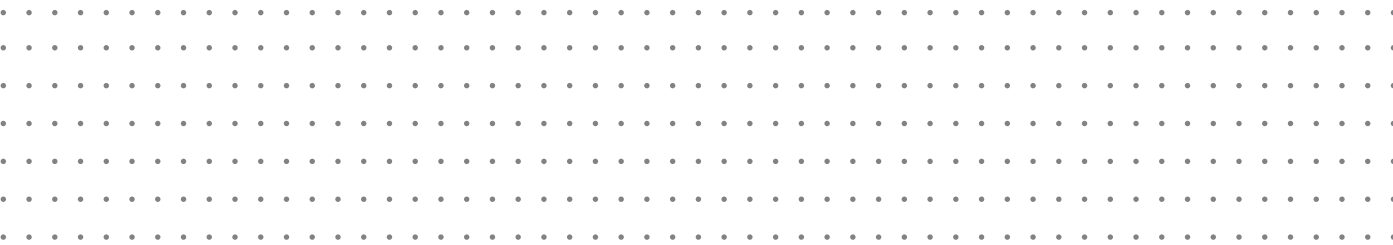


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4power+4signal	Y	120808-06-001	—

Specifications/技术参数

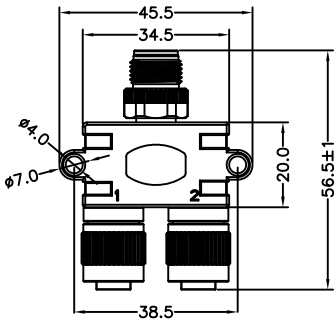
Number of contacts/芯数	4power+4signal
Termination/接线方式	moulded on cable/成型线
Wire gauge/线规	4P (0.5mm ² /20AWG)+4S (0.25mm ² /24AWG)
Operating temperature/工作温度	-25°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	50V
Rated current (40°C)/额定电流	6A/0.5A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



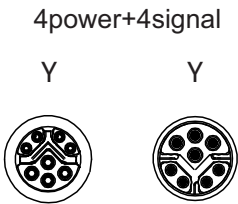
Y-Spiltter

Product figure(Male to Dual Female)

Scale diagram



Contact layout/针孔排布 (Front view/前视图)

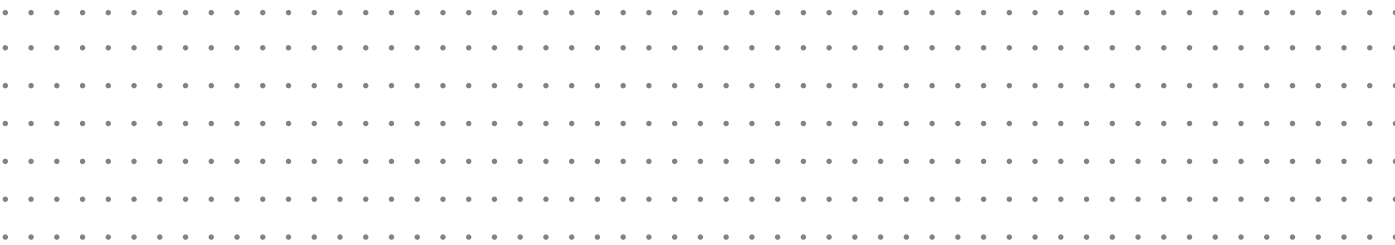


Order Data/订货信息

Contacts/芯数	Coding	Order No/订货号	P/N/料号
4power+4signal	Y	120808-10-001	—

Specifications/技术参数

Number of contacts/芯数	4power+4signal
Termination/接线方式	—
Wire gauge/线规	—
Operating temperature/工作温度	-25°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	50V
Rated current (40°C)/额定电流	6A/0.5A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



M12 4(signal)+4(power)

M12 Automation Technology Special connector

M12 4(signal)+4(power)

8 contacts

-25°C-85°C temperature range

1.5A+6A rated current

30V+50V rated voltage

IP67 degree of protection



M12 自动化技术特殊连接器



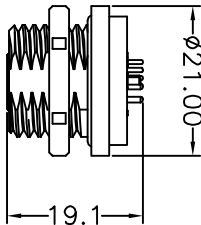
- M12 4(信号)+4(电源)
- 8 芯
- -25°C-85°C温度范围内
- 1.5A+6A额定电流
- 30V+50V额定电压
- IP67防护等级

Female panel connector

Product figure (front fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+4

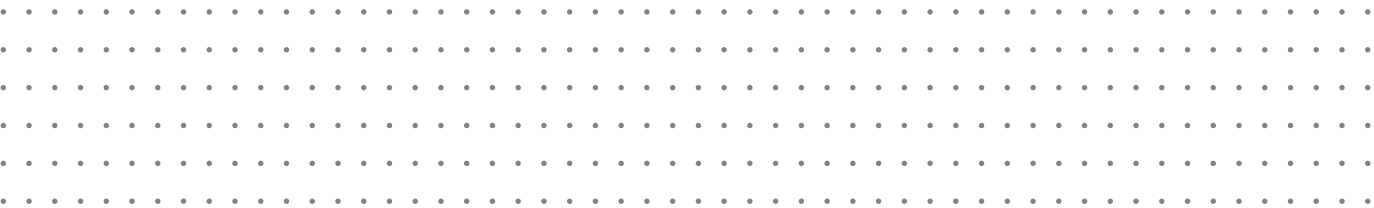


Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
4+4	120044-04-001	—

Specifications/技术参数

Number of contacts/芯数	4(signal)+4(power)
Termination/接线方式	PCB
Operating temperature/工作温度	-25°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	30V+50V
Rated current (40°C)/额定电流	1.5A+6A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



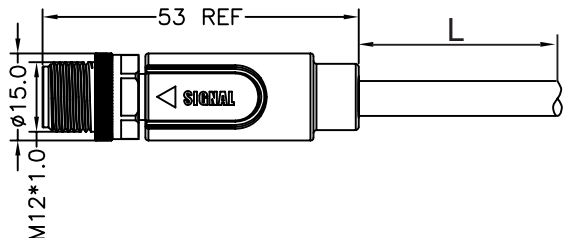
M12 Circular connectors

Male cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+4

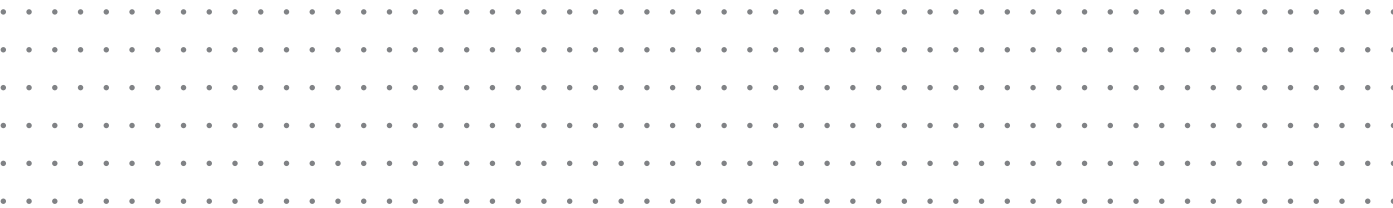


Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
4+4	120044-05-001	—

Specifications/技术参数

Number of contacts/芯数	4(signal)+4(power)
Termination/接线方式	moulded on cable/成型线
Wire gauge/线规	0.5mm ² *4C+0.14mm ² *2P+AEB(20AWG*4C+26AWG*2P+AEB)
Operating temperature/工作温度	-25°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	30V+50V
Rated current (40°C)/额定电流	1.5A+6A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

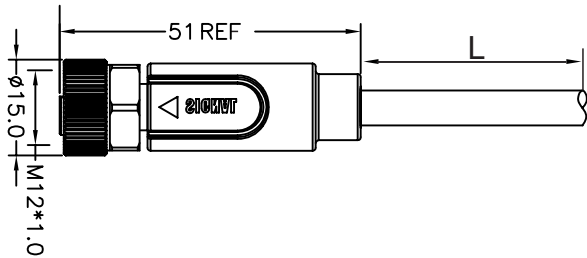


Female cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+4

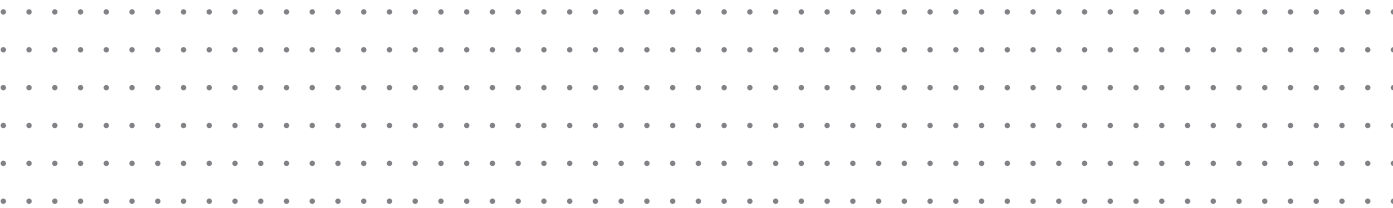


Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
4+4	120044-06-001	—

Specifications/技术参数

Number of contacts/芯数	4(signal)+4(power)
Termination/接线方式	moulded on cable/成型线
Wire gauge/线规	0.5mm ² *4C+0.14mm ² *2P+AEB(20AWG*4C+26AWG*2P+AEB)
Operating temperature/工作温度	-25°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	30V+50V
Rated current (40°C)/额定电流	1.5A+6A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

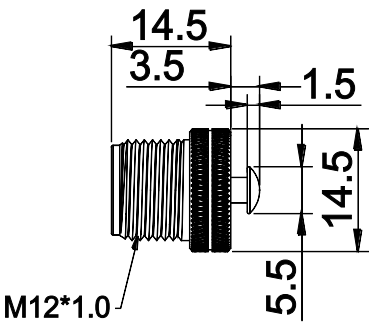


Protection cap for female connector

Product figure



Scale diagram



Order Data/订货信息

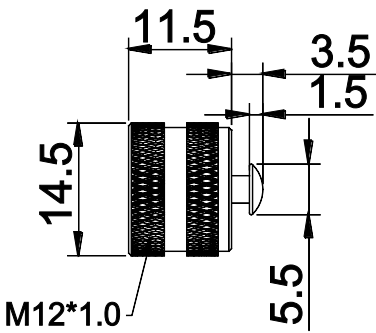
Order No/订货号	P/N/料号
120000-02-001	CAP01

Protection cap for Male connector

Product figure



Scale diagram



Order Data/订货信息

Order No/订货号	P/N/料号
120000-01-001	CAP02

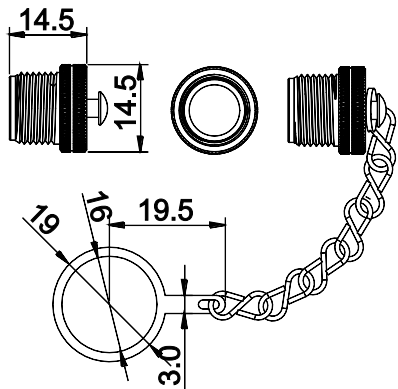
M12 Circular connectors

Protection cap for female connector

Product figure



Scale diagram



Order Data/订货信息

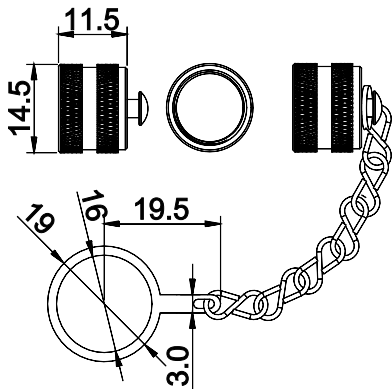
Order No/订货号	P/N/料号
120000-02-002	CAP03

Protection cap for Male connector

Product figure



Scale diagram



Order Data/订货信息

Order No/订货号	P/N/料号
120000-01-002	CAP04

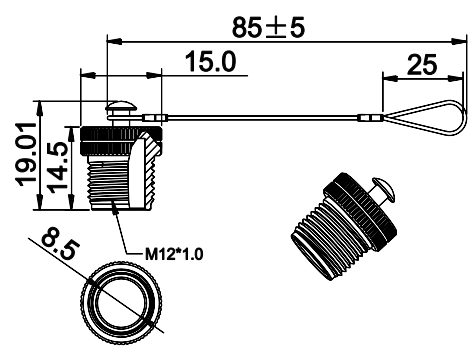
M12 Circular connectors

Protection cap for female connector

Product figure



Scale diagram



Order Data/订货信息

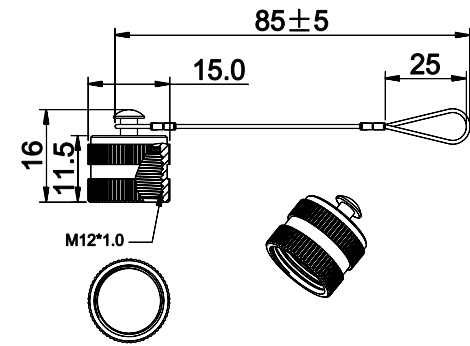
Order No/订货号	P/N/料号
120000-02-003	CAP05

Protection cap for Male connector

Product figure



Scale diagram



Order Data/订货信息

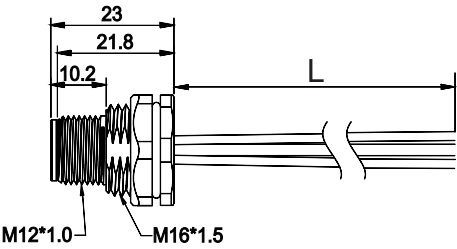
Order No/订货号	P/N/料号
120000-01-003	CAP06

Male panel connector

Product figure (front fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

A



4pins

A

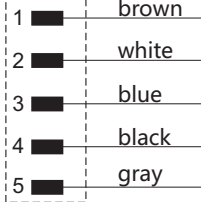
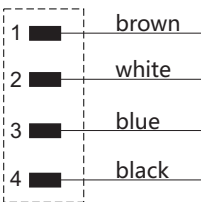
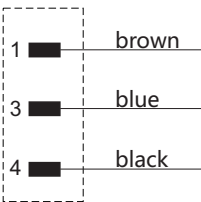


5pins

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC	TPE
0.1M	3pins	0.34mm ²	120103-03-911	120103-03-921
	4pins	0.34mm ²	120104-03-911	120104-03-921
	5pins	0.34mm ²	120105-03-911	120105-03-921
0.2M	3pins	0.34mm ²	120103-03-912	120103-03-922
	4pins	0.34mm ²	120104-03-912	120104-03-922
	5pins	0.34mm ²	120105-03-912	120105-03-922
0.5M	3pins	0.34mm ²	120103-03-913	120103-03-923
	4pins	0.34mm ²	120104-03-913	120104-03-923
	5pins	0.34mm ²	120105-03-913	120105-03-923
1.0M	3pins	0.34mm ²	120103-03-914	120103-03-924
	4pins	0.34mm ²	120104-03-914	120104-03-924
	5pins	0.34mm ²	120105-03-914	120105-03-924

Specifications/技术参数

Number of contacts/芯数	3	4	5
Rated voltage/额定电压	250V		60V
Rated current (40°C)/额定电流	4A		
Protection degree/防护等级	IP67/IP68		
Operating temperature/工作温度	-25°C ~ +80°C		

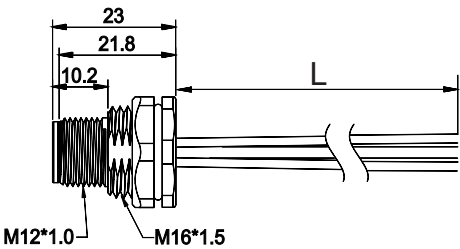
M12 Circular connectors

Male panel connector

Product figure (front fastened)



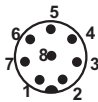
Scale diagram



Contact layout/针孔排布 (Front view/前视图)

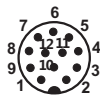
8pins

A



12pins

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC	TPE
0.1M	8pins	0.25mm ²	120108-03-911	120108-03-921
	12pins	0.25mm ²	120112-03-911	120112-03-921
0.2M	8pins	0.25mm ²	120108-03-912	120108-03-922
	12pins	0.25mm ²	120112-03-912	120112-03-922
0.5M	8pins	0.25mm ²	120108-03-913	120108-03-923
	12pins	0.25mm ²	120112-03-913	120112-03-923
1.0M	8pins	0.25mm ²	120108-03-914	120108-03-924
	12pins	0.25mm ²	120112-03-914	120112-03-924

Specifications/技术参数

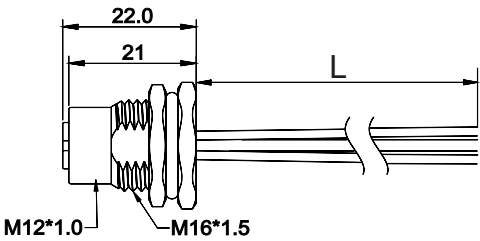
Number of contacts/芯数	8	12
Rated voltage/额定电压	30V	
Rated current (40°C)/额定电流	2A	1.5A
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	

Female panel connector

Product figure (front fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

A



4pins

A

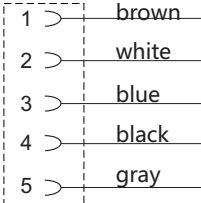
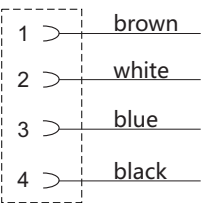
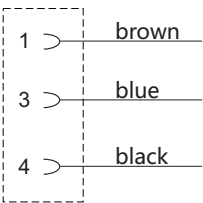


5pins

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC	TPE
0.1M	3pins	0.34mm ²	120103-04-911	120103-04-921
	4pins	0.34mm ²	120104-04-911	120104-04-921
	5pins	0.34mm ²	120105-04-911	120105-04-921
0.2M	3pins	0.34mm ²	120103-04-912	120103-04-922
	4pins	0.34mm ²	120104-04-912	120104-04-922
	5pins	0.34mm ²	120105-04-912	120105-04-922
0.5M	3pins	0.34mm ²	120103-04-913	120103-04-923
	4pins	0.34mm ²	120104-04-913	120104-04-923
	5pins	0.34mm ²	120105-04-913	120105-04-923
1.0M	3pins	0.34mm ²	120103-04-914	120103-04-924
	4pins	0.34mm ²	120104-04-914	120104-04-924
	5pins	0.34mm ²	120105-04-914	120105-04-924

Specifications/技术参数

Number of contacts/芯数	3	4	5
Rated voltage/额定电压	250V		60V
Rated current (40°C)/额定电流	4A		
Protection degree/防护等级	IP67/IP68		
Operating temperature/工作温度	-25°C ~ +80°C		

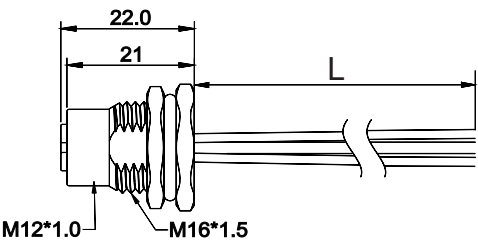
M12 Circular connectors

Female panel connector

Product figure (front fastened)



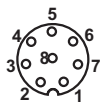
Scale diagram



Contact layout/针孔排布 (Front view/前视图)

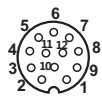
8pins

A



12pins

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC	TPE
0.1M	8pins	0.25mm ²	120108-04-911	120108-04-921
	12pins	0.25mm ²	120112-04-911	120112-04-921
0.2M	8pins	0.25mm ²	120108-04-912	120108-04-922
	12pins	0.25mm ²	120112-04-912	120112-04-922
0.5M	8pins	0.25mm ²	120108-04-913	120108-04-923
	12pins	0.25mm ²	120112-04-913	120112-04-923
1.0M	8pins	0.25mm ²	120108-04-914	120108-04-924
	12pins	0.25mm ²	120112-04-914	120112-04-924

Specifications/技术参数

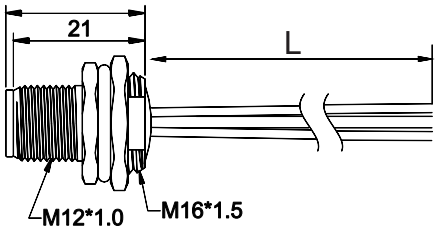
Number of contacts/芯数	8	12
Rated voltage/额定电压	30V	
Rated current (40°C)/额定电流	2A	1.5A
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	

Male panel connector

Product figure (rear fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

A



4pins

A

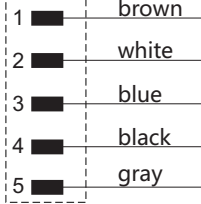
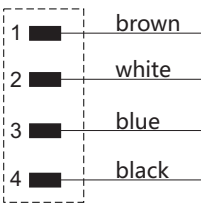
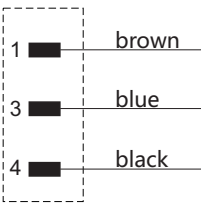


5pins

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC	TPE
0.1M	3pins	0.34mm ²	120103-03-811	120103-03-821
	4pins	0.34mm ²	120104-03-811	120104-03-821
	5pins	0.34mm ²	120105-03-811	120105-03-821
0.2M	3pins	0.34mm ²	120103-03-812	120103-03-822
	4pins	0.34mm ²	120104-03-812	120104-03-822
	5pins	0.34mm ²	120105-03-812	120105-03-822
0.5M	3pins	0.34mm ²	120103-03-813	120103-03-823
	4pins	0.34mm ²	120104-03-813	120104-03-823
	5pins	0.34mm ²	120105-03-813	120105-03-823
1.0M	3pins	0.34mm ²	120103-03-814	120103-03-824
	4pins	0.34mm ²	120104-03-814	120104-03-824
	5pins	0.34mm ²	120105-03-814	120105-03-824

Specifications/技术参数

Number of contacts/芯数	3	4	5
Rated voltage/额定电压	250V		60V
Rated current (40°C)/额定电流	4A		
Protection degree/防护等级	IP67/IP68		
Operating temperature/工作温度	-25°C ~ +80°C		

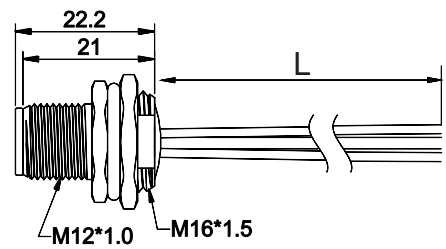
M12 Circular connectors

Male panel connector

Product figure (rear fastened)



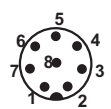
Scale diagram



Contact layout/针孔排布 (Front view/前视图)

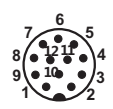
8pins

A



12pins

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC	TPE
0.1M	8pins	0.25mm ²	120108-03-811	120108-03-821
	12pins	0.25mm ²	120112-03-811	120112-03-821
0.2M	8pins	0.25mm ²	120108-03-812	120108-03-822
	12pins	0.25mm ²	120112-03-812	120112-03-822
0.5M	8pins	0.25mm ²	120108-03-813	120108-03-823
	12pins	0.25mm ²	120112-03-813	120112-03-823
1.0M	8pins	0.25mm ²	120108-03-814	120108-03-824
	12pins	0.25mm ²	120112-03-814	120112-03-824

Specifications/技术参数

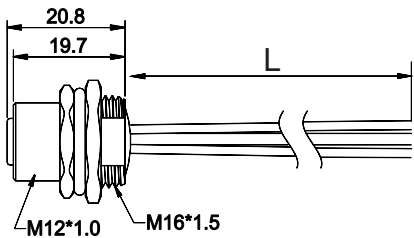
Number of contacts/芯数	8	12
Rated voltage/额定电压	30V	
Rated current (40°C)/额定电流	2A	1.5A
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C~+80°C	

Female panel connector

Product figure (rear fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins
A



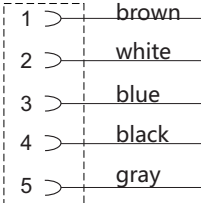
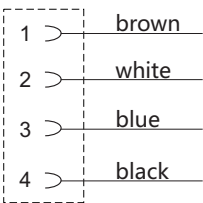
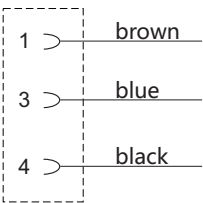
4pins
A



5pins
A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC	TPE
0.1M	3pins	0.34mm ²	120103-04-811	120103-04-821
	4pins	0.34mm ²	120104-04-811	120104-04-821
	5pins	0.34mm ²	120105-04-811	120105-04-821
0.2M	3pins	0.34mm ²	120103-04-812	120103-04-822
	4pins	0.34mm ²	120104-04-812	120104-04-822
	5pins	0.34mm ²	120105-04-812	120105-04-822
0.5M	3pins	0.34mm ²	120103-04-813	120103-04-823
	4pins	0.34mm ²	120104-04-813	120104-04-823
	5pins	0.34mm ²	120105-04-813	120105-04-823
1.0M	3pins	0.34mm ²	120103-04-814	120103-04-824
	4pins	0.34mm ²	120104-04-814	120104-04-824
	5pins	0.34mm ²	120105-04-814	120105-04-824

Specifications/技术参数

Number of contacts/芯数	3	4	5
Rated voltage/额定电压	250V		60V
Rated current (40°C)/额定电流	4A		
Protection degree/防护等级	IP67/IP68		
Operating temperature/工作温度	-25°C ~ +80°C		

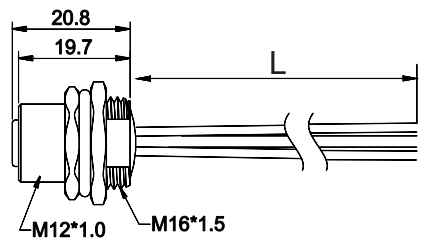
M12 Circular connectors

Female panel connector

Product figure (rear fastened)



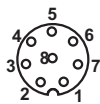
Scale diagram



Contact layout/针孔排布 (Front view/前视图)

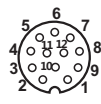
8pins

A

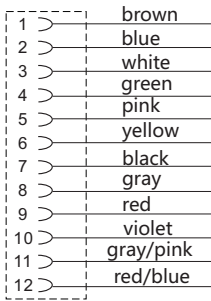
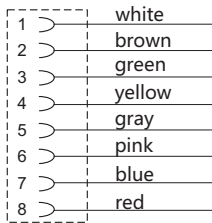


12pins

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC	TPE
0.1M	8pins	0.25mm ²	120108-04-811	120108-04-821
	12pins	0.25mm ²	120112-04-811	120112-04-821
0.2M	8pins	0.25mm ²	120108-04-812	120108-04-822
	12pins	0.25mm ²	120112-04-812	120112-04-822
0.5M	8pins	0.25mm ²	120108-04-813	120108-04-823
	12pins	0.25mm ²	120112-04-813	120112-04-923
1.0M	8pins	0.25mm ²	120108-04-814	120108-04-824
	12pins	0.25mm ²	120112-04-814	120112-04-824

Specifications/技术参数

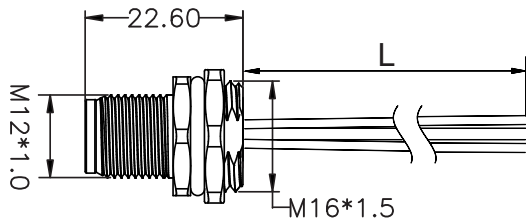
Number of contacts/芯数	8	12
Rated voltage/额定电压	30V	
Rated current (40°C)/额定电流	2A	1.5A
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	

Male panel connector (S-coded)

Product figure (rear fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

S

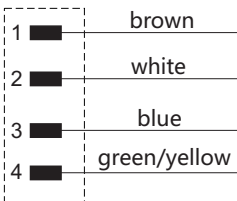


4pins

S



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC	TPE
0.1M	3pins	1.5mm ²	120503-03-811	120503-03-821
	4pins	1.5mm ²	120504-03-811	120504-03-821
0.2M	3pins	1.5mm ²	120503-03-812	120503-03-822
	4pins	1.5mm ²	120504-03-812	120504-03-822
0.5M	3pins	1.5mm ²	120503-03-813	120503-03-823
	4pins	1.5mm ²	120504-03-813	120504-03-823
1.0M	3pins	1.5mm ²	120503-03-814	120503-03-824
	4pins	1.5mm ²	120504-03-814	120504-03-824

Specifications/技术参数

Number of contacts/芯数	3	4
Rated voltage/额定电压	630V	
Rated current (40°C)/额定电流	16A	12A
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C~+80°C	

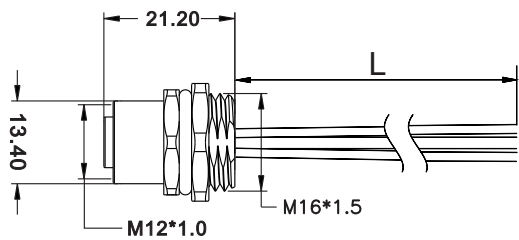
M12 Circular connectors

Female panel connector (S-coded)

Product figure (rear fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

S

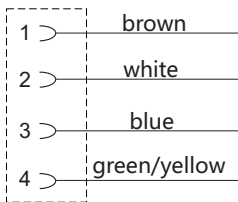
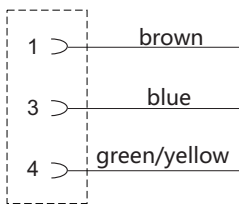


4pins

S



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC	TPE
0.1M	3pins	1.5mm ²	120503-04-811	120503-04-821
	4pins	1.5mm ²	120504-04-811	120504-04-821
0.2M	3pins	1.5mm ²	120503-04-812	120503-04-822
	4pins	1.5mm ²	120504-04-812	120504-04-822
0.5M	3pins	1.5mm ²	120503-04-813	120503-04-823
	4pins	1.5mm ²	120504-04-813	120504-04-823
1.0M	3pins	1.5mm ²	120503-04-814	120503-04-824
	4pins	1.5mm ²	120504-04-814	120504-04-824

Specifications/技术参数

Number of contacts/芯数	3	4
Rated voltage/额定电压	630V	
Rated current (40°C)/额定电流	16A	12A
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	

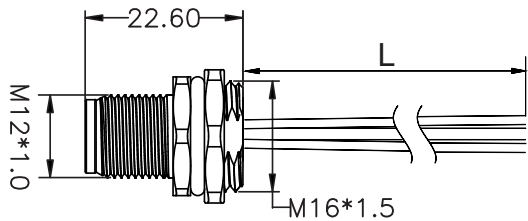
M12 Circular connectors

Male panel connector (T-coded)

Product figure (rear fastened)



Scale diagram



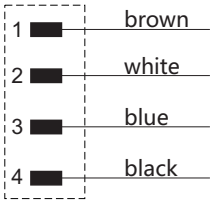
Contact layout/针孔排布 (Front view/前视图)

4pins

T



Circuit diagram/电路图

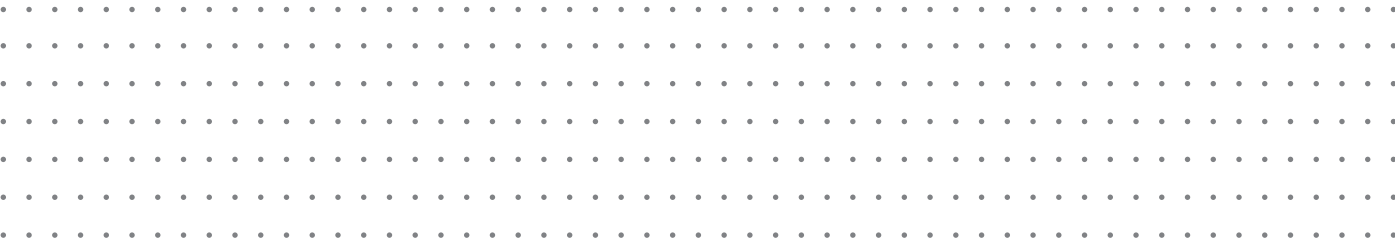


Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC	TPE
0.1M	4pins	1.5mm ²	120604-03-811	120604-03-821
0.2M	4pins	1.5mm ²	120604-03-812	120604-03-822
0.5M	4pins	1.5mm ²	120604-03-813	120604-03-823
1.0M	4pins	1.5mm ²	120604-03-814	120604-03-824

Specifications/技术参数

Number of contacts/芯数	4
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	12A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C~+80°C



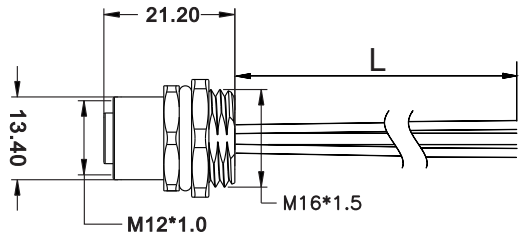
M12 Circular connectors

Female panel connector (T-coded)

Product figure (rear fastened)



Scale diagram



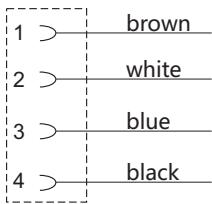
Contact layout/针孔排布 (Front view/前视图)

4pins

T



Circuit diagram/电路图

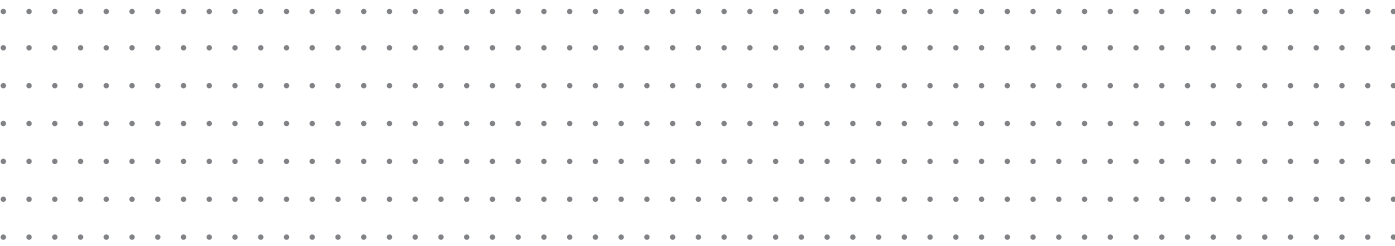


Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC	TPE
0.1M	4pins	1.5mm ²	120604-04-811	120604-04-821
0.2M	4pins	1.5mm ²	120604-04-812	120604-04-822
0.5M	4pins	1.5mm ²	120604-04-813	120604-04-823
1.0M	4pins	1.5mm ²	120604-04-814	120604-04-824

Specifications/技术参数

Number of contacts/芯数	4
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	12A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C~+80°C



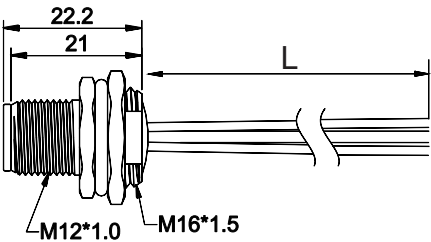
M12 Circular connectors

Male panel connector (A/B-coded)

Product figure (rear fastened) DeviceNet, CANopen



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

5pins

A

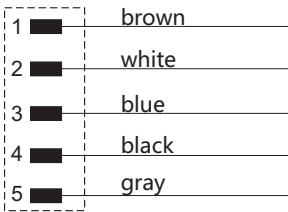
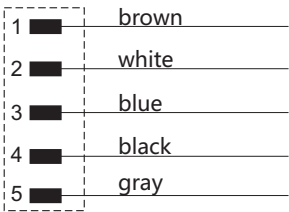


5pins

B



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Coding	Contacts 芯数	Wire diameter 线径	PVC	TPE
0.1M	A	5pins	0.34mm ²	120105-03-831	120105-03-841
	B	5pins	0.34mm ²	120205-03-831	120205-03-841
0.2M	A	5pins	0.34mm ²	120105-03-832	120105-03-842
	B	5pins	0.34mm ²	120205-03-832	120205-03-842
0.5M	A	5pins	0.34mm ²	120105-03-833	120105-03-843
	B	5pins	0.34mm ²	120205-03-833	120205-03-843
1.0M	A	5pins	0.34mm ²	120105-03-834	120105-03-844
	B	5pins	0.34mm ²	120205-03-834	120205-03-844

Specifications/技术参数

Number of contacts/芯数	5
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C

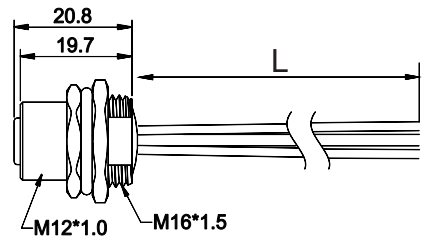
M12 Circular connectors

Female panel connector (A/B-coded)

Product figure (rear fastened) DeviceNet, CANopen



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

5pins

A

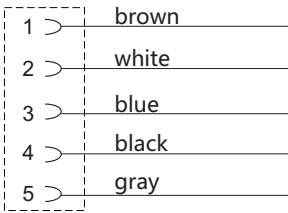
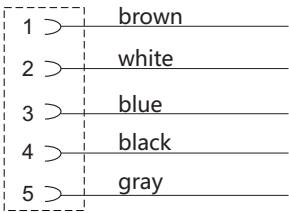


5pins

B



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Coding	Contacts 芯数	Wire diameter 线径	PVC	TPE
0.1M	A	5pins	0.34mm ²	120105-04-831	120105-04-841
	B	5pins	0.34mm ²	120205-04-831	120205-04-841
0.2M	A	5pins	0.34mm ²	120105-04-832	120105-04-842
	B	5pins	0.34mm ²	120205-04-832	120205-04-842
0.5M	A	5pins	0.34mm ²	120105-04-833	120105-04-843
	B	5pins	0.34mm ²	120205-04-833	120205-04-843
1.0M	A	5pins	0.34mm ²	120105-04-834	120105-04-844
	B	5pins	0.34mm ²	120205-04-834	120205-04-844

Specifications/技术参数

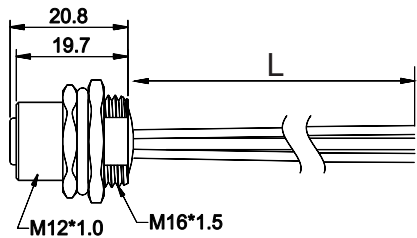
Number of contacts/芯数	5
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C

Female panel connector (D-coded)

Product figure (rear fastened) ETHERNET CAT5



Scale diagram



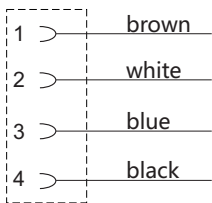
Contact layout/针孔排布 (Front view/前视图)

4pins

D



Circuit diagram/电路图

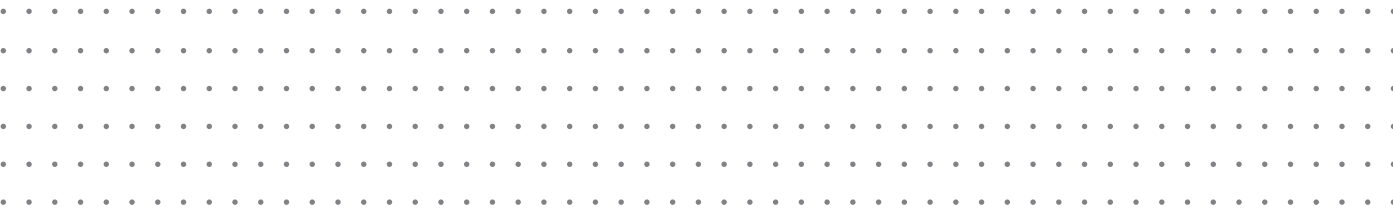


Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC	TPE
0.1M	4pins	0.34mm ²	120404-04-831	120404-04-841
0.2M	4pins	0.34mm ²	120404-04-832	120404-04-842
0.5M	4pins	0.34mm ²	120404-04-833	120404-04-843
1.0M	4pins	0.34mm ²	120404-04-834	120404-04-844

Specifications/技术参数

Number of contacts/芯数	4
Rated voltage/额定电压	250V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C



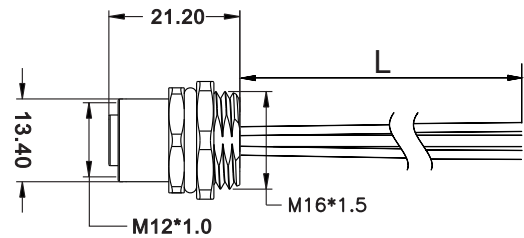
M12 Circular connectors

Female panel connector (X-coded)

Product figure (rear fastened) ETHERNET CAT6



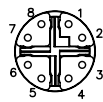
Scale diagram



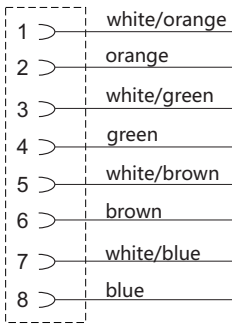
Contact layout/针孔排布 (Front view/前视图)

8pins

X



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC	TPE
0.1M	8pins	0.25mm ²	120708-04-831	120708-04-841
0.2M	8pins	0.25mm ²	120708-04-832	120708-04-842
0.5M	8pins	0.25mm ²	120708-04-833	120708-04-843
1.0M	8pins	0.25mm ²	120708-04-834	120708-04-844

Specifications/技术参数

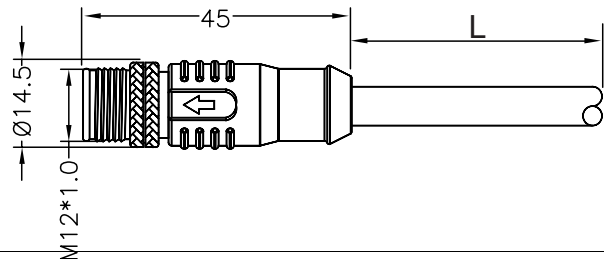
Number of contacts/芯数	8
Rated voltage/额定电压	30V
Rated current (40°C)/额定电流	2A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C

Male cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

A



4pins

A

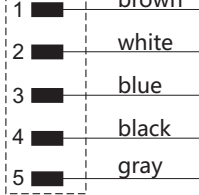
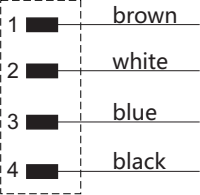
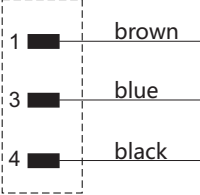


5pins

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
1.5M	3pins	0.34mm ²	120103-05-601	120103-05-641	120103-05-621	120103-05-661
	4pins	0.34mm ²	120104-05-601	120104-05-641	120104-05-621	120104-05-661
	5pins	0.34mm ²	120105-05-601	120105-05-641	120105-05-621	120105-05-661
3.0M	3pins	0.34mm ²	120103-05-602	120103-05-642	120103-05-622	120103-05-662
	4pins	0.34mm ²	120104-05-602	120104-05-642	120104-05-622	120104-05-662
	5pins	0.34mm ²	120105-05-602	120105-05-642	120105-05-622	120105-05-662
5.0M	3pins	0.34mm ²	120103-05-603	120103-05-643	120103-05-623	120103-05-663
	4pins	0.34mm ²	120104-05-603	120104-05-643	120104-05-623	120104-05-663
	5pins	0.34mm ²	120105-05-603	120105-05-643	120105-05-623	120105-05-663
7.5M	3pins	0.34mm ²	120103-05-604	120103-05-644	120103-05-624	120103-05-664
	4pins	0.34mm ²	120104-05-604	120104-05-644	120104-05-624	120104-05-664
	5pins	0.34mm ²	120105-05-604	120105-05-644	120105-05-624	120105-05-664
10M	3pins	0.34mm ²	120103-05-605	120103-05-645	120103-05-625	120103-05-665
	4pins	0.34mm ²	120104-05-605	120104-05-645	120104-05-625	120104-05-665
	5pins	0.34mm ²	120105-05-605	120105-05-645	120105-05-625	120105-05-665

Specifications/技术参数

Number of contacts/芯数	3	4	5
Rated voltage/额定电压	250V		60V
Rated current (40°C)/额定电流	4A		
Protection degree/防护等级	IP67/IP68		
Operating temperature/工作温度	-25°C ~ +80°C		
Cable OD /线材直径	4.5~5.0mm	4.6~6.0mm	5.8~6.0mm

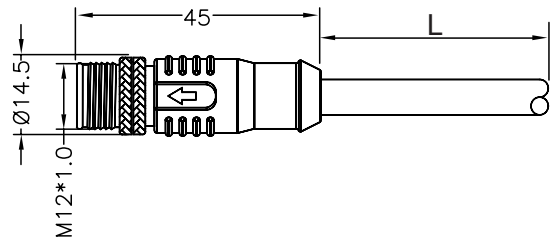
M12 Circular connectors

Male cable

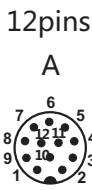
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
1.5M	8pins	0.25mm ²	120108-05-601	120108-05-641	120108-05-621	120108-05-661
	12pins	0.14mm ²	120112-05-601	120112-05-641	120112-05-621	120112-05-661
3.0M	8pins	0.25mm ²	120108-05-602	120108-05-642	120108-05-622	120108-05-662
	12pins	0.145mm ²	120112-05-602	120112-05-642	120112-05-622	120112-05-662
5.0M	8pins	0.25mm ²	120108-05-603	120108-05-643	120108-05-623	120108-05-663
	12pins	0.14mm ²	120112-05-603	120112-05-643	120112-05-623	120112-05-663
7.5M	8pins	0.25mm ²	120108-05-604	120108-05-644	120108-05-624	120108-05-664
	12pins	0.14mm ²	120112-05-604	120112-05-644	120112-05-624	120112-05-664
10M	8pins	0.25mm ²	120108-05-605	120108-05-645	120108-05-625	120108-05-665
	12pins	0.14mm ²	120112-05-605	120112-05-645	120112-05-625	120112-05-665

Specifications/技术参数

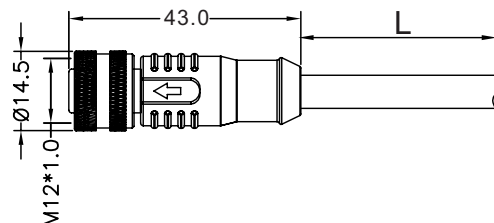
Number of contacts/芯数	8	12
Rated voltage/额定电压	30V	
Rated current (40°C)/额定电流	2A	1.5A
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	
Cable OD /线材直径	6.5mm	6.5~7.0mm

Female cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

A



4pins

A

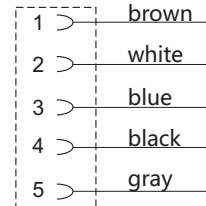
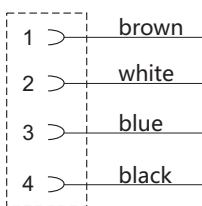
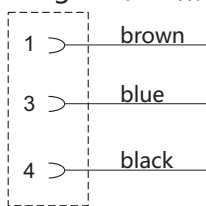


5pins

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
1.5M	3pins	0.34mm ²	120103-06-601	120103-06-641	120103-06-621	120103-06-661
	4pins	0.34mm ²	120104-06-601	120104-06-641	120104-06-621	120104-06-661
	5pins	0.34mm ²	120105-06-601	120105-06-641	120105-06-621	120105-06-661
3.0M	3pins	0.34mm ²	120103-06-602	120103-06-642	120103-06-622	120103-06-662
	4pins	0.34mm ²	120104-06-602	120104-06-642	120104-06-622	120104-06-662
	5pins	0.34mm ²	120105-06-602	120105-06-642	120105-06-622	120105-06-662
5.0M	3pins	0.34mm ²	120103-06-603	120103-06-643	120103-06-623	120103-06-663
	4pins	0.34mm ²	120104-06-603	120104-06-643	120104-06-623	120104-06-663
	5pins	0.34mm ²	120105-06-603	120105-06-643	120105-06-623	120105-06-663
7.5M	3pins	0.34mm ²	120103-06-604	120103-06-644	120103-06-624	120103-06-664
	4pins	0.34mm ²	120104-06-604	120104-06-644	120104-06-624	120104-06-664
	5pins	0.34mm ²	120105-06-604	120105-06-644	120105-06-624	120105-06-664
10M	3pins	0.34mm ²	120103-06-605	120103-06-645	120103-06-625	120103-06-665
	4pins	0.34mm ²	120104-06-605	120104-06-645	120104-06-625	120104-06-665
	5pins	0.34mm ²	120105-06-605	120105-06-645	120105-06-625	120105-06-665

Specifications/技术参数

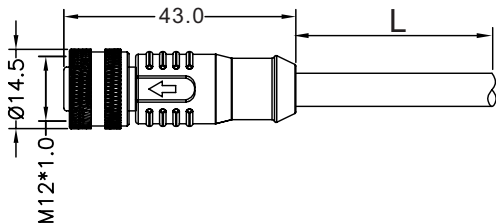
Number of contacts/芯数	3	4	5
Rated voltage/额定电压	250V		60V
Rated current (40°C)/额定电流	4A		
Protection degree/防护等级	IP67/IP68		
Operating temperature/工作温度	-25°C~+80°C		
Cable OD /线材直径	4.5~5.0mm	4.6~6.0mm	5.8~6.0mm

Female cable

Product figure



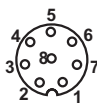
Scale diagram



Contact layout/针孔排布 (Front view/前视图)

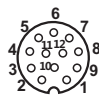
8pins

A

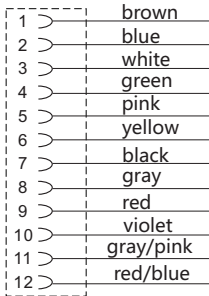
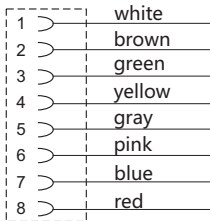


12pins

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
1.5M	8pins	0.25mm ²	120108-06-601	120108-06-641	120108-06-621	120108-06-661
	12pins	0.14mm ²	120112-06-601	120112-06-641	120112-06-621	120112-06-661
3.0M	8pins	0.25mm ²	120108-06-602	120108-06-642	120108-06-622	120108-06-662
	12pins	0.14mm ²	120112-06-602	120112-06-642	120112-06-622	120112-06-662
5.0M	8pins	0.25mm ²	120108-06-603	120108-06-643	120108-06-623	120108-06-663
	12pins	0.14mm ²	120112-06-603	120112-06-643	120112-06-623	120112-06-663
7.5M	8pins	0.25mm ²	120108-06-604	120108-06-644	120108-06-624	120108-06-664
	12pins	0.14mm ²	120112-06-604	120112-06-644	120112-06-624	120112-06-664
10M	8pins	0.25mm ²	120108-06-605	120108-06-645	120108-06-625	120108-06-665
	12pins	0.14mm ²	120112-06-605	120112-06-645	120112-06-625	120112-06-665

Specifications/技术参数

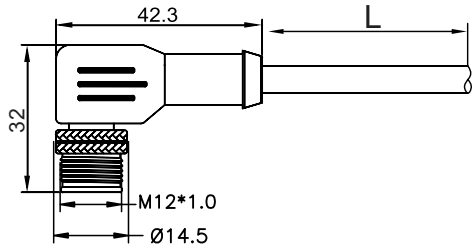
Number of contacts/芯数	8	12
Rated voltage/额定电压	30V	
Rated current (40°C)/额定电流	2A	1.5A
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C~+80°C	
Cable OD /线材直径	6.5mm	6.5~7.0mm

Male cable (90°)

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

A



4pins

A

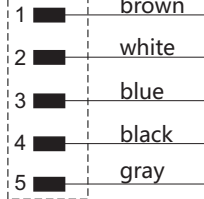
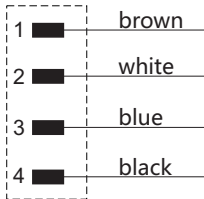
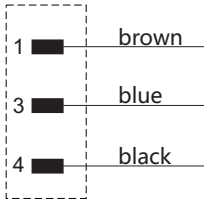


5pins

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
1.5M	3pins	0.34mm ²	120103-05-901	120103-05-941	120103-05-921	120103-05-961
	4pins	0.34mm ²	120104-05-901	120104-05-941	120104-05-921	120104-05-961
	5pins	0.34mm ²	120105-05-901	120105-05-941	120105-05-921	120105-05-961
3.0M	3pins	0.34mm ²	120103-05-902	120103-05-942	120103-05-922	120103-05-962
	4pins	0.34mm ²	120104-05-902	120104-05-942	120104-05-922	120104-05-962
	5pins	0.34mm ²	120105-05-902	120105-05-942	120105-05-922	120105-05-962
5.0M	3pins	0.34mm ²	120103-05-903	120103-05-943	120103-05-923	120103-05-963
	4pins	0.34mm ²	120104-05-903	120104-05-943	120104-05-923	120104-05-963
	5pins	0.34mm ²	120105-05-903	120105-05-943	120105-05-923	120105-05-963
7.5M	3pins	0.34mm ²	120103-05-904	120103-05-944	120103-05-924	120103-05-964
	4pins	0.34mm ²	120104-05-904	120104-05-944	120104-05-924	120104-05-964
	5pins	0.34mm ²	120105-05-904	120105-05-944	120105-05-924	120105-05-964
10M	3pins	0.34mm ²	120103-05-905	120103-05-945	120103-05-925	120103-05-965
	4pins	0.34mm ²	120104-05-905	120104-05-945	120104-05-925	120104-05-965
	5pins	0.34mm ²	120105-05-905	120105-05-945	120105-05-925	120105-05-965

Specifications/技术参数

Number of contacts/芯数	3	4	5
Rated voltage/额定电压	250V		60V
Rated current (40°C)/额定电流	4A		
Protection degree/防护等级	IP67/IP68		
Operating temperature/工作温度	-25°C~+80°C		
Cable OD /线材直径	4.5~5.0mm	4.6~6.0mm	5.8~6.0mm

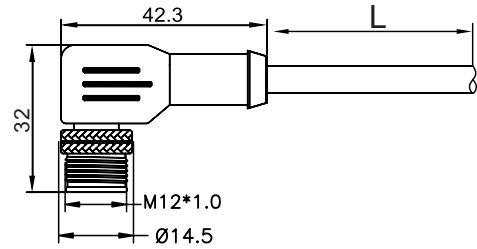
M12 Circular connectors

Male cable (90°)

Product figure

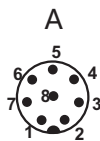


Scale diagram

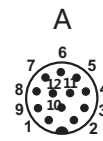


Contact layout/针孔排布 (Front view/前视图)

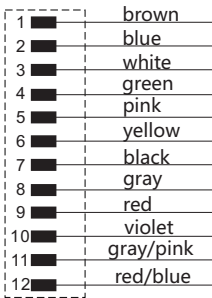
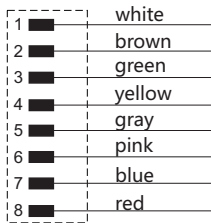
8pins



12pins



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
1.5M	8pins	0.25mm ²	120108-05-901	120108-05-941	120108-05-921	120108-05-961
	12pins	0.14mm ²	120112-05-901	120112-05-941	120112-05-921	120112-05-961
3.0M	8pins	0.25mm ²	120108-05-902	120108-05-942	120108-05-922	120108-05-962
	12pins	0.14mm ²	120112-05-902	120112-05-942	120112-05-922	120112-05-962
5.0M	8pins	0.25mm ²	120108-05-903	120108-05-943	120108-05-923	120108-05-963
	12pins	0.14mm ²	120112-05-903	120112-05-943	120112-05-923	120112-05-963
7.5M	8pins	0.25mm ²	120108-05-904	120108-05-944	120108-05-924	120108-05-964
	12pins	0.14mm ²	120112-05-904	120112-05-944	120112-05-924	120112-05-964
10M	8pins	0.25mm ²	120108-05-905	120108-05-945	120108-05-925	120108-05-965
	12pins	0.14mm ²	120112-05-905	120112-05-945	120112-05-925	120112-05-965

Specifications/技术参数

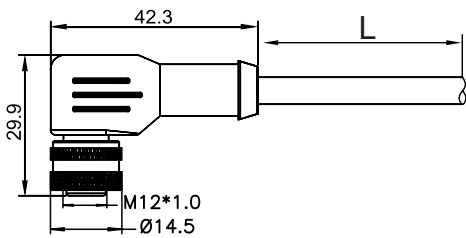
Number of contacts/芯数	8	12
Rated voltage/额定电压	30V	
Rated current (40°C)/额定电流	2A	1.5A
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	
Cable OD /线材直径	6.5mm	6.5~7.0mm

Female cable (90°)

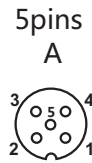
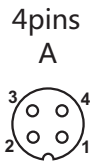
Product figure



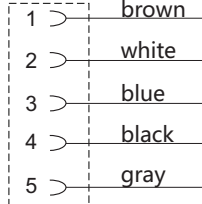
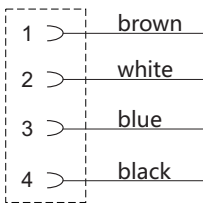
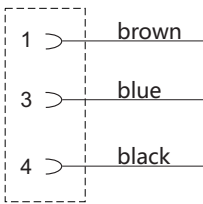
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
1.5M	3pins	0.34mm ²	120103-06-901	120103-06-941	120103-06-921	120103-06-961
	4pins	0.34mm ²	120104-06-901	120104-06-941	120104-06-921	120104-06-961
	5pins	0.34mm ²	120105-06-901	120105-06-941	120105-06-921	120105-06-961
3.0M	3pins	0.34mm ²	120103-06-902	120103-06-942	120103-06-922	120103-06-962
	4pins	0.34mm ²	120104-06-902	120104-06-942	120104-06-922	120104-06-962
	5pins	0.34mm ²	120105-06-902	120105-06-942	120105-06-922	120105-06-962
5.0M	3pins	0.34mm ²	120103-06-903	120103-06-943	120103-06-923	120103-06-963
	4pins	0.34mm ²	120104-06-903	120104-06-943	120104-06-923	120104-06-963
	5pins	0.34mm ²	120105-06-903	120105-06-943	120105-06-923	120105-06-963
7.5M	3pins	0.34mm ²	120103-06-904	120103-06-944	120103-06-924	120103-06-964
	4pins	0.34mm ²	120104-06-904	120104-06-944	120104-06-924	120104-06-964
	5pins	0.34mm ²	120105-06-904	120105-06-944	120105-06-924	120105-06-964
10M	3pins	0.34mm ²	120103-06-905	120103-06-945	120103-06-925	120103-06-965
	4pins	0.34mm ²	120104-06-905	120104-06-945	120104-06-925	120104-06-965
	5pins	0.34mm ²	120105-06-905	120105-06-945	120105-06-925	120105-06-965

Specifications/技术参数

Number of contacts/芯数	3	4	5
Rated voltage/额定电压	250V		60V
Rated current (40°C)/额定电流	4A		
Protection degree/防护等级	IP67/IP68		
Operating temperature/工作温度	-25°C ~ +80°C		
Cable OD /线材直径	4.5~5.0mm	4.6~6.0mm	5.8~6.0mm

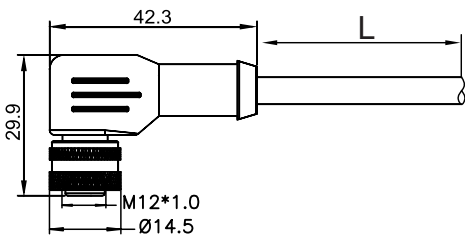
M12 Circular connectors

Female cable (90°)

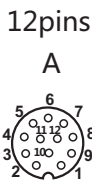
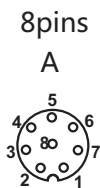
Product figure



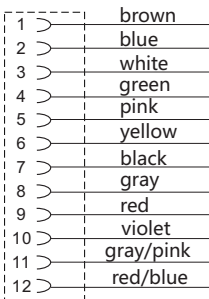
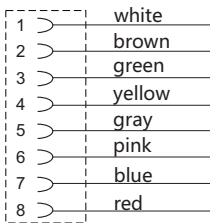
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
1.5M	8pins	0.25mm ²	120108-06-901	120108-06-941	120108-06-921	120108-06-961
	12pins	0.14mm ²	120112-06-901	120112-06-941	120112-06-921	120112-06-961
3.0M	8pins	0.25mm ²	120108-06-902	120108-06-942	120108-06-922	120108-06-962
	12pins	0.14mm ²	120112-06-902	120112-06-942	120112-06-922	120112-06-962
5.0M	8pins	0.25mm ²	120108-06-903	120108-06-943	120108-06-923	120108-06-963
	12pins	0.14mm ²	120112-06-903	120112-06-943	120112-06-923	120112-06-963
7.5M	8pins	0.25mm ²	120108-06-904	120108-06-944	120108-06-924	120108-06-964
	12pins	0.14mm ²	120112-06-904	120112-06-944	120112-06-924	120112-06-964
10M	8pins	0.25mm ²	120108-06-905	120108-06-945	120108-06-925	120108-06-965
	12pins	0.14mm ²	120112-06-905	120112-06-945	120112-06-925	120112-06-965

Specifications/技术参数

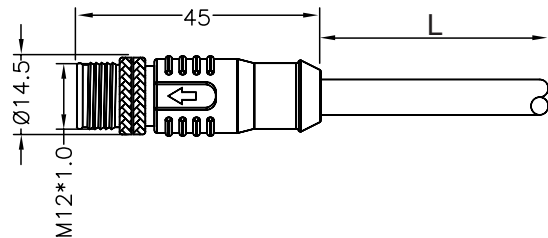
Number of contacts/芯数	8	12
Rated voltage/额定电压	30V	
Rated current (40°C)/额定电流	2A	1.5A
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	
Cable OD /线材直径	6.5mm	6.5~7.0mm

Male cable (with shield)

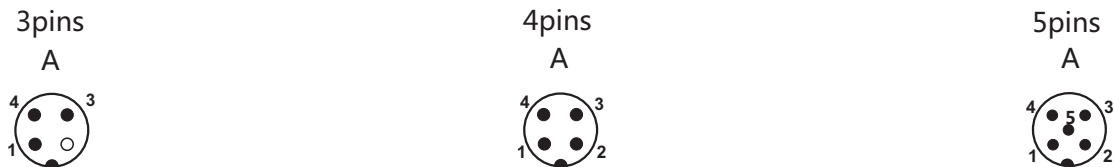
Product figure



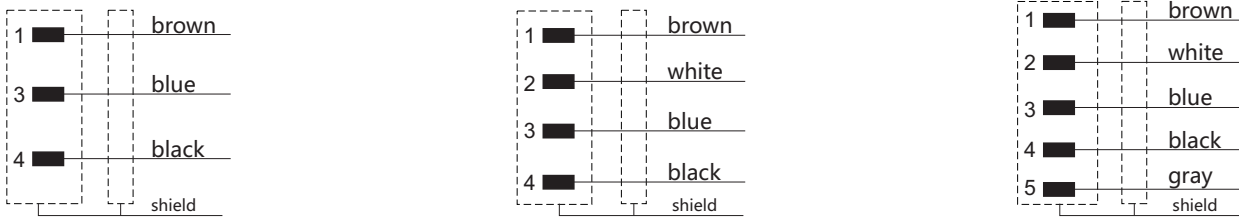
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC+AEB		PUR+AEB	
			black/黑色	gray/灰色	black/黑色	gray/灰色
1.5M	3pins	0.34mm ²	120103-05-611	120103-05-651	120103-05-631	120103-05-671
	4pins	0.34mm ²	120104-05-611	120104-05-651	120104-05-631	120104-05-671
	5pins	0.34mm ²	120105-05-611	120105-05-651	120105-05-631	120105-05-671
3.0M	3pins	0.34mm ²	120103-05-612	120103-05-652	120103-05-632	120103-05-672
	4pins	0.34mm ²	120104-05-612	120104-05-652	120104-05-632	120104-05-672
	5pins	0.34mm ²	120105-05-612	120105-05-652	120105-05-632	120105-05-672
5.0M	3pins	0.34mm ²	120103-05-613	120103-05-653	120103-05-633	120103-05-673
	4pins	0.34mm ²	120104-05-613	120104-05-653	120104-05-633	120104-05-673
	5pins	0.34mm ²	120105-05-613	120105-05-653	120105-05-633	120105-05-673
7.5M	3pins	0.34mm ²	120103-05-614	120103-05-654	120103-05-634	120103-05-674
	4pins	0.34mm ²	120104-05-614	120104-05-654	120104-05-634	120104-05-674
	5pins	0.34mm ²	120105-05-614	120105-05-654	120105-05-634	120105-05-674
10M	3pins	0.34mm ²	120103-05-615	120103-05-655	120103-05-635	120103-05-675
	4pins	0.34mm ²	120104-05-615	120104-05-655	120104-05-635	120104-05-675
	5pins	0.34mm ²	120105-05-615	120105-05-655	120105-05-635	120105-05-675

Specifications/技术参数

Number of contacts/芯数	3	4	5
Rated voltage/额定电压	250V		60V
Rated current (40°C)/额定电流	4A		
Protection degree/防护等级	IP67/IP68		
Operating temperature/工作温度	-25°C~+80°C		
Cable OD /线材直径	4.6~5.0mm	5.0~6.0mm	6.0~7.0mm

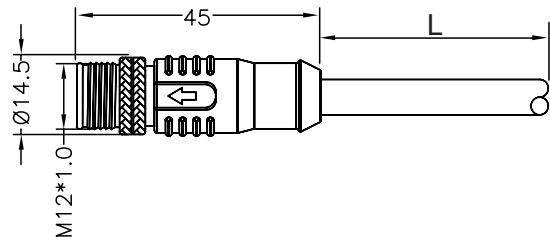
M12 Circular connectors

Male cable (with shield)

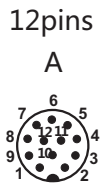
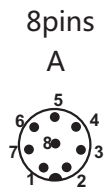
Product figure



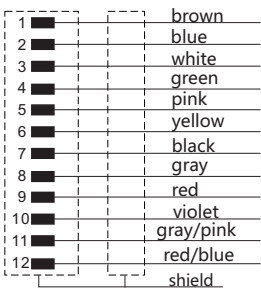
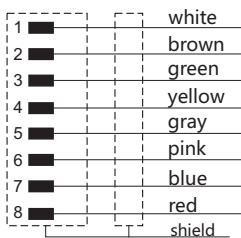
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC+AEB		PUR+AEB	
			black/黑色	gray/灰色	black/黑色	gray/灰色
1.5M	8pins	0.25mm ²	120108-05-611	120108-05-651	120108-05-631	120108-05-671
	12pins	0.14mm ²	120112-05-611	120112-05-651	120112-05-631	120112-05-671
3.0M	8pins	0.25mm ²	120108-05-612	120108-05-652	120108-05-632	120108-05-672
	12pins	0.14mm ²	120112-05-612	120112-05-652	120112-05-632	120112-05-672
5.0M	8pins	0.25mm ²	120108-05-613	120108-05-653	120108-05-633	120108-05-673
	12pins	0.14mm ²	120112-05-613	120112-05-653	120112-05-633	120112-05-673
7.5M	8pins	0.25mm ²	120108-05-614	120108-05-654	120108-05-634	120108-05-674
	12pins	0.14mm ²	120112-05-614	120112-05-654	120112-05-634	120112-05-674
10M	8pins	0.25mm ²	120108-05-615	120108-05-655	120108-05-635	120108-05-675
	12pins	0.14mm ²	120112-05-615	120112-05-655	120112-05-635	120112-05-675

Specifications/技术参数

Number of contacts/芯数	8	12
Rated voltage/额定电压	30V	
Rated current (40°C)/额定电流	2A	1.5A
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	
Cable OD /线材直径	5.5~6.0mm	7.0mm

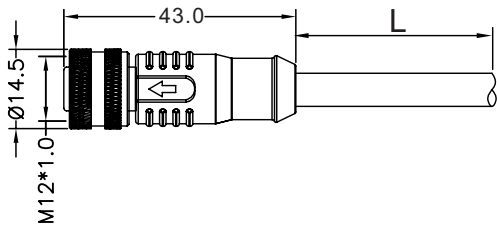
M12 Circular connectors

Female cable (with shield)

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

A



4pins

A

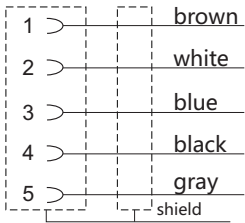
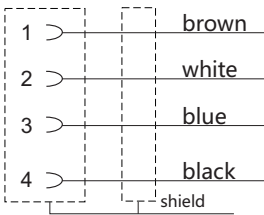
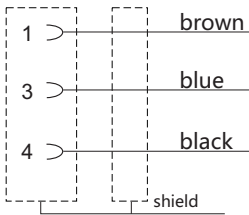


5pins

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC+AEB		PUR+AEB	
			black/黑色	gray/灰色	black/黑色	gray/灰色
1.5M	3pins	0.34mm ²	120103-06-611	120103-06-651	120103-06-631	120103-06-671
	4pins	0.34mm ²	120104-06-611	120104-06-651	120104-06-631	120104-06-671
	5pins	0.34mm ²	120105-06-611	120105-06-651	120105-06-631	120105-06-671
3.0M	3pins	0.34mm ²	120103-06-612	120103-06-652	120103-06-632	120103-06-672
	4pins	0.34mm ²	120104-06-612	120104-06-652	120104-06-632	120104-06-672
	5pins	0.34mm ²	120105-06-612	120105-06-652	120105-06-632	120105-06-672
5.0M	3pins	0.34mm ²	120103-06-613	120103-06-653	120103-06-633	120103-06-673
	4pins	0.34mm ²	120104-06-613	120104-06-653	120104-06-633	120104-06-673
	5pins	0.34mm ²	120105-06-613	120105-06-653	120105-06-633	120105-06-673
7.5M	3pins	0.34mm ²	120103-06-614	120103-06-654	120103-06-634	120103-06-674
	4pins	0.34mm ²	120104-06-614	120104-06-654	120104-06-634	120104-06-674
	5pins	0.34mm ²	120105-06-614	120105-06-654	120105-06-634	120105-06-674
10M	3pins	0.34mm ²	120103-06-615	120103-06-655	120103-06-635	120103-06-675
	4pins	0.34mm ²	120104-06-615	120104-06-655	120104-06-635	120104-06-675
	5pins	0.34mm ²	120105-06-615	120105-06-655	120105-06-635	120105-06-675

Specifications/技术参数

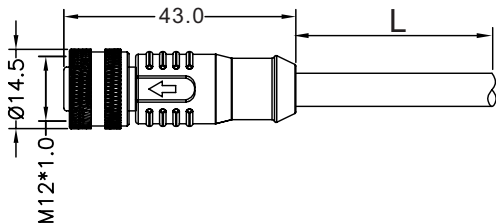
Number of contacts/芯数	3	4	5
Rated voltage/额定电压	250V		60V
Rated current (40°C)/额定电流	4A		
Protection degree/防护等级	IP67/IP68		
Operating temperature/工作温度	-25°C~+80°C		
Cable OD /线材直径	4.6~5.0mm	5.0~6.0mm	6.0~7.0mm

Female cable (with shield)

Product figure



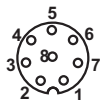
Scale diagram



Contact layout/针孔排布 (Front view/前视图)

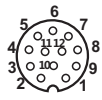
8pins

A

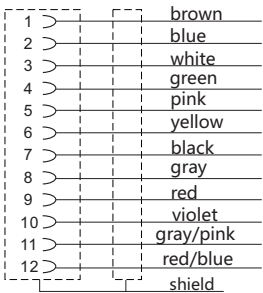
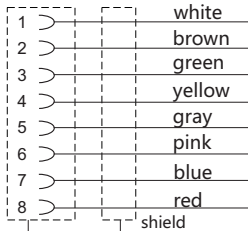


12pins

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC+AEB		PUR+AEB	
			black/黑色	gray/灰色	black/黑色	gray/灰色
1.5M	8pins	0.25mm ²	120108-06-611	120108-06-651	120108-06-631	120108-06-671
	12pins	0.14mm ²	120112-06-611	120112-06-651	120112-06-631	120112-06-671
3.0M	8pins	0.25mm ²	120108-06-612	120108-06-652	120108-06-632	120108-06-672
	12pins	0.14mm ²	120112-06-612	120112-06-652	120112-06-632	120112-06-672
5.0M	8pins	0.25mm ²	120108-06-613	120108-06-653	120108-06-633	120108-06-673
	12pins	0.14mm ²	120112-06-613	120112-06-653	120112-06-633	120112-06-673
7.5M	8pins	0.25mm ²	120108-06-614	120108-06-654	120108-06-634	120108-06-674
	12pins	0.14mm ²	120112-06-614	120112-06-654	120112-06-634	120112-06-674
10M	8pins	0.25mm ²	120108-06-615	120108-06-655	120108-06-635	120108-06-675
	12pins	0.14mm ²	120112-06-615	120112-06-655	120112-06-635	120112-06-675

Specifications/技术参数

Number of contacts/芯数	8	12
Rated voltage/额定电压	30V	
Rated current (40°C)/额定电流	2A	1.5A
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C~+80°C	
Cable OD /线材直径	5.5~6.0mm	7.0mm

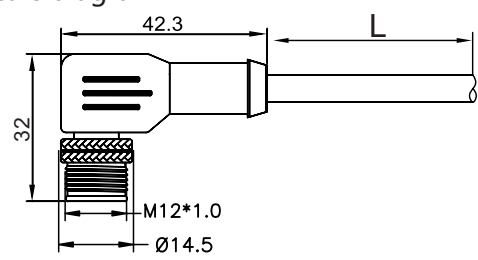
M12 Circular connectors

Male cable (90° with shield)

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins
A



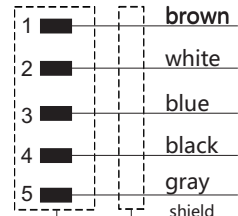
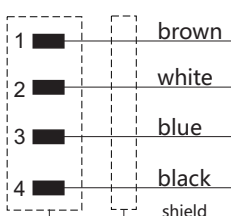
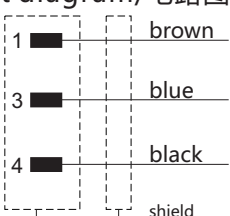
4pins
A



5pins
A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC+AEB		PUR+AEB	
			black/黑色	gray/灰色	black/黑色	gray/灰色
1.5M	3pins	0.34mm ²	120103-05-911	120103-05-951	120103-05-931	120103-05-971
	4pins	0.34mm ²	120104-05-911	120104-05-951	120104-05-931	120104-05-971
	5pins	0.34mm ²	120105-05-911	120105-05-951	120105-05-931	120105-05-971
3.0M	3pins	0.34mm ²	120103-05-912	120103-05-952	120103-05-932	120103-05-972
	4pins	0.34mm ²	120104-05-912	120104-05-952	120104-05-932	120104-05-972
	5pins	0.34mm ²	120105-05-912	120105-05-952	120105-05-932	120105-05-972
5.0M	3pins	0.34mm ²	120103-05-913	120103-05-953	120103-05-933	120103-05-973
	4pins	0.34mm ²	120104-05-913	120104-05-953	120104-05-933	120104-05-973
	5pins	0.34mm ²	120105-05-913	120105-05-953	120105-05-933	120105-05-973
7.5M	3pins	0.34mm ²	120103-05-914	120103-05-954	120103-05-934	120103-05-974
	4pins	0.34mm ²	120104-05-914	120104-05-954	120104-05-934	120104-05-974
	5pins	0.34mm ²	120105-05-914	120105-05-954	120105-05-934	120105-05-974
10M	3pins	0.34mm ²	120103-05-915	120103-05-955	120103-05-935	120103-05-975
	4pins	0.34mm ²	120104-05-915	120104-05-955	120104-05-935	120104-05-975
	5pins	0.34mm ²	120105-05-915	120105-05-955	120105-05-935	120105-05-975

Specifications/技术参数

Number of contacts/芯数	3	4	5
Rated voltage/额定电压	250V		60V
Rated current (40°C)/额定电流	4A		
Protection degree/防护等级	IP67/IP68		
Operating temperature/工作温度	-25°C~+80°C		
Cable OD /线材直径	4.6~5.0mm	5.0~6.0mm	6.0~7.0mm

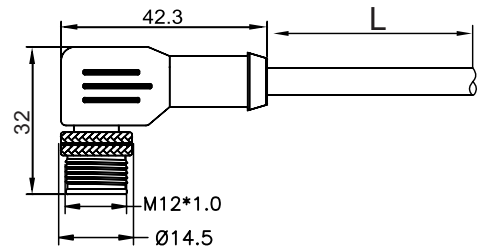
M12 Circular connectors

Male cable (90° with shield)

Product figure

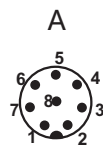


Scale diagram

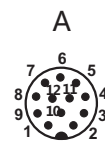


Contact layout/针孔排布 (Front view/前视图)

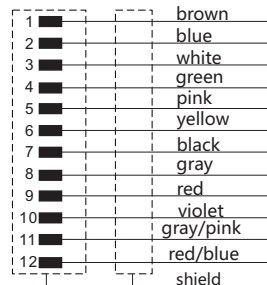
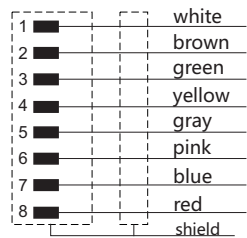
8pins



12pins



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC+AEB		PUR+AEB	
			black/黑色	gray/灰色	black/黑色	gray/灰色
1.5M	8pins	0.25mm ²	120108-05-911	120108-05-951	120108-05-931	120108-05-971
	12pins	0.14mm ²	120112-05-911	120112-05-951	120112-05-931	120112-05-971
3.0M	8pins	0.25mm ²	120108-05-912	120108-05-952	120108-05-932	120108-05-972
	12pins	0.14mm ²	120112-05-912	120112-05-952	120112-05-932	120112-05-972
5.0M	8pins	0.25mm ²	120108-05-913	120108-05-953	120108-05-933	120108-05-973
	12pins	0.14mm ²	120112-05-913	120112-05-953	120112-05-933	120112-05-973
7.5M	8pins	0.25mm ²	120108-05-914	120108-05-954	120108-05-934	120108-05-974
	12pins	0.14mm ²	120112-05-914	120112-05-954	120112-05-934	120112-05-974
10M	8pins	0.25mm ²	120108-05-915	120108-05-955	120108-05-935	120108-05-975
	12pins	0.14mm ²	120112-05-915	120112-05-955	120112-05-935	120112-05-975

Specifications/技术参数

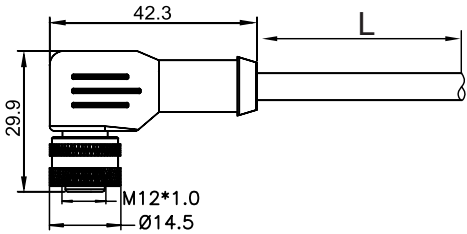
Number of contacts/芯数	8	12
Rated voltage/额定电压	30V	
Rated current (40°C)/额定电流	2A	1.5A
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	
Cable OD /线材直径	5.5~6.0mm	7.0mm

Female cable (90° with shield)

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

A



4pins

A

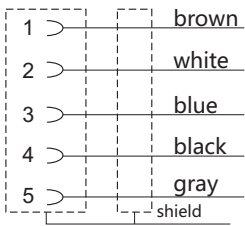
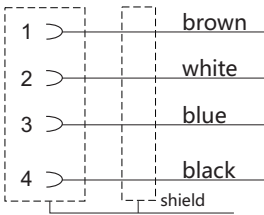
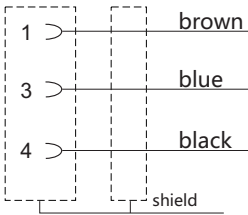


5pins

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC+AEB		PUR+AEB	
			black/黑色	gray/灰色	black/黑色	gray/灰色
1.5M	3pins	0.34mm ²	120103-06-911	120103-06-951	120103-06-931	120103-06-971
	4pins	0.34mm ²	120104-06-911	120104-06-951	120104-06-931	120104-06-971
	5pins	0.34mm ²	120105-06-911	120105-06-951	120105-06-931	120105-06-971
3.0M	3pins	0.34mm ²	120103-06-912	120103-06-952	120103-06-932	120103-06-972
	4pins	0.34mm ²	120104-06-912	120104-06-952	120104-06-932	120104-06-972
	5pins	0.34mm ²	120105-06-912	120105-06-952	120105-06-932	120105-06-972
5.0M	3pins	0.34mm ²	120103-06-913	120103-06-953	120103-06-933	120103-06-973
	4pins	0.34mm ²	120104-06-913	120104-06-953	120104-06-933	120104-06-973
	5pins	0.34mm ²	120105-06-913	120105-06-953	120105-06-933	120105-06-973
7.5M	3pins	0.34mm ²	120103-06-914	120103-06-954	120103-06-934	120103-06-974
	4pins	0.34mm ²	120104-06-914	120104-06-954	120104-06-934	120104-06-974
	5pins	0.34mm ²	120105-06-914	120105-06-954	120105-06-934	120105-06-974
10M	3pins	0.34mm ²	120103-06-915	120103-06-955	120103-06-935	120103-06-975
	4pins	0.34mm ²	120104-06-915	120104-06-955	120104-06-935	120104-06-975
	5pins	0.34mm ²	120105-06-915	120105-06-955	120105-06-935	120105-06-975

Specifications/技术参数

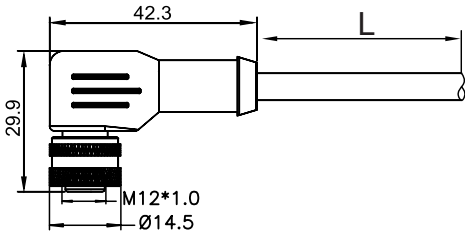
Number of contacts/芯数	3	4	5
Rated voltage/额定电压	250V		60V
Rated current (40°C)/额定电流	4A		
Protection degree/防护等级	IP67/IP68		
Operating temperature/工作温度	-25°C~+80°C		
Cable OD /线材直径	4.6~5.0mm	5.0~6.0mm	6.0~7.0mm

Female cable (90° with shield)

Product figure



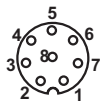
Scale diagram



Contact layout/针孔排布 (Front view/前视图)

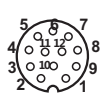
8pins

A

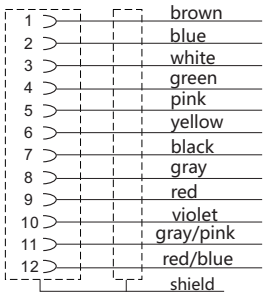
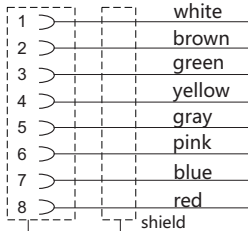


12pins

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC+AEB		PUR+AEB	
			black/黑色	gray/灰色	black/黑色	gray/灰色
1.5M	8pins	0.25mm ²	120108-06-911	120108-06-951	120108-06-931	120108-06-971
	12pins	0.14mm ²	120112-06-911	120112-06-951	120112-06-931	120112-06-971
3.0M	8pins	0.25mm ²	120108-06-912	120108-06-952	120108-06-932	120108-06-972
	12pins	0.14mm ²	120112-06-912	120112-06-952	120112-06-932	120112-06-972
5.0M	8pins	0.25mm ²	120108-06-913	120108-06-953	120108-06-933	120108-06-973
	12pins	0.14mm ²	120112-06-913	120112-06-953	120112-06-933	120112-06-973
7.5M	8pins	0.25mm ²	120108-06-914	120108-06-954	120108-06-934	120108-06-974
	12pins	0.14mm ²	120112-06-914	120112-06-954	120112-06-934	120112-06-974
10M	8pins	0.25mm ²	120108-06-915	120108-06-955	120108-06-935	120108-06-975
	12pins	0.14mm ²	120112-06-915	120112-06-955	120112-06-935	120112-06-975

Specifications/技术参数

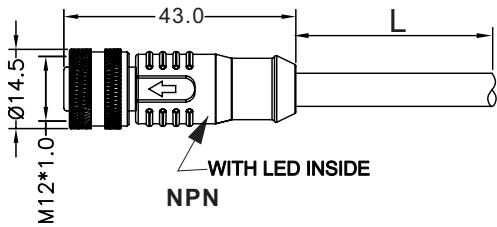
Number of contacts/芯数	8	12
Rated voltage/额定电压	30V	
Rated current (40°C)/额定电流	2A	1.5A
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	
Cable OD /线材直径	5.5~6.0mm	7.0mm

Female cable (with LED NPN)

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

A

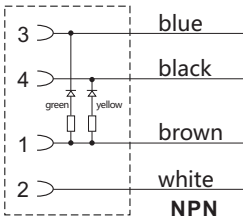
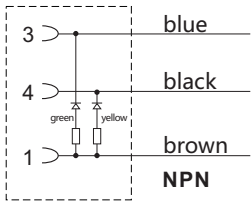


4pins

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	0.34mm ²
1.5M	3pins	120103-06-685
	4pins	120104-06-690
3.0M	3pins	120103-06-686
	4pins	120104-06-691
5.0M	3pins	120103-06-687
	4pins	120104-06-692
7.5M	3pins	120103-06-688
	4pins	120104-06-693
10M	3pins	120103-06-689
	4pins	120104-06-694

Specifications/技术参数

Number of contacts/芯数	3	4
Rated voltage/额定电压	250V	
Rated current (40°C)/额定电流	4A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	
Cable OD /线材直径	4.6~5.0mm	4.6~6.0mm

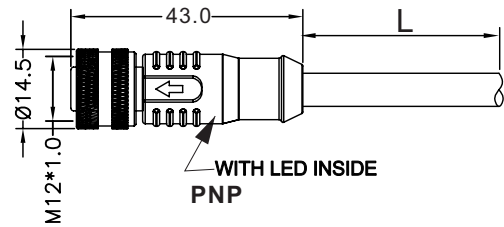
M12 Circular connectors

Female cable (with LED PNP)

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

A

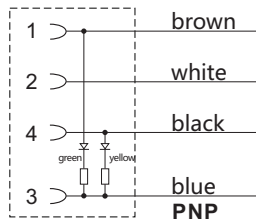
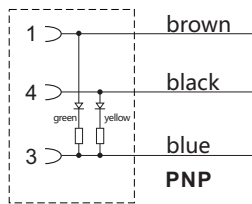


4pins

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	0.34mm ²
1.5M	3pins	120103-06-680
	4pins	120104-06-680
3.0M	3pins	120103-06-681
	4pins	120104-06-681
5.0M	3pins	120103-06-682
	4pins	120104-06-682
7.5M	3pins	120103-06-683
	4pins	120104-06-683
10M	3pins	120103-06-684
	4pins	120104-06-684

Specifications/技术参数

Number of contacts/芯数	3	4
Rated voltage/额定电压	250V	
Rated current (40°C)/额定电流	4A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	
Cable OD /线材直径	4.6~5.0mm	4.6~6.0mm

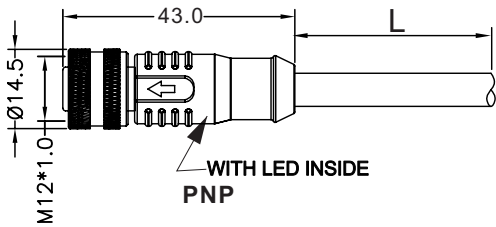
M12 Circular connectors

Female cable (with LED PNP)

Product figure



Scale diagram



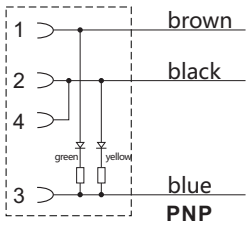
Contact layout/针孔排布 (Front view/前视图)

4pins

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	0.34mm ²
1.5M	4pins	120104-06-685
3.0M	4pins	120104-06-686
5.0M	4pins	120104-06-687
7.5M	4pins	120104-06-688
10M	4pins	120104-06-689

Specifications/技术参数

Number of contacts/芯数	4
Rated voltage/额定电压	250V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD /线材直径	4.6~6.0mm

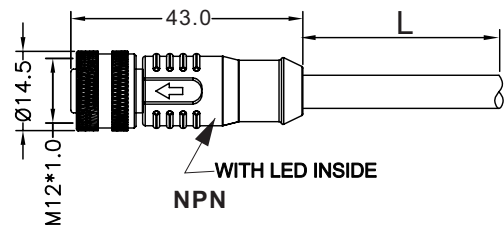
M12 Circular connectors

Female cable (with LED NPN)

Product figure



Scale diagram



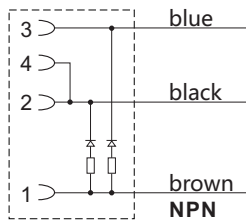
Contact layout/针孔排布 (Front view/前视图)

4pins

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	0.34mm ²
1.5M	4pins	120104-06-695
3.0M	4pins	120104-06-696
5.0M	4pins	120104-06-697
7.5M	4pins	120104-06-698
10M	4pins	120104-06-699

Specifications/技术参数

Number of contacts/芯数	4
Rated voltage/额定电压	250V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD /线材直径	4.6~6.0mm

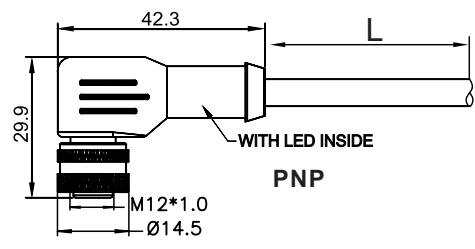
M12 Circular connectors

Female cable (90° with LED PNP)

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

A

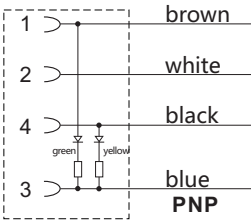
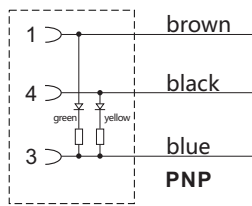


4pins

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	0.34mm ²
1.5M	3pins	120103-06-980
	4pins	120104-06-980
3.0M	3pins	120103-06-981
	4pins	120104-06-981
5.0M	3pins	120103-06-982
	4pins	120104-06-982
7.5M	3pins	120103-06-983
	4pins	120104-06-983
10M	3pins	120103-06-984
	4pins	120104-06-984

Specifications/技术参数

Number of contacts/芯数	3	4
Rated voltage/额定电压	250V	
Rated current (40°C)/额定电流	4A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	
Cable OD /线材直径	4.6~5.0mm	4.6~6.0mm

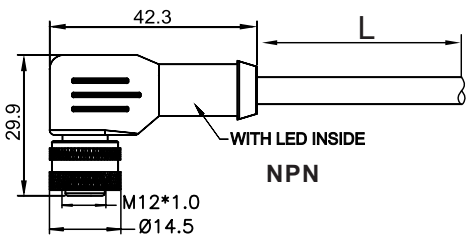
M12 Circular connectors

Female cable (90° with LED NPN)

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3pins

A

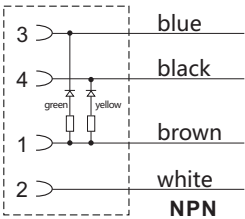
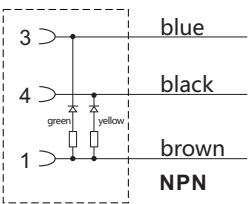


4pins

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	0.34mm ²
1.5M	3pins	120103-06-985
	4pins	120104-06-930
3.0M	3pins	120103-06-986
	4pins	120104-06-931
5.0M	3pins	120103-06-987
	4pins	120104-06-932
7.5M	3pins	120103-06-988
	4pins	120104-06-933
10M	3pins	120103-06-989
	4pins	120104-06-934

Specifications/技术参数

Number of contacts/芯数	3	4
Rated voltage/额定电压	250V	
Rated current (40°C)/额定电流	4A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	
Cable OD /线材直径	4.6~5.0mm	4.6~6.0mm

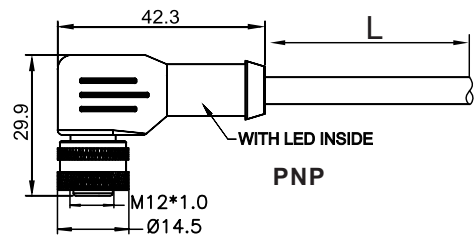
M12 Circular connectors

Female cable (90° with LED PNP)

Product figure



Scale diagram



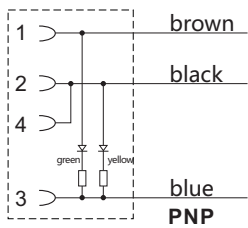
Contact layout/针孔排布 (Front view/前视图)

4pins

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	0.34mm ²
1.5M	4pins	120104-06-985
3.0M	4pins	120104-06-986
5.0M	4pins	120104-06-987
7.5M	4pins	120104-06-988
10M	4pins	120104-06-989

Specifications/技术参数

Number of contacts/芯数	4
Rated voltage/额定电压	250V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD /线材直径	4.6~6.0mm

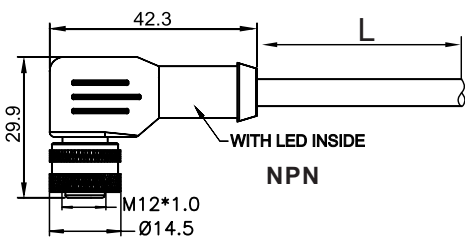
M12 Circular connectors

Female cable (90° with LED NPN)

Product figure



Scale diagram



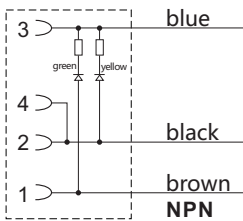
Contact layout/针孔排布 (Front view/前视图)

4pins

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	0.34mm ²
1.5M	4pins	120104-06-995
3.0M	4pins	120104-06-996
5.0M	4pins	120104-06-997
7.5M	4pins	120104-06-998
10M	4pins	120104-06-999

Specifications/技术参数

Number of contacts/芯数	4
Rated voltage/额定电压	250V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD /线材直径	4.6~6.0mm

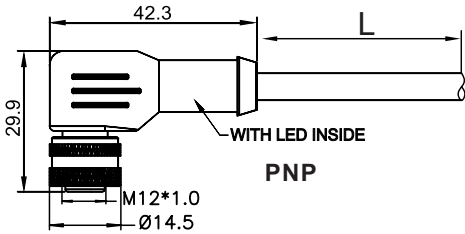
M12 Circular connectors

Female cable (90° with LED PNP)

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins

A

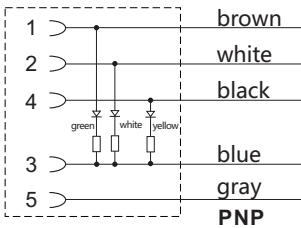
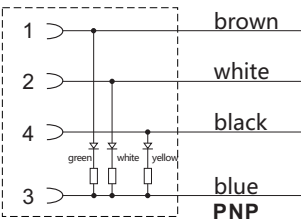


5pins

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	0.34mm ²
1.5M	4pins	120104-06-990
	5pins	120105-06-980
3.0M	4pins	120104-06-991
	5pins	120105-06-981
5.0M	4pins	120104-06-992
	5pins	120105-06-982
7.5M	4pins	120104-06-993
	5pins	120105-06-983
10M	4pins	120104-06-994
	5pins	120105-06-984

Specifications/技术参数

Number of contacts/芯数	4	5
Rated voltage/额定电压	250V	60V
Rated current (40°C)/额定电流	4A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	
Cable OD /线材直径	4.6~6.0mm	

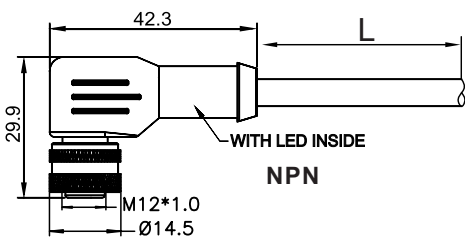
M12 Circular connectors

Female cable (90° with LED NPN)

Product figure



Scale diagram



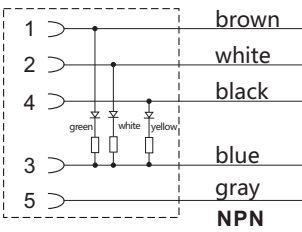
Contact layout/针孔排布 (Front view/前视图)

5pins

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	0.34mm ²
1.5M	5pins	120105-06-985
3.0M	5pins	120105-06-986
5.0M	5pins	120105-06-987
7.5M	5pins	120105-06-988
10M	5pins	120105-06-989

Specifications/技术参数

Number of contacts/芯数	4	5
Rated voltage/额定电压	250V	60V
Rated current (40°C)/额定电流	4A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	
Cable OD /线材直径	4.6~6.0mm	

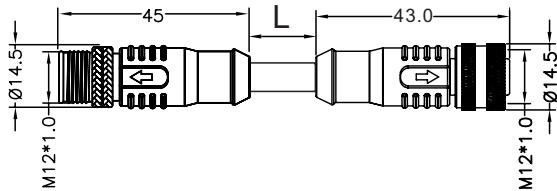
M12 Circular connectors

Male to female cable

Product figure (M12-M12)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	3pins	0.34mm ²	120103-56-601	120103-56-641	120103-56-621	120103-56-661
	4pins	0.34mm ²	120104-56-601	120104-56-641	120104-56-621	120104-56-661
0.6M	3pins	0.34mm ²	120103-56-602	120103-56-642	120103-56-622	120103-56-662
	4pins	0.34mm ²	120104-56-602	120104-56-642	120104-56-622	120104-56-662
1.0M	3pins	0.34mm ²	120103-56-603	120103-56-643	120103-56-623	120103-56-663
	4pins	0.34mm ²	120104-56-603	120104-56-643	120104-56-623	120104-56-663
2.0M	3pins	0.34mm ²	120103-56-604	120103-56-644	120103-56-624	120103-56-664
	4pins	0.34mm ²	120104-56-604	120104-56-644	120104-56-624	120104-56-664

Specifications/技术参数

Number of contacts/芯数	3	4
Rated voltage/额定电压	250V	
Rated current (40°C)/额定电流	4A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	
Cable OD /线材直径	4.5~5.0mm	4.6~6.0mm

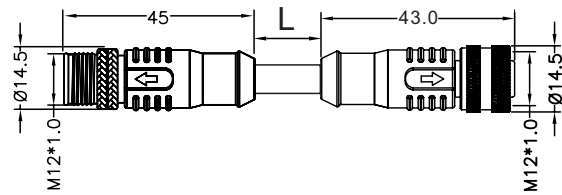
M12 Circular connectors

Male to female cable

Product figure (M12-M12)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	5pins	0.34mm ²	120105-56-601	120105-56-641	120105-56-621	120105-56-661
	8pins	0.25mm ²	120108-56-601	120108-56-641	120108-56-621	120108-56-661
0.6M	5pins	0.34mm ²	120105-56-602	120105-56-642	120105-56-622	120105-56-662
	8pins	0.25mm ²	120108-56-602	120108-56-642	120108-56-622	120108-56-662
1.0M	5pins	0.34mm ²	120105-56-603	120105-56-643	120105-56-623	120105-56-663
	8pins	0.25mm ²	120108-56-603	120108-56-643	120108-56-623	120108-56-663
2.0M	5pins	0.34mm ²	120105-56-604	120105-56-644	120105-56-624	120105-56-664
	8pins	0.25mm ²	120108-56-604	120108-56-644	120108-56-624	120108-56-664

Specifications/技术参数

Number of contacts/芯数	5	8
Rated voltage/额定电压	60V	30V
Rated current (40°C)/额定电流	4A	2A
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C~+80°C	
Cable OD /线材直径	5.8~6.0mm	6.5mm

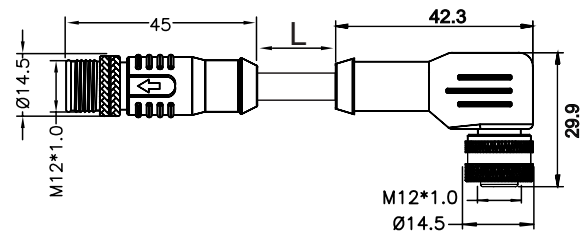
M12 Circular connectors

Male to R/A female cable

Product figure (M12-M12)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	3pins	0.34mm ²	120103-56-701	120103-56-741	120103-56-721	120103-56-761
	4pins	0.34mm ²	120104-56-701	120104-56-741	120104-56-721	120104-56-761
0.6M	3pins	0.34mm ²	120103-56-702	120103-56-742	120103-56-722	120103-56-762
	4pins	0.34mm ²	120104-56-702	120104-56-742	120104-56-722	120104-56-762
1.0M	3pins	0.34mm ²	120103-56-703	120103-56-743	120103-56-723	120103-56-763
	4pins	0.34mm ²	120104-56-703	120104-56-743	120104-56-723	120104-56-763
2.0M	3pins	0.34mm ²	120103-56-704	120103-56-744	120103-56-724	120103-56-764
	4pins	0.34mm ²	120104-56-704	120104-56-744	120104-56-724	120104-56-764

Specifications/技术参数

Number of contacts/芯数	3	4
Rated voltage/额定电压	250V	
Rated current (40°C)/额定电流	4A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	
Cable OD /线材直径	4.5~5.0mm	4.6~6.0mm

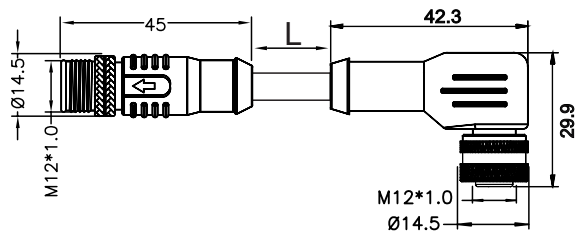
M12 Circular connectors

Male to R/A female cable

Product figure (M12-M12)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	5pins	0.34mm ²	120105-56-701	120105-56-741	120105-56-721	120105-56-761
	8pins	0.25mm ²	120108-56-701	120108-56-741	120108-56-721	120108-56-761
0.6M	5pins	0.34mm ²	120105-56-702	120105-56-742	120105-56-722	120105-56-762
	8pins	0.25mm ²	120108-56-702	120108-56-742	120108-56-722	120108-56-762
1.0M	5pins	0.34mm ²	120105-56-703	120105-56-743	120105-56-723	120105-56-763
	8pins	0.25mm ²	120108-56-703	120108-56-743	120108-56-723	120108-56-763
2.0M	5pins	0.34mm ²	120105-56-704	120105-56-744	120105-56-724	120105-56-764
	8pins	0.25mm ²	120108-56-704	120108-56-744	120108-56-724	120108-56-764

Specifications/技术参数

Number of contacts/芯数	5	8
Rated voltage/额定电压	60V	30V
Rated current (40°C)/额定电流	4A	2A
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	
Cable OD /线材直径	5.8~6.0mm	6.5mm

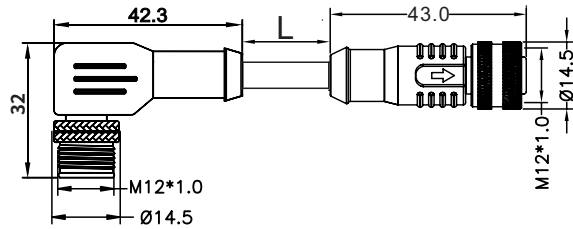
M12 Circular connectors

R/A male to female cable

Product figure (M12-M12)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	3pins	0.34mm ²	120103-56-801	120103-56-841	120103-56-821	120103-56-861
	4pins	0.34mm ²	120104-56-801	120104-56-841	120104-56-821	120104-56-861
0.6M	3pins	0.34mm ²	120103-56-802	120103-56-842	120103-56-822	120103-56-862
	4pins	0.34mm ²	120104-56-802	120104-56-842	120104-56-822	120104-56-862
1.0M	3pins	0.34mm ²	120103-56-803	120103-56-843	120103-56-823	120103-56-863
	4pins	0.34mm ²	120104-56-803	120104-56-843	120104-56-823	120104-56-863
2.0M	3pins	0.34mm ²	120103-56-804	120103-56-844	120103-56-824	120103-56-864
	4pins	0.34mm ²	120104-56-804	120104-56-844	120104-56-824	120104-56-864

Specifications/技术参数

Number of contacts/芯数	3	4
Rated voltage/额定电压	250V	
Rated current (40°C)/额定电流	4A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	
Cable OD /线材直径	4.5~5.0mm	4.6~6.0mm

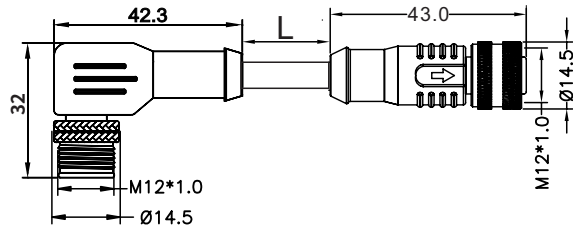
M12 Circular connectors

R/A male to female cable

Product figure (M12-M12)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	5pins	0.34mm ²	120105-56-801	120105-56-841	120105-56-821	120105-56-861
	8pins	0.25mm ²	120108-56-801	120108-56-841	120108-56-821	120108-56-861
0.6M	5pins	0.34mm ²	120105-56-802	120105-56-842	120105-56-822	120105-56-862
	8pins	0.25mm ²	120108-56-802	120108-56-842	120108-56-822	120108-56-862
1.0M	5pins	0.34mm ²	120105-56-803	120105-56-843	120105-56-823	120105-56-863
	8pins	0.25mm ²	120108-56-803	120108-56-843	120108-56-823	120108-56-863
2.0M	5pins	0.34mm ²	120105-56-804	120105-56-844	120105-56-824	120105-56-864
	8pins	0.25mm ²	120108-56-804	120108-56-844	120108-56-824	120108-56-864

Specifications/技术参数

Number of contacts/芯数	5	8
Rated voltage/额定电压	60V	30V
Rated current (40°C)/额定电流	4A	2A
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	
Cable OD /线材直径	5.8~6.0mm	6.5mm

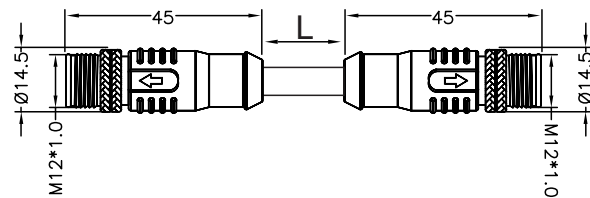
M12 Circular connectors

Male to male cable

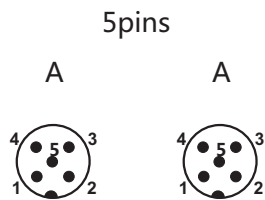
Product figure (M12-M12)



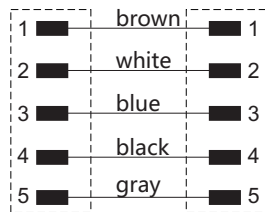
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图

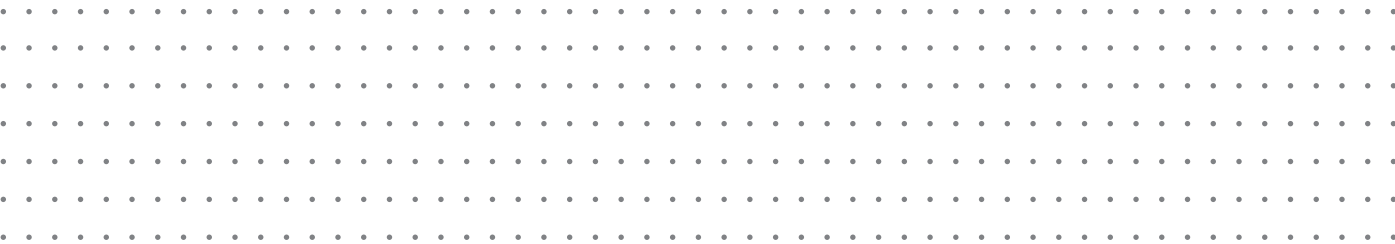


Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	5pins	0.34mm ²	120105-55-601	120105-55-641	120105-55-621	120105-55-661
0.6M	5pins	0.34mm ²	120105-55-602	120105-55-642	120105-55-622	120105-55-662
1.0M	5pins	0.34mm ²	120105-55-603	120105-55-643	120105-55-623	120105-55-663
2.0M	5pins	0.34mm ²	120105-55-604	120105-55-644	120105-55-624	120105-55-664

Specifications/技术参数

Number of contacts/芯数	5
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD /线材直径	5.8-6.0mm



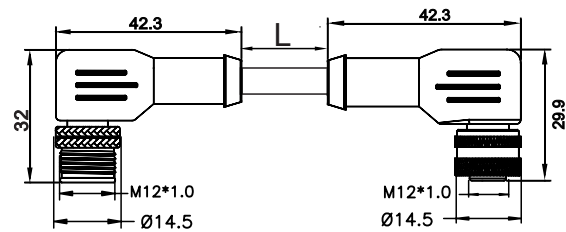
M12 Circular connectors

R/A male to R/A female cable

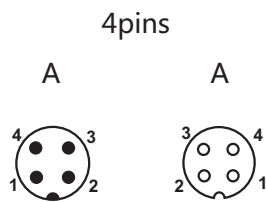
Product figure (M12-M12)



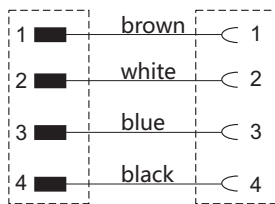
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图

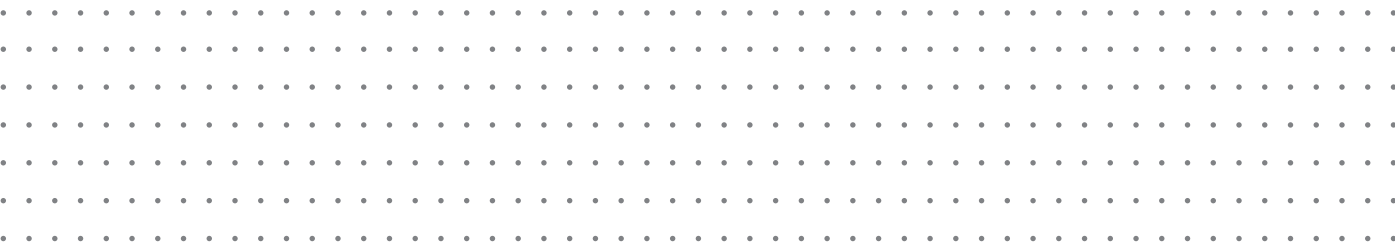


Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	4pins	0.34mm ²	120104-56-901	120104-56-941	120104-56-921	120104-56-961
0.6M	4pins	0.34mm ²	120104-56-902	120104-56-942	120104-56-922	120104-56-962
1.0M	4pins	0.34mm ²	120104-56-903	120104-56-943	120104-56-923	120104-56-963
2.0M	4pins	0.34mm ²	120104-56-904	120104-56-944	120104-56-924	120104-56-964

Specifications/技术参数

Number of contacts/芯数	4
Rated voltage/额定电压	250V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD /线材直径	4.6~6.0mm



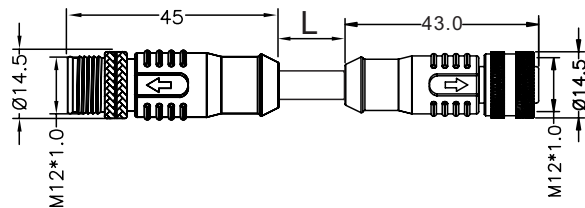
M12 Circular connectors

Male to female cable (with shield)

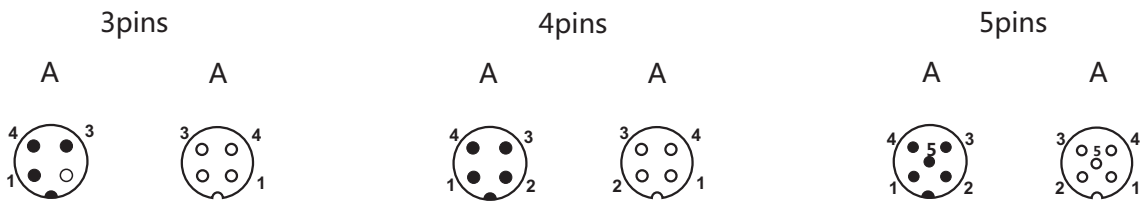
Product figure (M12-M12)



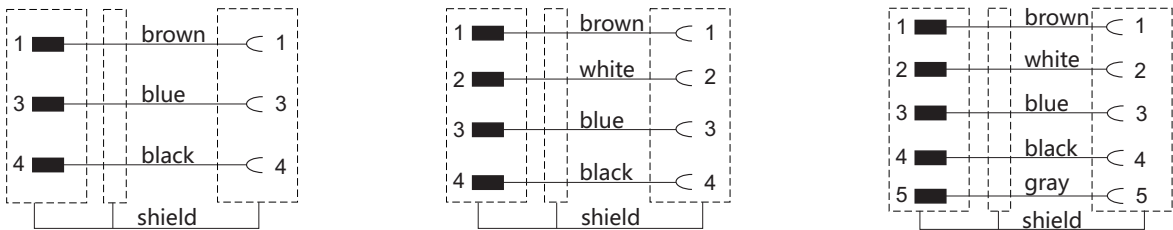
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC+AEB		PUR+AEB	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	3pins	0.34mm ²	120103-56-611	120103-56-651	120103-56-631	120103-56-671
	4pins	0.34mm ²	120104-56-611	120104-56-651	120104-56-631	120104-56-671
	5pins	0.34mm ²	120105-56-611	120105-56-651	120105-56-631	120105-56-671
0.6M	3pins	0.34mm ²	120103-56-612	120103-56-652	120103-56-632	120103-56-672
	4pins	0.34mm ²	120104-56-612	120104-56-652	120104-56-632	120104-56-672
	5pins	0.34mm ²	120105-56-612	120105-56-652	120105-56-632	120105-56-672
1.0M	3pins	0.34mm ²	120103-56-613	120103-56-653	120103-56-633	120103-56-673
	4pins	0.34mm ²	120104-56-613	120104-56-653	120104-56-633	120104-56-673
	5pins	0.34mm ²	120105-56-613	120105-56-653	120105-56-633	120105-56-673
2.0M	3pins	0.34mm ²	120103-56-614	120103-56-654	120103-56-634	120103-56-674
	4pins	0.34mm ²	120104-56-614	120104-56-654	120104-56-634	120104-56-674
	5pins	0.34mm ²	120105-56-614	120105-56-654	120105-56-634	120105-56-674

Specifications/技术参数

Number of contacts/芯数	3	4	5
Rated voltage/额定电压	250V		60V
Rated current (40°C)/额定电流	4A		
Protection degree/防护等级	IP67/IP68		
Operating temperature/工作温度	-25°C ~ +80°C		
Cable OD/线材直径	4.6~5.0mm	5.0~6.0mm	6.0~7.0mm

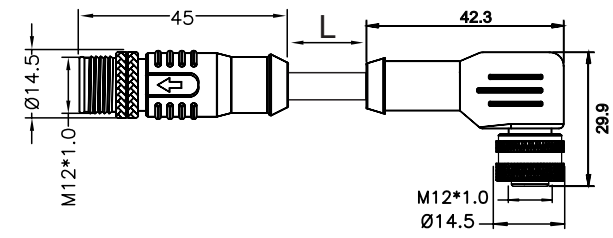
M12 Circular connectors

Male to R/A female cable (with shield)

Product figure (M12-M12)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC+AEB		PUR+AEB	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	5pins	0.34mm ²	120105-56-711	120105-56-751	120105-56-731	120105-56-771
	8pins	0.25mm ²	120108-56-711	120108-56-751	120108-56-731	120108-56-771
0.6M	5pins	0.34mm ²	120105-56-712	120105-56-752	120105-56-732	120105-56-772
	8pins	0.25mm ²	120108-56-712	120108-56-752	120108-56-732	120108-56-772
1.0M	5pins	0.34mm ²	120105-56-713	120105-56-753	120105-56-733	120105-56-773
	8pins	0.25mm ²	120108-56-713	120108-56-753	120108-56-733	120108-56-773
2.0M	5pins	0.34mm ²	120105-56-714	120105-56-754	120105-56-734	120105-56-774
	8pins	0.25mm ²	120108-56-714	120108-56-754	120108-56-734	120108-56-774

Specifications/技术参数

Number of contacts/芯数	5	8
Rated voltage/额定电压	60V	30V
Rated current (40°C)/额定电流	4A	2A
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	
Cable OD/线材直径	6.0~7.0mm	5.5~6.0mm

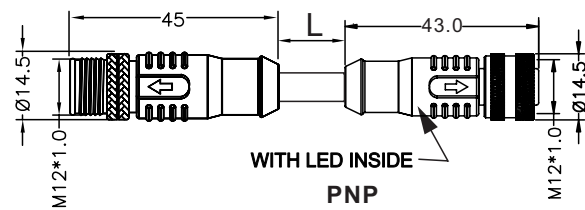
M12 Circular connectors

Male to female cable (with LED PNP)

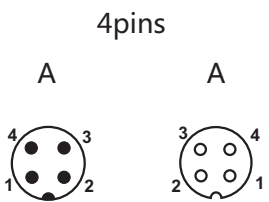
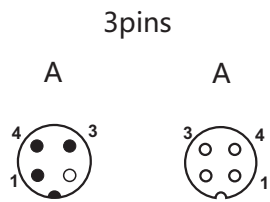
Product figure (M12-M12)



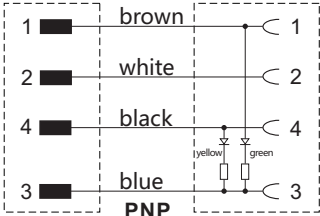
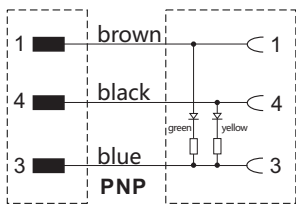
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	0.34mm ²
0.3M	3pins	120103-56-680
	4pins	120104-56-680
0.6M	3pins	120103-56-681
	4pins	120104-56-681
1.0M	3pins	120103-56-682
	4pins	120104-56-682
2.0M	3pins	120103-56-683
	4pins	120104-56-683

Specifications/技术参数

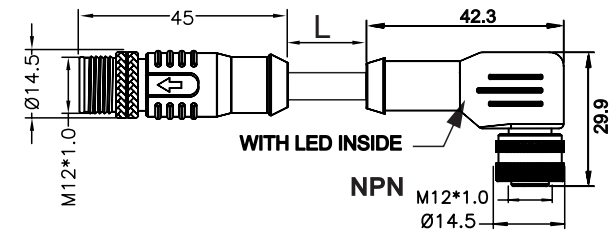
Number of contacts/芯数	3	4
Rated voltage/额定电压	250V	
Rated current (40°C)/额定电流	4A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C~+80°C	
Cable OD/线材直径	4.6~5.0mm	4.6~6.0mm

Male to R/A female cable (with LED NPN)

Product figure (M12-M12)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	0.34mm ²
0.3M	3pins	120103-56-780
	4pins	120104-56-780
0.6M	3pins	120103-56-781
	4pins	120104-56-781
1.0M	3pins	120103-56-782
	4pins	120104-56-782
2.0M	3pins	120103-56-783
	4pins	120104-56-783

Specifications/技术参数

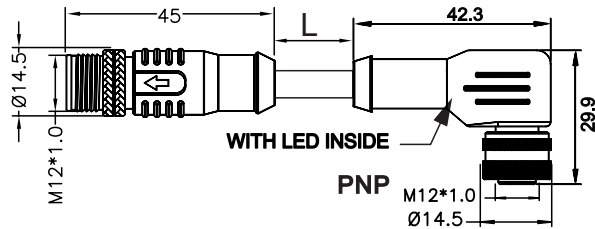
Number of contacts/芯数	3	4
Rated voltage/额定电压	250V	
Rated current (40°C)/额定电流	4A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C~+80°C	
Cable OD/线材直径	4.6~5.0mm	4.6~6.0mm

Male to R/A female cable (with LED PNP)

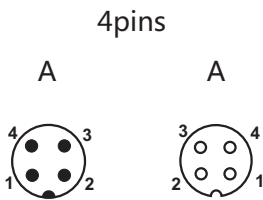
Product figure (M12-M12)



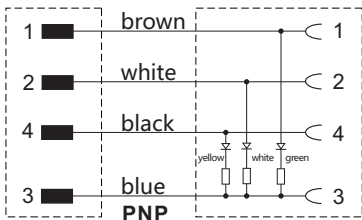
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	0.34mm ²
0.3M	4pins	120104-56-784
0.6M	4pins	120104-56-785
1.0M	4pins	120104-56-786
2.0M	4pins	120104-56-787

Specifications/技术参数

Number of contacts/芯数	4
Rated voltage/额定电压	250V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	4.6~6.0mm

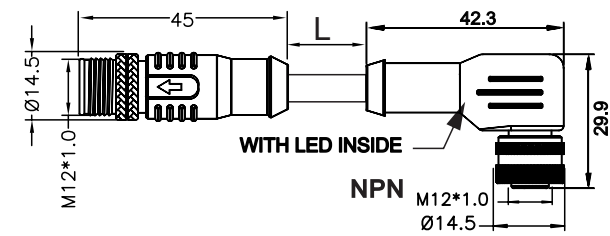
M12 Circular connectors

Male to R/A female cable (with LED NPN)

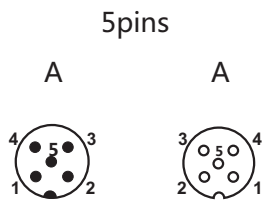
Product figure (M12-M12)



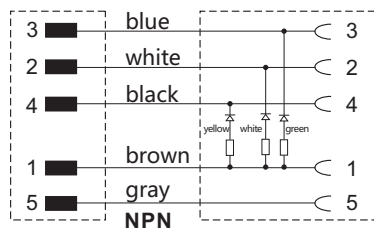
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	0.34mm ²
0.3M	5pins	120105-56-780
0.6M	5pins	120105-56-781
1.0M	5pins	120105-56-782
2.0M	5pins	120105-56-783

Specifications/技术参数

Number of contacts/芯数	5
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	4.6~6.0mm

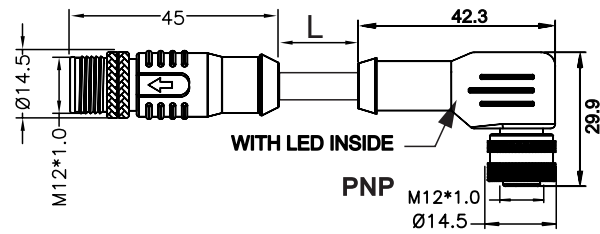
M12 Circular connectors

Male to R/A female cable (with LED PNP)

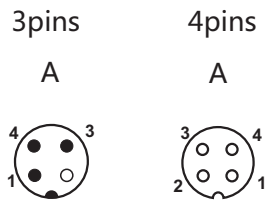
Product figure (M12-M12)



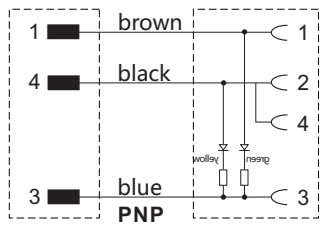
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	0.34mm ²
0.3M	3-4pins	120134-56-780
0.6M	3-4pins	120134-56-781
1.0M	3-4pins	120134-56-782
2.0M	3-4pins	120134-56-783

Specifications/技术参数

Number of contacts/芯数	3-4
Rated voltage/额定电压	250V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C~+80°C
Cable OD/线材直径	4.6~5.0mm



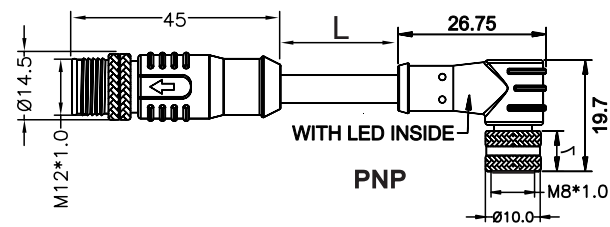
M12 Circular connectors

Male to R/A female cable (with LED PNP)

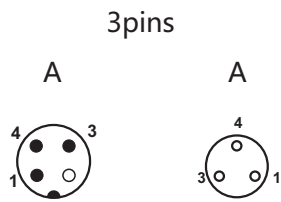
Product figure (M12-M8)



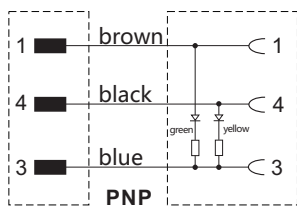
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	0.34mm ²
0.3M	3pins	280103-56-780
0.6M	3pins	280103-56-781
1.0M	3pins	280103-56-782
2.0M	3pins	280103-56-783

Specifications/技术参数

Number of contacts/芯数	3
Rated voltage/额定电压	250V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	4.6mm



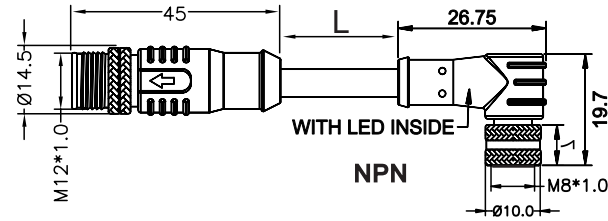
M12 Circular connectors

Male to R/A female cable (with LED NPN)

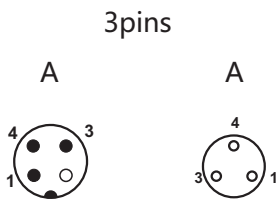
Product figure (M12-M8)



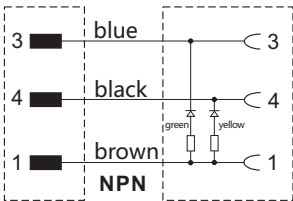
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	0.34mm ²
0.3M	3pins	280103-56-784
0.6M	3pins	280103-56-785
1.0M	3pins	280103-56-786
2.0M	3pins	280103-56-787

Specifications/技术参数

Number of contacts/芯数	3
Rated voltage/额定电压	250V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	4.6mm



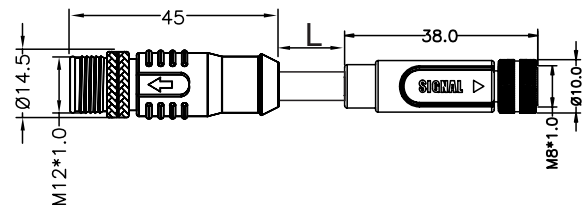
M12 Circular connectors

Male to female cable

Product figure (M12-M8)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	3pins	0.25mm ²	280103-56-601	280103-56-641	280103-56-621	280103-56-661
	4pins	0.25mm ²	280104-56-601	280104-56-641	280104-56-621	280104-56-661
0.6M	3pins	0.25mm ²	280103-56-602	280103-56-642	280103-56-622	280103-56-662
	4pins	0.25mm ²	280104-56-602	280104-56-642	280104-56-622	280104-56-662
1.0M	3pins	0.25mm ²	280103-56-603	280103-56-643	280103-56-623	280103-56-663
	4pins	0.25mm ²	280104-56-603	280104-56-643	280104-56-623	280104-56-663
2.0M	3pins	0.25mm ²	280103-56-604	280103-56-644	280103-56-624	280103-56-664
	4pins	0.25mm ²	280104-56-604	280104-56-644	280104-56-624	280104-56-664

Specifications/技术参数

Number of contacts/芯数	3	4
Rated voltage/额定电压	60V	
Rated current (40°C)/额定电流	3A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	
Cable OD/线材直径	4.6mm	4.6~6.0mm

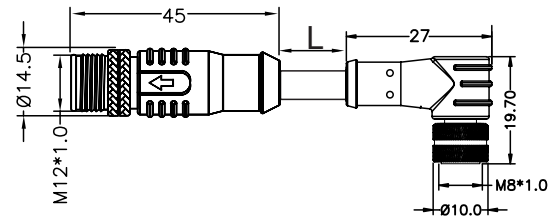
M12 Circular connectors

Male to R/A female cable

Product figure (M12-M8)

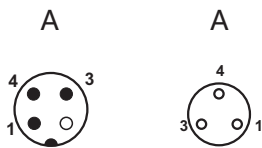


Scale diagram

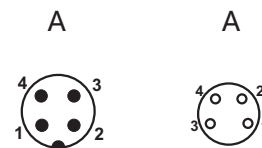


Contact layout/针孔排布 (Front view/前视图)

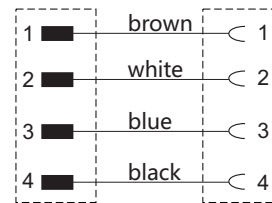
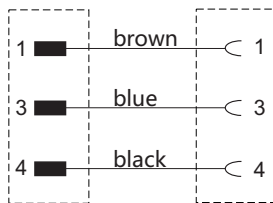
3pins



4pins



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	3pins	0.25mm ²	280103-56-701	280103-56-741	280103-56-721	280103-56-761
	4pins	0.25mm ²	280104-56-701	280104-56-741	280104-56-721	280104-56-761
0.6M	3pins	0.25mm ²	280103-56-702	280103-56-742	280103-56-722	280103-56-762
	4pins	0.25mm ²	280104-56-702	280104-56-742	280104-56-722	280104-56-762
1.0M	3pins	0.25mm ²	280103-56-703	280103-56-743	280103-56-723	280103-56-763
	4pins	0.25mm ²	280104-56-703	280104-56-743	280104-56-723	280104-56-763
2.0M	3pins	0.25mm ²	280103-56-704	280103-56-744	280103-56-724	280103-56-764
	4pins	0.25mm ²	280104-56-704	280104-56-744	280104-56-724	280104-56-764

Specifications/技术参数

Number of contacts/芯数	3	4
Rated voltage/额定电压	60V	
Rated current (40°C)/额定电流	3A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	
Cable OD/线材直径	4.6mm	4.6~6.0mm

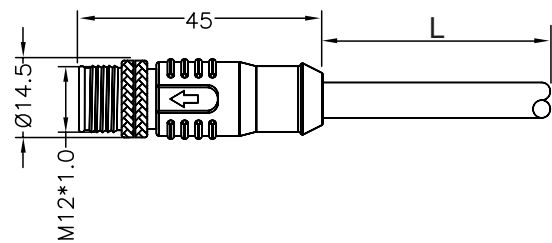
M12 Circular connectors

Male cable (C-coded)

Product figure



Scale diagram



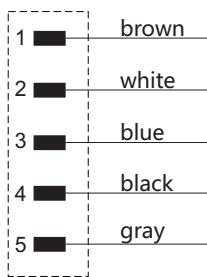
Contact layout/针孔排布 (Front view/前视图)

5pins

C



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
1.5M	5pins	0.34mm ²	120305-05-601	120305-05-641	120305-05-621	120305-05-661
3.0M	5pins	0.34mm ²	120305-05-602	120305-05-642	120305-05-622	120305-05-662
5.0M	5pins	0.34mm ²	120305-05-603	120305-05-643	120305-05-623	120305-05-663
7.5M	5pins	0.34mm ²	120305-05-604	120305-05-644	120305-05-624	120305-05-664
10M	5pins	0.34mm ²	120305-05-605	120305-05-645	120305-05-625	120305-05-665

Specifications/技术参数

Number of contacts/芯数	5
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	2A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	5.8~6.0mm

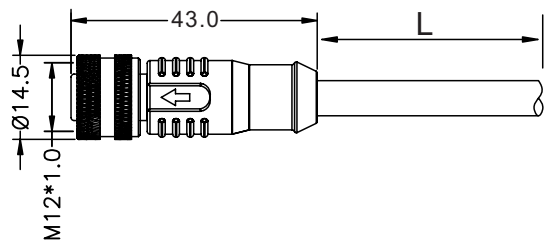
M12 Circular connectors

Female cable (C-coded)

Product figure



Scale diagram



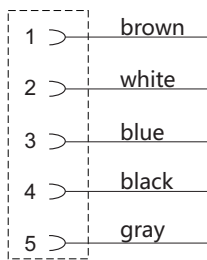
Contact layout/针孔排布 (Front view/前视图)

5pins

C



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
1.5M	5pins	0.34mm ²	120305-06-601	120305-06-641	120305-06-621	120305-06-661
3.0M	5pins	0.34mm ²	120305-06-602	120305-06-642	120305-06-622	120305-06-662
5.0M	5pins	0.34mm ²	120305-06-603	120305-06-643	120305-06-623	120305-06-663
7.5M	5pins	0.34mm ²	120305-06-604	120305-06-644	120305-06-624	120305-06-664
10M	5pins	0.34mm ²	120305-06-605	120305-06-645	120305-06-625	120305-06-665

Specifications/技术参数

Number of contacts/芯数	5
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	2A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	5.8~6.0mm

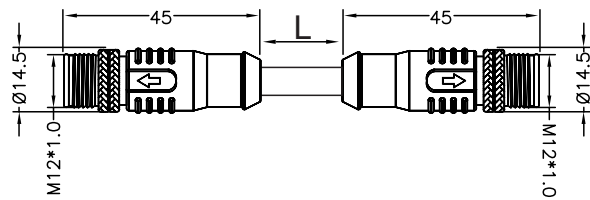
M12 Circular connectors

Male to Male cable (C-coded)

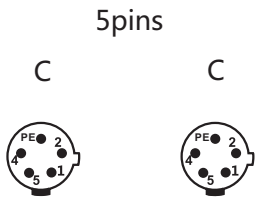
Product figure



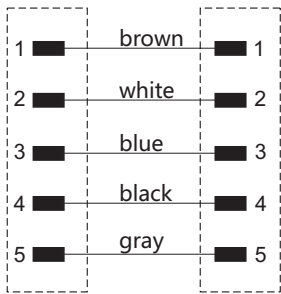
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	5pins	0.34mm ²	120305-55-601	120305-55-641	120305-55-621	120305-55-661
0.6M	5pins	0.34mm ²	120305-55-602	120305-55-642	120305-55-622	120305-55-662
1.0M	5pins	0.34mm ²	120305-55-603	120305-55-643	120305-55-623	120305-55-663
2.0M	5pins	0.34mm ²	120305-55-604	120305-55-644	120305-55-624	120305-55-664

Specifications/技术参数

Number of contacts/芯数	5
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	2A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	5.8~6.0mm

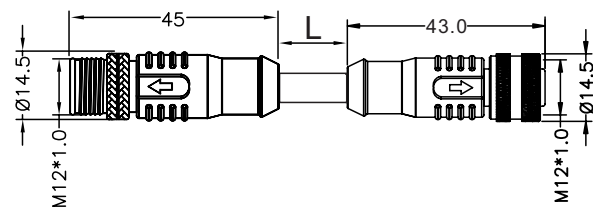
M12 Circular connectors

Male to Female cable (C-coded)

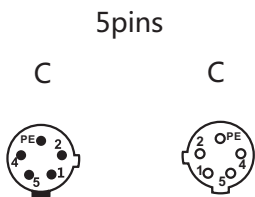
Product figure



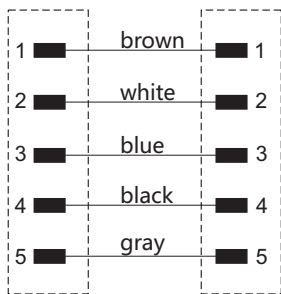
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	5pins	0.34mm ²	120305-56-601	120305-56-641	120305-56-621	120305-56-661
0.6M	5pins	0.34mm ²	120305-56-602	120305-56-642	120305-56-622	120305-56-662
1.0M	5pins	0.34mm ²	120305-56-603	120305-56-643	120305-56-623	120305-56-663
2.0M	5pins	0.34mm ²	120305-56-604	120305-56-644	120305-56-624	120305-56-664

Specifications/技术参数

Number of contacts/芯数	5
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	2A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	5.8~6.0mm

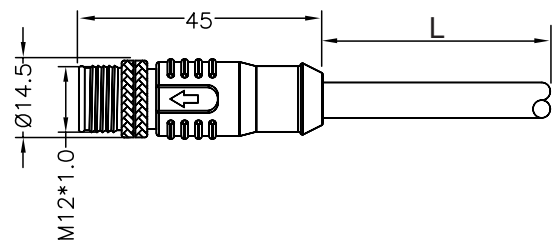
M12 Circular connectors

Male cable (S-coded)

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

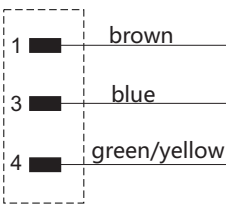
3pins
S



4pins
S



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
1.5M	3pins	1.5mm ²	120503-05-601	120503-05-641	120503-05-621	120503-05-661
	4pins	1.5mm ²	120504-05-601	120504-05-641	120504-05-621	120504-05-661
3.0M	3pins	1.5mm ²	120503-05-602	120503-05-642	120503-05-622	120503-05-662
	4pins	1.5mm ²	120504-05-602	120504-05-642	120504-05-622	120504-05-662
5.0M	3pins	1.5mm ²	120503-05-603	120503-05-643	120503-05-623	120503-05-663
	4pins	1.5mm ²	120504-05-603	120504-05-643	120504-05-623	120504-05-663
7.5M	3pins	1.5mm ²	120503-05-604	120503-05-644	120503-05-624	120503-05-664
	4pins	1.5mm ²	120504-05-604	120504-05-644	120504-05-624	120504-05-664
10M	3pins	1.5mm ²	120503-05-605	120503-05-645	120503-05-625	120503-05-665
	4pins	1.5mm ²	120504-05-605	120504-05-645	120504-05-625	120504-05-665

Specifications/技术参数

Number of contacts/芯数	3	4
Rated voltage/额定电压	630V	
Rated current (40°C)/额定电流	12A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-40°C ~ +80°C	
Cable OD/线材直径	7.5mm	8.0mm

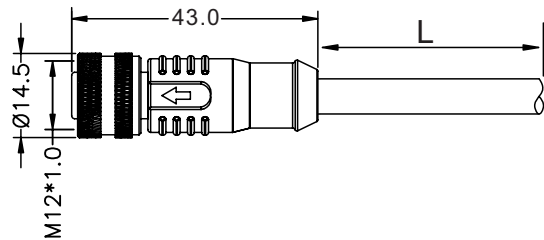
M12 Circular connectors

Female cable (S-coded)

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

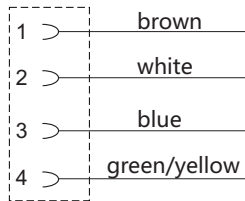
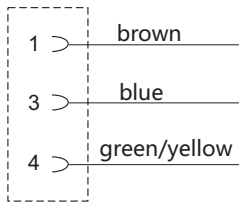
3pins
S



4pins
S



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
1.5M	3pins	1.5mm ²	120503-06-601	120503-06-641	120503-06-621	120503-06-661
	4pins	1.5mm ²	120504-06-601	120504-06-641	120504-06-621	120504-06-661
3.0M	3pins	1.5mm ²	120503-06-602	120503-06-642	120503-06-622	120503-06-662
	4pins	1.5mm ²	120504-06-602	120504-06-642	120504-06-622	120504-06-662
5.0M	3pins	1.5mm ²	120503-06-603	120503-06-643	120503-06-623	120503-06-663
	4pins	1.5mm ²	120504-06-603	120504-06-643	120504-06-623	120504-06-663
7.5M	3pins	1.5mm ²	120503-06-604	120503-06-644	120503-06-624	120503-06-664
	4pins	1.5mm ²	120504-06-604	120504-06-644	120504-06-624	120504-06-664
10M	3pins	1.5mm ²	120503-06-605	120503-06-645	120503-06-625	120503-06-665
	4pins	1.5mm ²	120504-06-605	120504-06-645	120504-06-625	120504-06-665

Specifications/技术参数

Number of contacts/芯数	3	4
Rated voltage/额定电压	630V	
Rated current (40°C)/额定电流	12A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-40°C ~ +80°C	
Cable OD/线材直径	7.5mm	8.0mm

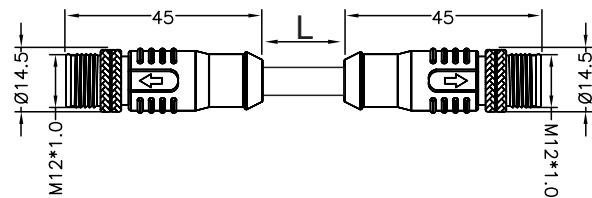
M12 Circular connectors

Male to male cable (S-coded)

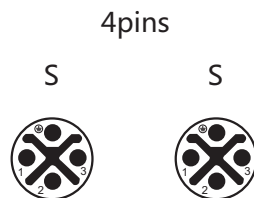
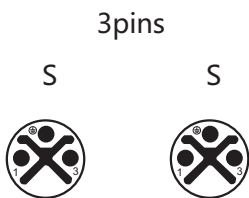
Product figure



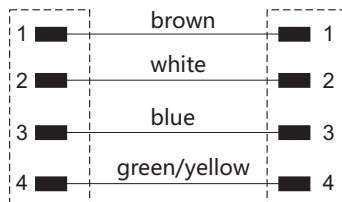
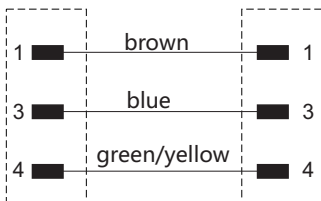
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	3pins	1.5mm ²	120503-55-601	120503-55-641	120503-55-621	120503-55-661
	4pins	1.5mm ²	120504-55-601	120504-55-641	120504-55-621	120504-55-661
0.6M	3pins	1.5mm ²	120503-55-602	120503-55-642	120503-55-622	120503-55-662
	4pins	1.5mm ²	120504-55-602	120504-55-642	120504-55-622	120504-55-662
1.0M	3pins	1.5mm ²	120503-55-603	120503-55-643	120503-55-623	120503-55-663
	4pins	1.5mm ²	120504-55-603	120504-55-643	120504-55-623	120504-55-663
2.0M	3pins	1.5mm ²	120503-55-604	120503-55-644	120503-55-624	120503-55-664
	4pins	1.5mm ²	120504-55-604	120504-55-644	120504-55-624	120504-55-664

Specifications/技术参数

Number of contacts/芯数	3	4
Rated voltage/额定电压	630V	
Rated current (40°C)/额定电流	12A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-40°C ~ +80°C	
Cable OD/线材直径	7.5mm	8.0mm

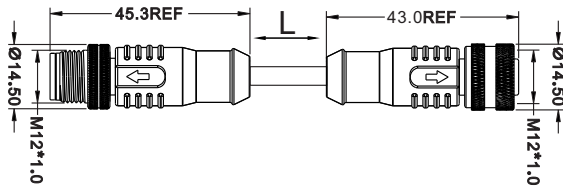
M12 Circular connectors

Male to female cable (S-coded)

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	3pins	1.5mm ²	120503-56-601	120503-56-641	120503-56-621	120503-56-661
	4pins	1.5mm ²	120504-56-601	120504-56-641	120504-56-621	120504-56-661
0.6M	3pins	1.5mm ²	120503-56-602	120503-56-642	120503-56-622	120503-56-662
	4pins	1.5mm ²	120504-56-602	120504-56-642	120504-56-622	120504-56-662
1.0M	3pins	1.5mm ²	120503-56-603	120503-56-643	120503-56-623	120503-56-663
	4pins	1.5mm ²	120504-56-603	120504-56-643	120504-56-623	120504-56-663
2.0M	3pins	1.5mm ²	120503-56-604	120503-56-644	120503-56-624	120503-56-664
	4pins	1.5mm ²	120504-56-604	120504-56-644	120504-56-624	120504-56-664

Specifications/技术参数

Number of contacts/芯数	3	4
Rated voltage/额定电压	630V	
Rated current (40°C)/额定电流	12A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-40°C ~ +80°C	
Cable OD/线材直径	7.5mm	8.0mm

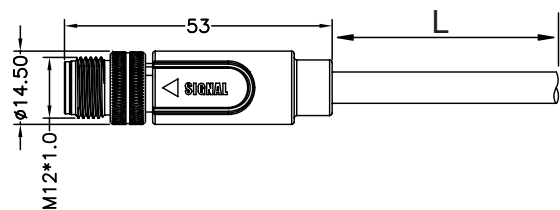
M12 Circular connectors

Male cable (T-coded)

Product figure



Scale diagram

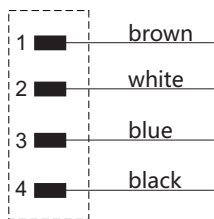


Contact layout/针孔排布 (Front view/前视图)

4pins
T



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
1.5M	4pins	1.5mm ²	120604-05-601	120604-05-641	120604-05-621	120604-05-661
3.0M	4pins	1.5mm ²	120604-05-602	120604-05-642	120604-05-622	120604-05-662
5.0M	4pins	1.5mm ²	120604-05-603	120604-05-643	120604-05-623	120604-05-663
7.5M	4pins	1.5mm ²	120604-05-604	120604-05-644	120604-05-624	120604-05-664
10M	4pins	1.5mm ²	120604-05-605	120604-05-645	120604-05-625	120604-05-665

Specifications/技术参数

Number of contacts/芯数	4
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	12A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-40°C ~ +80°C
Cable OD/线材直径	8.0mm

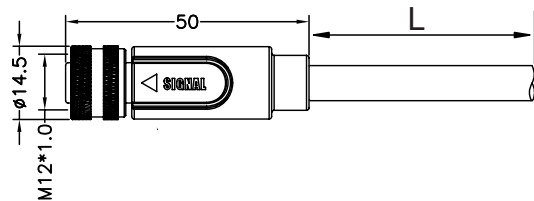
M12 Circular connectors

Female cable (T-coded)

Product figure



Scale diagram



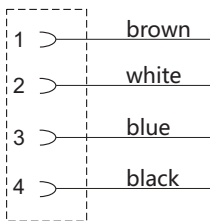
Contact layout/针孔排布 (Front view/前视图)

4pins

T



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
1.5M	4pins	1.5mm ²	120604-06-601	120604-06-641	120604-06-621	120604-06-661
3.0M	4pins	1.5mm ²	120604-06-602	120604-06-642	120604-06-622	120604-06-662
5.0M	4pins	1.5mm ²	120604-06-603	120604-06-643	120604-06-623	120604-06-663
7.5M	4pins	1.5mm ²	120604-06-604	120604-06-644	120604-06-624	120604-06-664
10M	4pins	1.5mm ²	120604-06-605	120604-06-645	120604-06-625	120604-06-665

Specifications/技术参数

Number of contacts/芯数	4
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	12A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-40°C ~ +85°C
Cable OD/线材直径	8.0mm

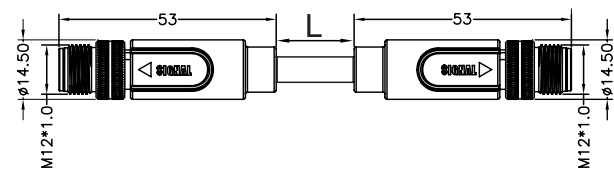
M12 Circular connectors

Male to male cable (T-coded)

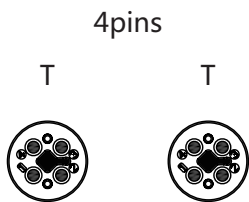
Product figure



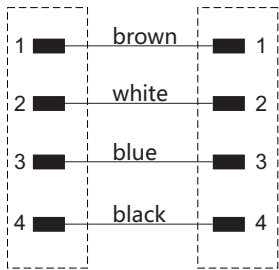
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	4pins	1.5mm ²	120604-55-601	120604-55-641	120604-55-621	120604-55-661
0.6M	4pins	1.5mm ²	120604-55-602	120604-55-642	120604-55-622	120604-55-662
1.0M	4pins	1.5mm ²	120604-55-603	120604-55-643	120604-55-623	120604-55-663
2.0M	4pins	1.5mm ²	120604-55-604	120604-55-644	120604-55-624	120604-55-664

Specifications/技术参数

Number of contacts/芯数	4
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	12A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-40°C ~ +80°C
Cable OD/线材直径	8.0mm

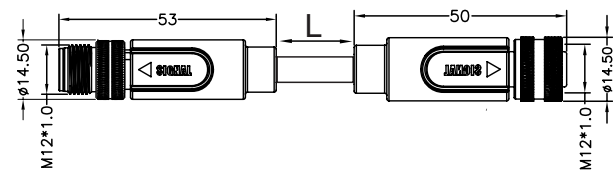
M12 Circular connectors

Male to Female cable (T-coded)

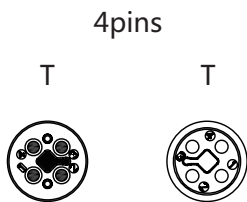
Product figure



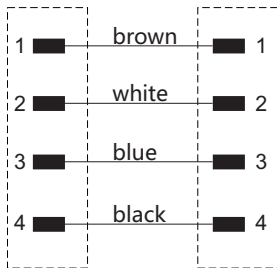
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	4pins	1.5mm ²	120604-56-601	120604-56-641	120604-56-621	120604-56-661
0.6M	4pins	1.5mm ²	120604-56-602	120604-56-642	120604-56-622	120604-56-662
1.0M	4pins	1.5mm ²	120604-56-603	120604-56-643	120604-56-623	120604-56-663
2.0M	4pins	1.5mm ²	120604-56-604	120604-56-644	120604-56-624	120604-56-664

Specifications/技术参数

Number of contacts/芯数	4
Rated voltage/额定电压	63V
Rated current (40°C)/额定电流	12A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-40°C ~ +80°C
Cable OD/线材直径	8.0mm

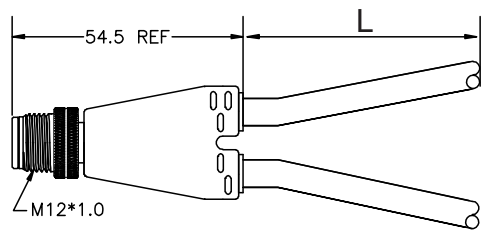
M12 Circular connectors

Y-type male cable

Product figure



Scale diagram



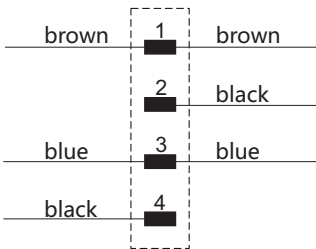
Contact layout/针孔排布 (Front view/前视图)

4pins

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	0.34mm ²
1.5M	4pins	120104-30-691
3.0M	4pins	120104-30-692
5.0M	4pins	120104-30-693
7.5M	4pins	120104-30-694
10M	4pins	120104-30-695

Specifications/技术参数

Number of contacts/芯数	4
Rated voltage/额定电压	250V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	4.6~6.0mm

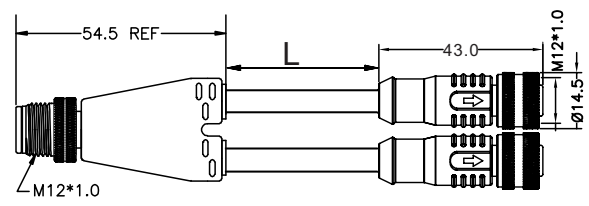
M12 Circular connectors

Y-type cable

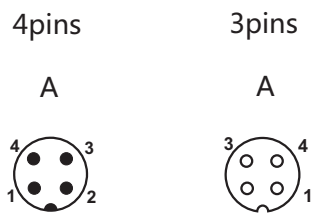
Product figure (male to dual female M12-M12)



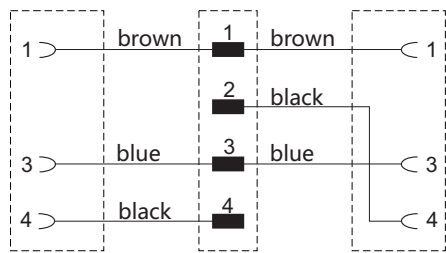
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	4-3pins	0.34mm ²	120143-30-601	120143-30-641	120143-30-621	120143-30-661
0.6M	4-3pins	0.34mm ²	120143-30-602	120143-30-642	120143-30-622	120143-30-662
1.0M	4-3pins	0.34mm ²	120143-30-603	120143-30-643	120143-30-623	120143-30-663
2.0M	4-3pins	0.34mm ²	120143-30-604	120143-30-644	120143-30-624	120143-30-664

Specifications/技术参数

Number of contacts/芯数	4-3
Rated voltage/额定电压	250V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C~+80°C
Cable OD/线材直径	4.6~6.0mm

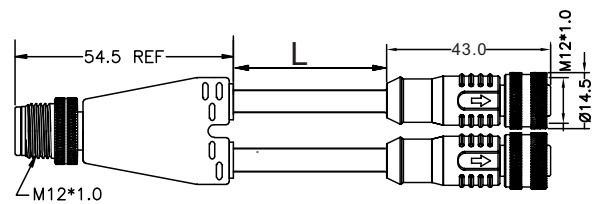
M12 Circular connectors

Y-type cable

Product figure (male to dual female M12-M12)

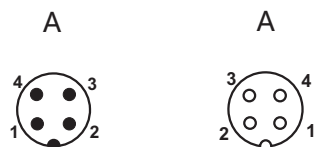


Scale diagram

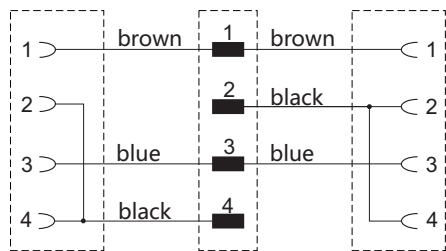


Contact layout/针孔排布 (Front view/前视图)

4pins



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	4pins	0.34mm ²	120104-30-601	120104-30-641	120104-30-621	120104-30-661
0.6M	4pins	0.34mm ²	120104-30-602	120104-30-642	120104-30-622	120104-30-662
1.0M	4pins	0.34mm ²	120104-30-603	120104-30-643	120104-30-623	120104-30-663
2.0M	4pins	0.34mm ²	120104-30-604	120104-30-644	120104-30-624	120104-30-664

Specifications/技术参数

Number of contacts/芯数	4
Rated voltage/额定电压	250V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	4.6~6.0mm

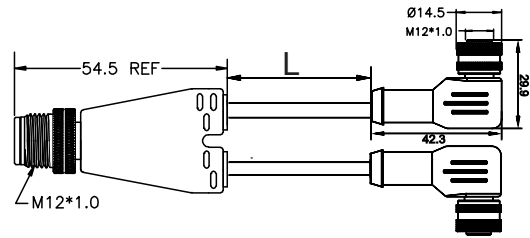
M12 Circular connectors

Y-type cable

Product figure (male to dual R/A female M12-M12)



Scale diagram



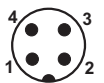
Contact layout/针孔排布 (Front view/前视图)

4pins

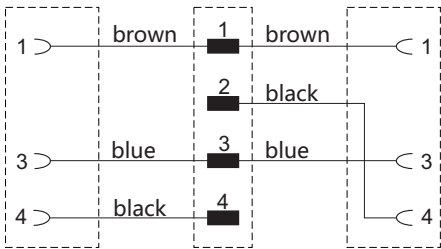
3pins

A

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	4-3pins	0.34mm ²	120143-30-701	120143-30-741	120143-30-721	120143-30-761
0.6M	4-3pins	0.34mm ²	120143-30-702	120143-30-742	120143-30-722	120143-30-762
1.0M	4-3pins	0.34mm ²	120143-30-703	120143-30-743	120143-30-723	120143-30-763
2.0M	4-3pins	0.34mm ²	120143-30-704	120143-30-744	120143-30-724	120143-30-764

Specifications/技术参数

Number of contacts/芯数	4-3
Rated voltage/额定电压	250V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C~+80°C
Cable OD/线材直径	4.6~6.0mm

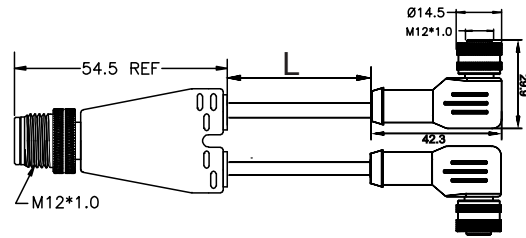
M12 Circular connectors

Y-type cable

Product figure (male to dual R/A female M12-M12)

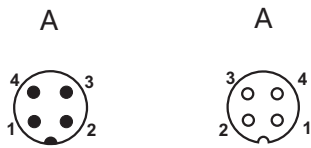


Scale diagram

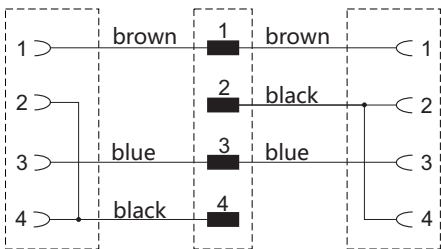


Contact layout/针孔排布 (Front view/前视图)

4pins



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	4pins	0.34mm ²	120104-30-701	120104-30-741	120104-30-721	120104-30-761
0.6M	4pins	0.34mm ²	120104-30-702	120104-30-742	120104-30-722	120104-30-762
1.0M	4pins	0.34mm ²	120104-30-703	120104-30-743	120104-30-723	120104-30-763
2.0M	4pins	0.34mm ²	120104-30-704	120104-30-744	120104-30-724	120104-30-764

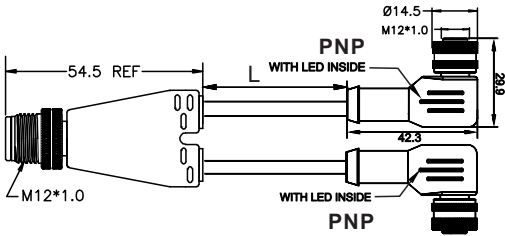
Specifications/技术参数

Number of contacts/芯数	4
Rated voltage/额定电压	250V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	4.6~6.0mm

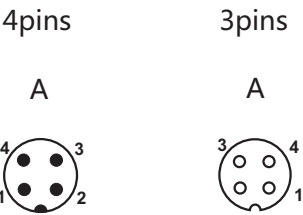
Y-type cable (with LED PNP)

Product figure (male to dual R/A female M12-M12)

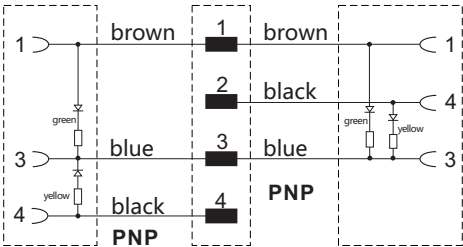
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	0.34mm ²
0.3M	4-3pins	120143-30-780
0.6M	4-3pins	120143-30-781
1.0M	4-3pins	120143-30-782
2.0M	4-3pins	120143-30-783

Specifications/技术参数

Number of contacts/芯数	4-3
Rated voltage/额定电压	250V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	4.6~6.0mm

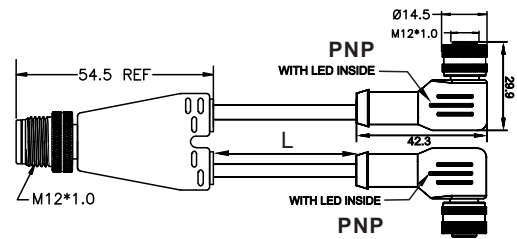
M12 Circular connectors

Y-type cable (with LED PNP)

Product figure (male to dual R/A female M12-M12)

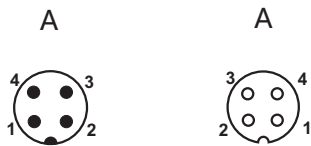


Scale diagram

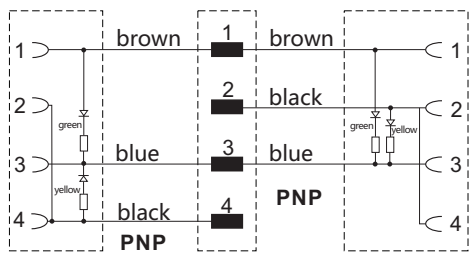


Contact layout/针孔排布 (Front view/前视图)

4pins



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	0.34mm ²
0.3M	4pins	120104-30-780
0.6M	4pins	120104-30-781
1.0M	4pins	120104-30-782
2.0M	4pins	120104-30-783

Specifications/技术参数

Number of contacts/芯数	4
Rated voltage/额定电压	250V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C~+80°C
Cable OD/线材直径	4.6~5.0mm

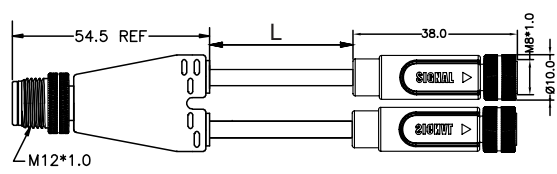
M12 Circular connectors

Y-type cable

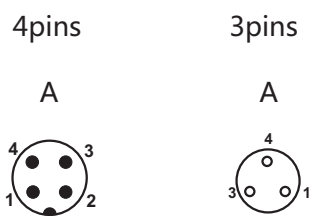
Product figure (male to dual female M12-M8)



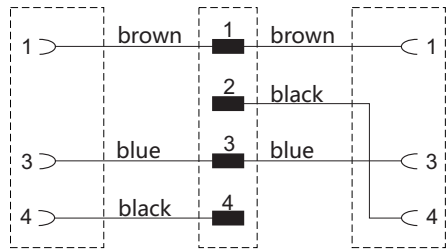
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	4-3pins	0.25mm ²	280143-30-601	280143-30-641	280143-30-621	280143-30-661
0.6M	4-3pins	0.25mm ²	280143-30-602	280143-30-642	280143-30-622	280143-30-662
1.0M	4-3pins	0.25mm ²	280143-30-603	280143-30-643	280143-30-623	280143-30-663
2.0M	4-3pins	0.25mm ²	280143-30-604	280143-30-644	280143-30-624	280143-30-664

Specifications/技术参数

Number of contacts/芯数	4-3
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	3A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C~+80°C
Cable OD/线材直径	4.6mm

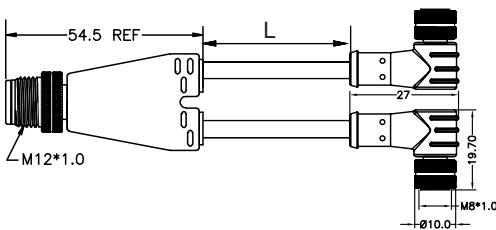
M12 Circular connectors

Y-type cable

Product figure (male to dual R/A female M12-M8)



Scale diagram



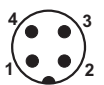
Contact layout/针孔排布 (Front view/前视图)

4pins

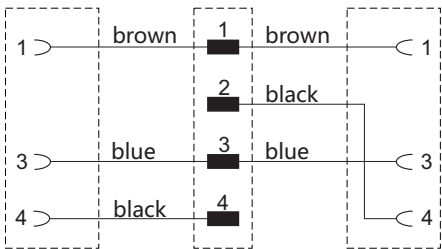
3pins

A

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
0.3M	4-3pins	0.25mm ²	280143-30-701	280143-30-741	280143-30-721	280143-30-761
0.6M	4-3pins	0.25mm ²	280143-30-702	280143-30-742	280143-30-722	280143-30-762
1.0M	4-3pins	0.25mm ²	280143-30-703	280143-30-743	280143-30-723	280143-30-763
2.0M	4-3pins	0.25mm ²	280143-30-704	280143-30-744	280143-30-724	280143-30-764

Specifications/技术参数

Number of contacts/芯数	4-3
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	3A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	4.6mm

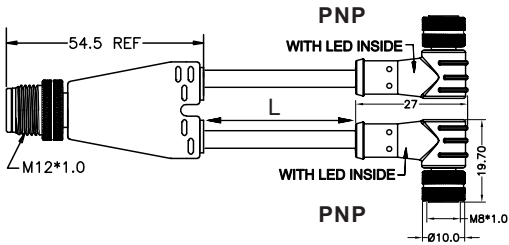
M12 Circular connectors

Y-type cable (with LED PNP)

Product figure (male to dual R/A female M12-M8)



Scale diagram



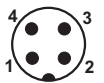
Contact layout/针孔排布 (Front view/前视图)

4pins

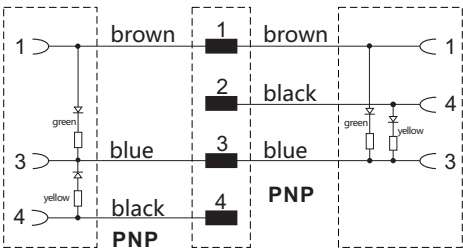
3pins

A

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	0.34mm ²
0.3M	4-3pins	280143-30-780
0.6M	4-3pins	280143-30-781
1.0M	4-3pins	280143-30-782
2.0M	4-3pins	280143-30-783

Specifications/技术参数

Number of contacts/芯数	4-3
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	3A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	4.6mm

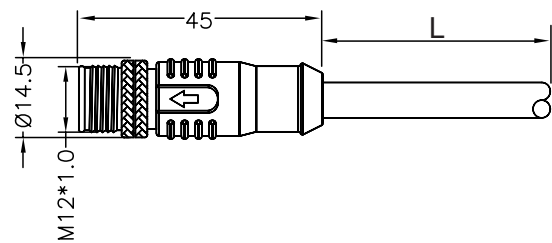
M12 Circular connectors

Male cable (A-coded with shield)

Product figure DeviceNet, CANopen



Scale diagram



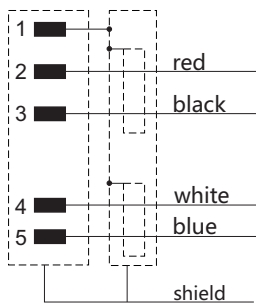
Contact layout/针孔排布 (Front view/前视图)

5pins

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			purple/紫色
1.5M	5pins	2×0.25mm ² +2×0.34mm ²	120105-05-691
3.0M	5pins	2×0.25mm ² +2×0.34mm ²	120105-05-692
5.0M	5pins	2×0.25mm ² +2×0.34mm ²	120105-05-693
7.5M	5pins	2×0.25mm ² +2×0.34mm ²	120105-05-694
10M	5pins	2×0.25mm ² +2×0.34mm ²	120105-05-695

Specifications/技术参数

Number of contacts/芯数	5
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	7mm

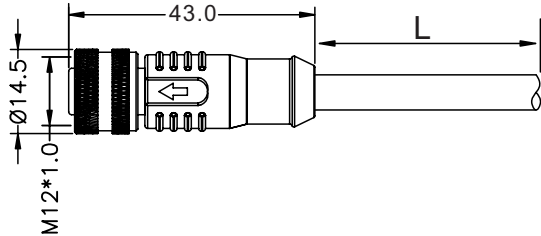
M12 Circular connectors

Female cable (A-coded with shield)

Product figure DeviceNet, CANopen



Scale diagram



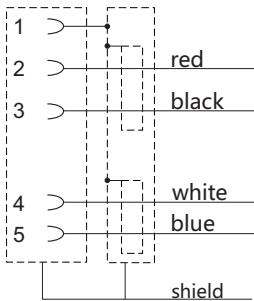
Contact layout/针孔排布 (Front view/前视图)

5pins

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			purple/紫色
1.5M	5pins	2×0.25mm ² +2×0.34mm ²	120105-06-691
3.0M	5pins	2×0.25mm ² +2×0.34mm ²	120105-06-692
5.0M	5pins	2×0.25mm ² +2×0.34mm ²	120105-06-693
7.5M	5pins	2×0.25mm ² +2×0.34mm ²	120105-06-694
10M	5pins	2×0.25mm ² +2×0.34mm ²	120105-06-695

Specifications/技术参数

Number of contacts/芯数	5
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	7mm

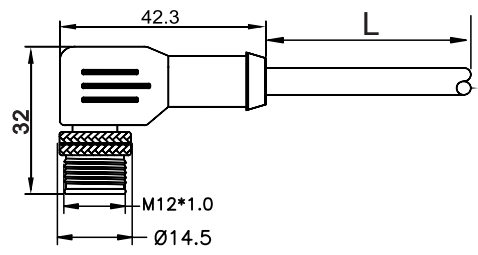
M12 Circular connectors

Male cable (90° A-coded with shield)

Product figure DeviceNet, CANopen



Scale diagram

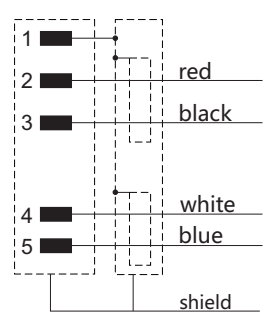


Contact layout/针孔排布 (Front view/前视图)

5pins
A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			purple/紫色
1.5M	5pins	2×0.25mm ² +2×0.34mm ²	120105-05-991
3.0M	5pins	2×0.25mm ² +2×0.34mm ²	120105-05-992
5.0M	5pins	2×0.25mm ² +2×0.34mm ²	120105-05-993
7.5M	5pins	2×0.25mm ² +2×0.34mm ²	120105-05-994
10M	5pins	2×0.25mm ² +2×0.34mm ²	120105-05-995

Specifications/技术参数

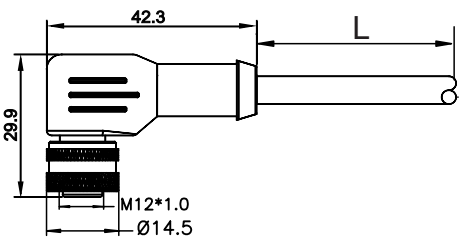
Number of contacts/芯数	5
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	7mm

M12 Circular connectors

Female cable (90° A-coded with shield)

Product figure DeviceNet, CANopen

Scale diagram



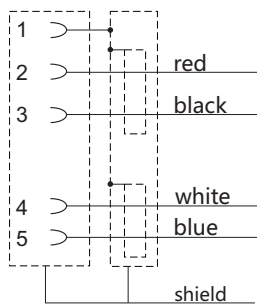
Contact layout/针孔排布 (Front view/前视图)

5pins

A



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			purple/紫色
1.5M	5pins	2×0.25mm ² +2×0.34mm ²	120105-06-991
3.0M	5pins	2×0.25mm ² +2×0.34mm ²	120105-06-992
5.0M	5pins	2×0.25mm ² +2×0.34mm ²	120105-06-993
7.5M	5pins	2×0.25mm ² +2×0.34mm ²	120105-06-994
10M	5pins	2×0.25mm ² +2×0.34mm ²	120105-06-995

Specifications/技术参数

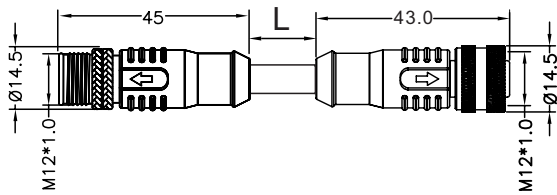
Number of contacts/芯数	5
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C~+80°C
Cable OD/线材直径	7mm

M12 Circular connectors

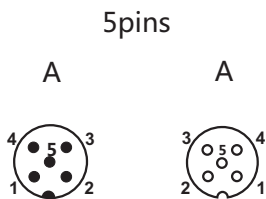
Male to female cable (A-coded with shield)

Product figure DeviceNet, CANopen

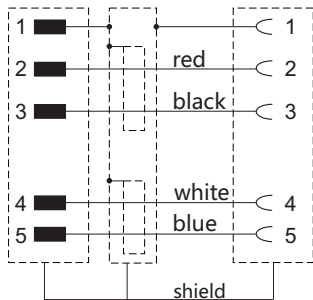
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			purple/紫色
0.3M	5pins	2×0.25mm ² +2×0.34mm ²	120105-56-691
0.6M	5pins	2×0.25mm ² +2×0.34mm ²	120105-56-692
1.0M	5pins	2×0.25mm ² +2×0.34mm ²	120105-56-693
2.0M	5pins	2×0.25mm ² +2×0.34mm ²	120105-56-694

Specifications/技术参数

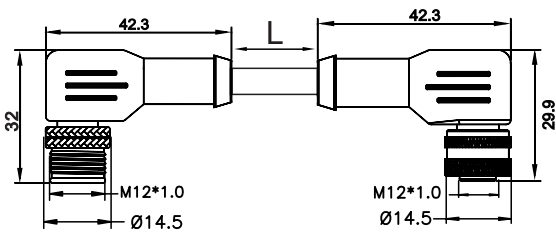
Number of contacts/芯数	5
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	7mm

M12 Circular connectors

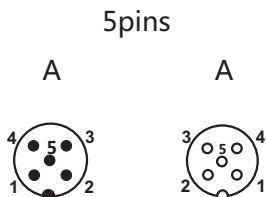
R/A male to R/A female cable
(A-coded with shield)

Product figure DeviceNet, CANopen

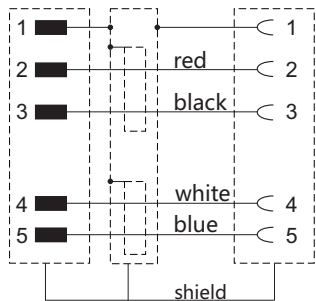
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			purple/紫色
0.3M	5pins	2×0.25mm ² +2×0.34mm ²	120105-56-991
0.6M	5pins	2×0.25mm ² +2×0.34mm ²	120105-56-992
1.0M	5pins	2×0.25mm ² +2×0.34mm ²	120105-56-993
2.0M	5pins	2×0.25mm ² +2×0.34mm ²	120105-56-994

Specifications/技术参数

Number of contacts/芯数	5
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C~+80°C
Cable OD/线材直径	7mm

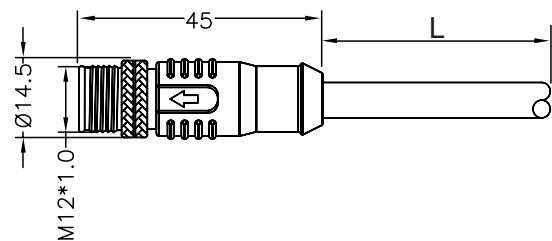
M12 Circular connectors

Male cable (B-coded with shield)

Product figure PROFIBUS



Scale diagram

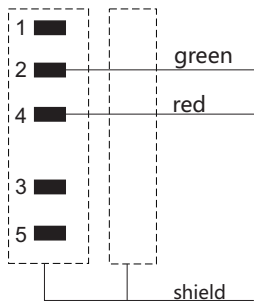


Contact layout/针孔排布 (Front view/前视图)

2pins
B



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			purple/紫色
1.5M	2pins	2× Ø0.64mm	120202-05-691
3.0M	2pins	2× Ø0.64mm	120202-05-692
5.0M	2pins	2× Ø0.64mm	120202-05-693
7.5M	2pins	2× Ø0.64mm	120202-05-694
10M	2pins	2× Ø0.64mm	120202-05-695

Specifications/技术参数

Number of contacts/芯数	2
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	6.4mm

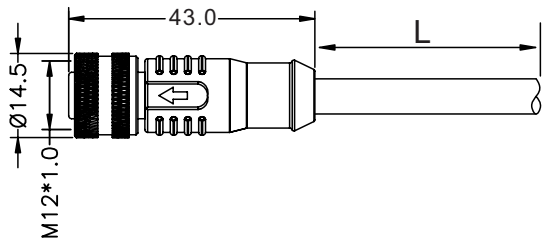
M12 Circular connectors

Female cable (B-coded with shield)

Product figure PROFIBUS



Scale diagram



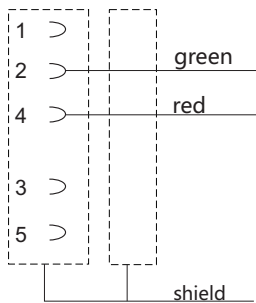
Contact layout/针孔排布 (Front view/前视图)

2pins

B



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			purple/紫色
1.5M	2pins	2× Ø0.64mm	120202-06-691
3.0M	2pins	2× Ø0.64mm	120202-06-692
5.0M	2pins	2× Ø0.64mm	120202-06-693
7.5M	2pins	2× Ø0.64mm	120202-06-694
10M	2pins	2× Ø0.64mm	120202-06-695

Specifications/技术参数

Number of contacts/芯数	2
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	6.4mm

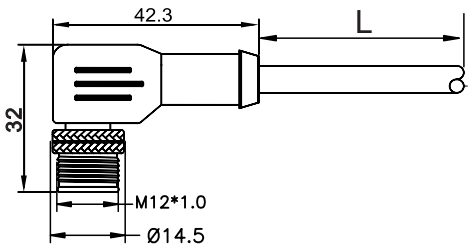
M12 Circular connectors

Male cable (B-coded with shield)

Product figure PROFIBUS



Scale diagram



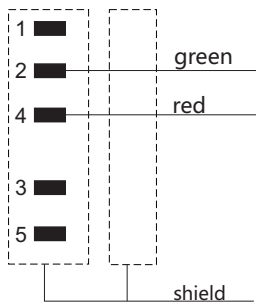
Contact layout/针孔排布 (Front view/前视图)

2pins

B



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			purple/紫色
1.5M	2pins	2× Ø0.64mm	120202-05-991
3.0M	2pins	2× Ø0.64mm	120202-05-992
5.0M	2pins	2× Ø0.64mm	120202-05-993
7.5M	2pins	2× Ø0.64mm	120202-05-994
10M	2pins	2× Ø0.64mm	120202-05-995

Specifications/技术参数

Number of contacts/芯数	2
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	6.4mm

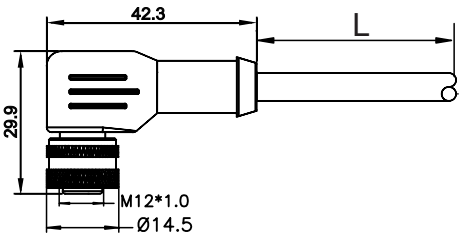
M12 Circular connectors

Female cable (90° B-coded with shield)

Product figure PROFIBUS



Scale diagram



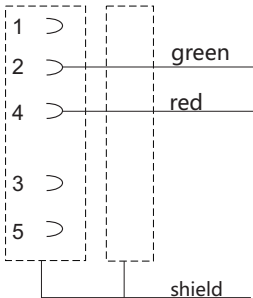
Contact layout/针孔排布 (Front view/前视图)

2pins

B



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			purple/紫色
1.5M	2pins	2× Ø0.64mm	120202-06-991
3.0M	2pins	2× Ø0.64mm	120202-06-992
5.0M	2pins	2× Ø0.64mm	120202-06-993
7.5M	2pins	2× Ø0.64mm	120202-06-994
10M	2pins	2× Ø0.64mm	120202-06-995

Specifications/技术参数

Number of contacts/芯数	2
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	6.4mm

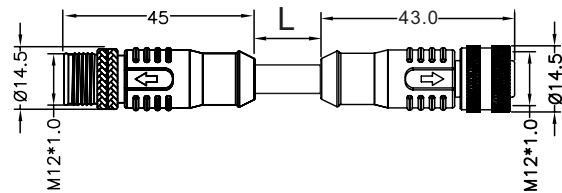
M12 Circular connectors

Male to female cable (B-coded with shield)

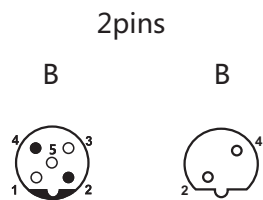
Product figure PROFIBUS



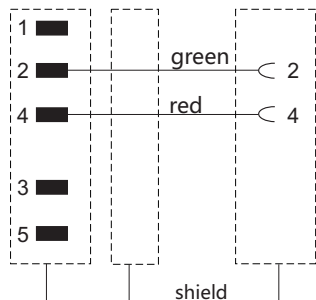
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR + AEB
			purple/紫色
0.3M	2pins	2× Ø0.64mm	120202-56-691
0.6M	2pins	2× Ø0.64mm	120202-56-692
1.0M	2pins	2× Ø0.64mm	120202-56-693
2.0M	2pins	2× Ø0.64mm	120202-56-694

Specifications/技术参数

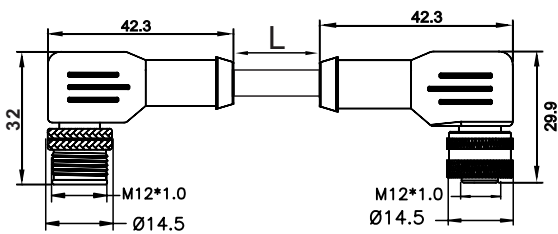
Number of contacts/芯数	2
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	6.4mm

M12 Circular connectors

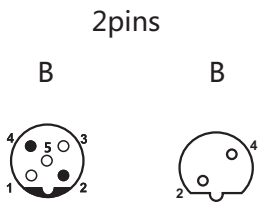
R/A male to R/A female cable
(B-coded with shield)

Product figure PROFIBUS

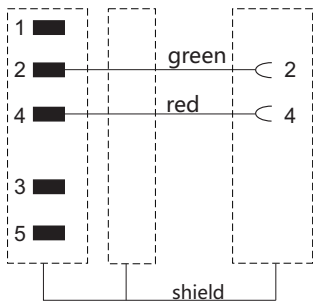
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			purple/紫色
0.3M	2pins	2× Ø0.64mm	120202-56-991
0.6M	2pins	2× Ø0.64mm	120202-56-992
1.0M	2pins	2× Ø0.64mm	120202-56-993
2.0M	2pins	2× Ø0.64mm	120202-56-994

Specifications/技术参数

Number of contacts/芯数	2
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	6.4mm

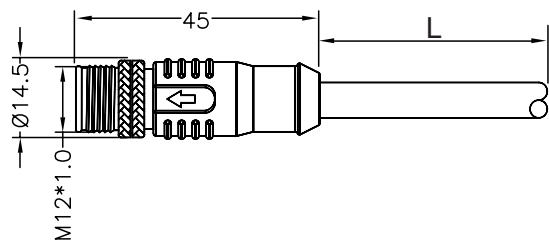
M12 Circular connectors

Male cable (D-coded with shield)

Product figure EtherCAT, PROFINET



Scale diagram

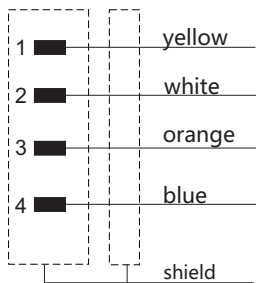


Contact layout/针孔排布 (Front view/前视图)

4pins
D



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB	
			green/绿色	
1.5M	4pins	4×0.25mm ²	120404-05-691	
3.0M	4pins	4×0.25mm ²	120404-05-692	
5.0M	4pins	4×0.25mm ²	120404-05-693	
7.5M	4pins	4×0.25mm ²	120404-05-694	
10M	4pins	4×0.25mm ²	120404-05-695	

Specifications/技术参数

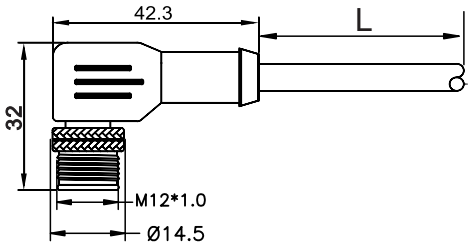
Number of contacts/芯数	4
Rated voltage/额定电压	250V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C~+80°C
Cable OD/线材直径	6.4mm

Male cable (90° D-coded with shield)

Product figure EtherCAT, PROFINET



Scale diagram



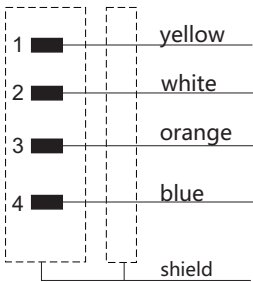
Contact layout/针孔排布 (Front view/前视图)

4pins

D



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			green/绿色
1.5M	4pins	4×0.25mm ²	120404-05-991
3.0M	4pins	4×0.25mm ²	120404-05-992
5.0M	4pins	4×0.25mm ²	120404-05-993
7.5M	4pins	4×0.25mm ²	120404-05-994
10M	4pins	4×0.25mm ²	120404-05-995

Specifications/技术参数

Number of contacts/芯数	4
Rated voltage/额定电压	250V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	6.4mm

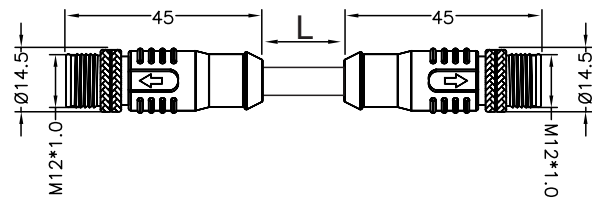
M12 Circular connectors

Male to male cable (D-coded with shield)

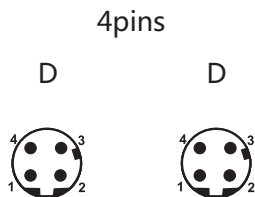
Product figure EtherCAT, PROFINET



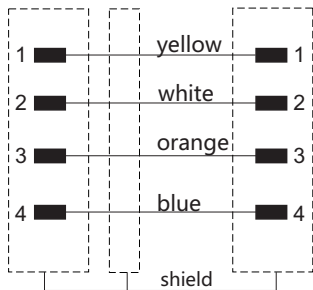
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR + AEB
			green/绿色
0.3M	4pins	4×0.25mm ²	120404-55-691
0.6M	4pins	4×0.25mm ²	120404-55-692
1.0M	4pins	4×0.25mm ²	120404-55-693
2.0M	4pins	4×0.25mm ²	120404-55-694

Specifications/技术参数

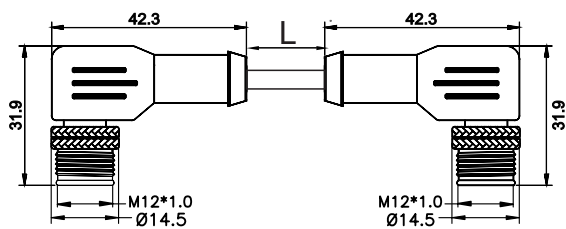
Number of contacts/芯数	4
Rated voltage/额定电压	250V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	6.4mm

M12 Circular connectors

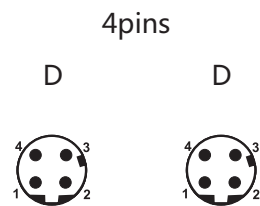
R/A male to R/A male cable
(D-coded with shield)

Product figure EtherCAT, PROFINET

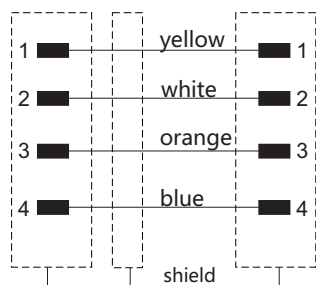
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			green/绿色
0.3M	4pins	4×0.25mm ²	120404-55-991
0.6M	4pins	4×0.25mm ²	120404-55-992
1.0M	4pins	4×0.25mm ²	120404-55-993
2.0M	4pins	4×0.25mm ²	120404-55-994

Specifications/技术参数

Number of contacts/芯数	4
Rated voltage/额定电压	250V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	6.4mm

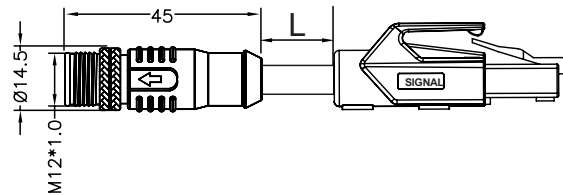
M12 Circular connectors

Male to RJ45 cable (D-coded with shield)

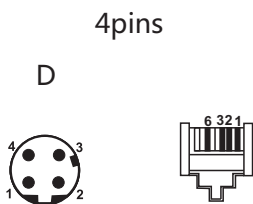
Product figure EtherCAT, PROFINET



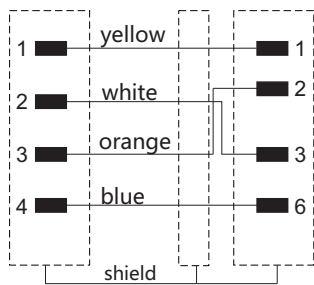
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			green/绿色
0.3M	4pins	4×0.25mm ²	120404-57-691
0.6M	4pins	4×0.25mm ²	120404-57-692
1.0M	4pins	4×0.25mm ²	120404-57-693
2.0M	4pins	4×0.25mm ²	120404-57-694

Specifications/技术参数

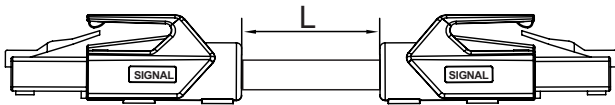
Number of contacts/芯数	4
Rated voltage/额定电压	250V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67
Operating temperature/工作温度	-25°C~+80°C
Cable OD/线材直径	6.4mm

M12 Circular connectors

Rj45 to RJ45 cable (with shield)

Product figure EtherCAT, PROFINET

Scale diagram

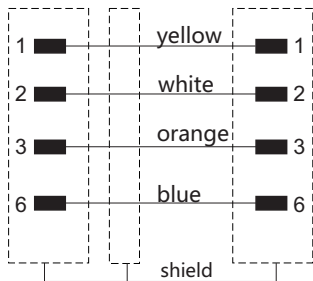


Contact layout/针孔排布 (Front view/前视图)

4pins



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			green/绿色
0.3M	4pins	4×0.25mm ²	940004-77-691
0.6M	4pins	4×0.25mm ²	940004-77-692
1.0M	4pins	4×0.25mm ²	940004-77-693
2.0M	4pins	4×0.25mm ²	940004-77-694

Specifications/技术参数

Number of contacts/芯数	4
Rated voltage/额定电压	250V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67
Operating temperature/工作温度	-25°C ~ +80°C
Cable OD/线材直径	6.4mm

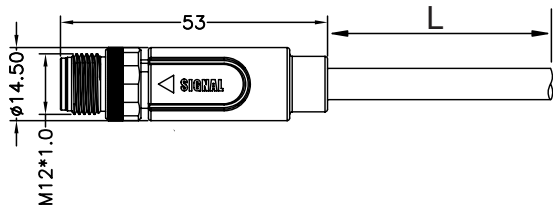
M12 Circular connectors

Male cable (X-coded with shield)

Product figure EtherCAT, PROFINET



Scale diagram



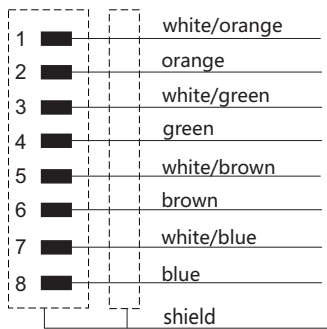
Contact layout/针孔排布 (Front view/前视图)

8pins

X



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			blue/蓝色
1.5M	8pins	2×4×0.14mm ²	120708-05-691
3.0M	8pins	2×4×0.14mm ²	120708-05-692
5.0M	8pins	2×4×0.14mm ²	120708-05-693
7.5M	8pins	2×4×0.14mm ²	120708-05-694
10M	8pins	2×4×0.14mm ²	120708-05-695

Specifications/技术参数

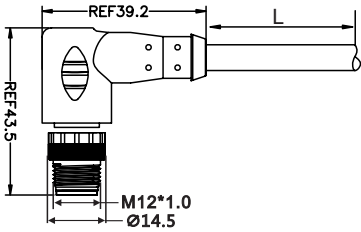
Number of contacts/芯数	8
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	0.5A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-40°C ~ +85°C
Cable OD/线材直径	6.2mm

M12 Circular connectors

Male cable (90° X-coded with shield)

Product figure EtherCAT, PROFINET

Scale diagram



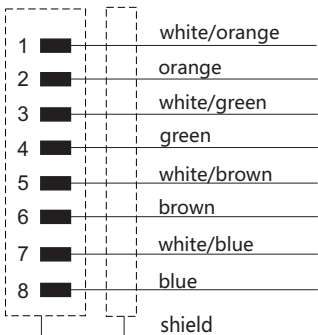
Contact layout/针孔排布 (Front view/前视图)

8pins

X



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			blue/蓝色
1.5M	8pins	2×4×0.14mm ²	120708-05-991
3.0M	8pins	2×4×0.14mm ²	120708-05-992
5.0M	8pins	2×4×0.14mm ²	120708-05-993
7.5M	8pins	2×4×0.14mm ²	120708-05-994
10M	8pins	2×4×0.14mm ²	120708-05-995

Specifications/技术参数

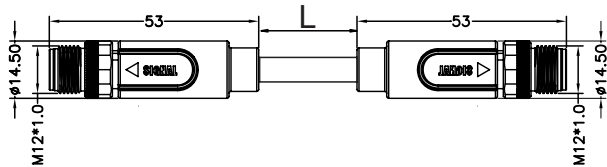
Number of contacts/芯数	8
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	0.5A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-40°C ~ +85°C
Cable OD/线材直径	6.2mm

M12 Circular connectors

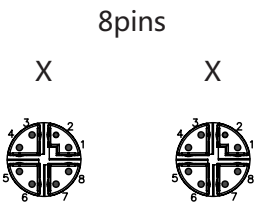
Male to male cable (X-coded with shield)

Product figure EtherCAT, PROFINET

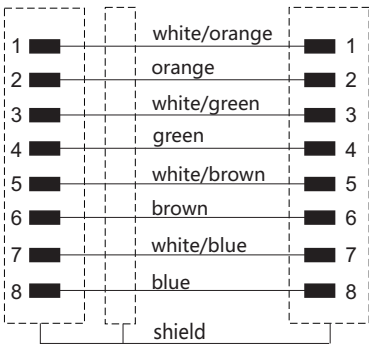
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			blue/蓝色
0.3M	8pins	2×4×0.14mm ²	120708-55-691
0.6M	8pins	2×4×0.14mm ²	120708-55-692
1.0M	8pins	2×4×0.14mm ²	120708-55-693
2.0M	8pins	2×4×0.14mm ²	120708-55-694

Specifications/技术参数

Number of contacts/芯数	8
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	0.5A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-40°C ~ +85°C
Cable OD/线材直径	6.2mm

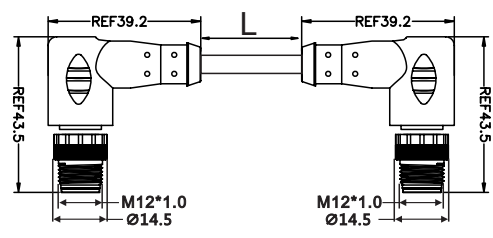
M12 Circular connectors

R/A male to R/A male cable
(X-coded with shield)

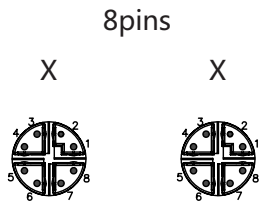
Product figure EtherCAT, PROFINET



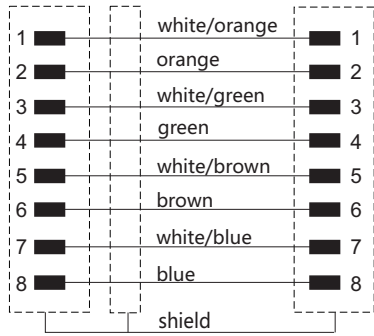
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			blue/蓝色
0.3M	8pins	2×4×0.14mm ²	120708-55-991
0.6M	8pins	2×4×0.14mm ²	120708-55-992
1.0M	8pins	2×4×0.14mm ²	120708-55-993
2.0M	8pins	2×4×0.14mm ²	120708-55-994

Specifications/技术参数

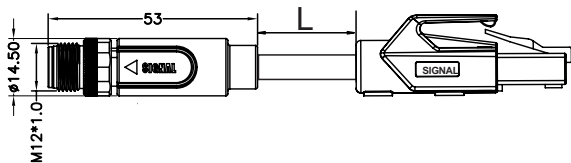
Number of contacts/芯数	8
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	0.5A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-40°C ~ +85°C
Cable OD/线材直径	6.2mm

M12 Circular connectors

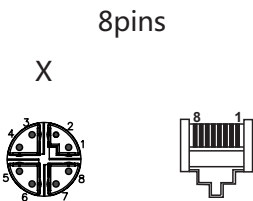
Male to RJ45 cable (X-coded with shield)

Product figure EtherCAT, PROFINET

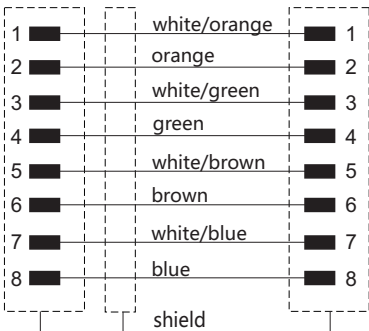
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			blue/蓝色
0.3M	8pins	2×4×0.14mm ²	120708-57-691
0.6M	8pins	2×4×0.14mm ²	120708-57-692
1.0M	8pins	2×4×0.14mm ²	120708-57-693
2.0M	8pins	2×4×0.14mm ²	120708-57-694

Specifications/技术参数

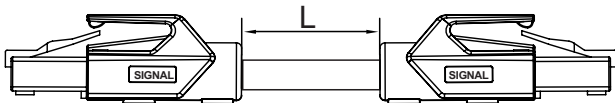
Number of contacts/芯数	8
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	0.5A
Protection degree/防护等级	IP67
Operating temperature/工作温度	-40°C ~ +85°C
Cable OD/线材直径	6.2mm

M12 Circular connectors

RJ45 to RJ45 cable (with shield)

Product figure EtherCAT, PROFINET

Scale diagram

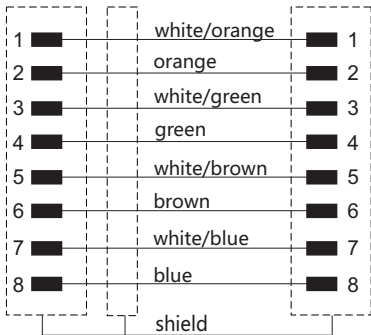


Contact layout/针孔排布 (Front view/前视图)

8pins



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR+AEB
			blue/蓝色
0.3M	8pins	2×4×0.14mm ²	940008-77-691
0.6M	8pins	2×4×0.14mm ²	940008-77-692
1.0M	8pins	2×4×0.14mm ²	940008-77-693
2.0M	8pins	2×4×0.14mm ²	940008-77-694

Specifications/技术参数

Number of contacts/芯数	8
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	0.5A
Protection degree/防护等级	IP67
Operating temperature/工作温度	-40°C ~ +85°C
Cable OD/线材直径	6.2mm

M16 Series



M16 Series Circular Connectors

1.Assembly connector

1601-1602

2.Panel

1603-1606

3.Cable

1607-1608

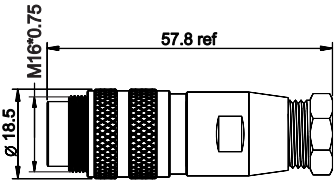
M16 Circular connectors

Male assembly connector

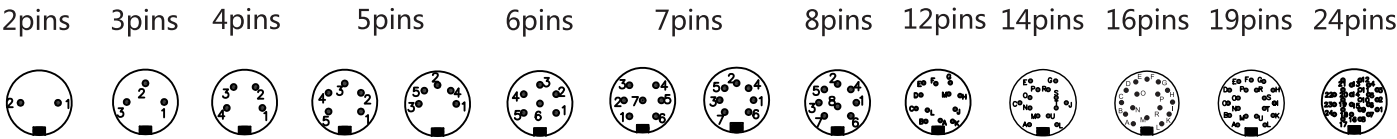
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
2pins	160002-01-001	ASM16M02001
3pins	160003-01-001	ASM16M03D001
4pins	160004-01-001	ASM16M04001
5pins	160005-01-001	ASM16M05001
5pins(DIN)	160005-01-002	ASM16M05D001
6pins	160006-01-001	ASM16M06D001
7pins	160007-01-001	ASM16M07001
7pins(DIN)	160007-01-002	ASM16M07D001
8pins	160008-01-001	ASM16M08D001
12pins	160012-01-001	ASM16M12001
14pins(DIN)	160014-01-001	ASM16M14001
16pins	160016-01-001	ASM16M16001
19pins	160019-01-001	ASM16M19001
24pins	160024-01-002	ASM16M24001

Specifications/技术参数

Number of contacts/芯数	2	3	4	5	5DIN	6	7	7DIN	8	12	14DIN	16	19	24
Termination/接线方式	solder/焊接													
Wire gauge/线规	max,0.5mm ² (max,20AWG)										max,0.25mm ² (max,24AWG)		0.14mm ² 26AWG	
Cable OD/线材直径	5~7.5mm													
Operating temperature/工作温度	-25℃~+85℃													
Mechanical operation/插拔次数	> 100 mating cycles													
Rated voltage/额定电压	100V			63V	32V	63V		32V						
Rated current (40℃)/额定电流	5A										1A			
Protection degree/防护等级	IP67/IP68													
Contact resistance/接触电阻	≤5mΩ										≤3mΩ			
Insulation resistance/绝缘电阻	≥100MΩ													
Pin contant/插针材料	CuZn													
Socket contact/插孔材料	CuSn													
Contact plating/针孔镀层材料	Au													

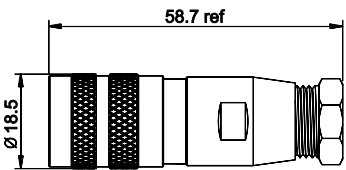
M16 Circular connectors

Female assembly connector

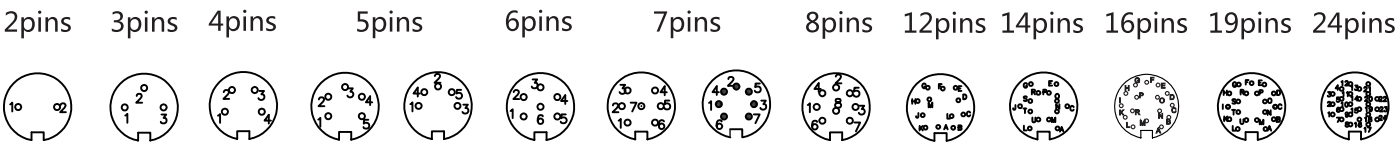
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
2pins	160002-02-001	ASM16F02001
3pins	160003-02-001	ASM16F03D001
4pins	160004-02-001	ASM16F04001
5pins	160005-02-001	ASM16F05001
5pins(DIN)	160005-02-002	ASM16F05D001
6pins	160006-02-001	ASM16F06D001
7pins	160007-02-001	ASM16F07001
7pins(DIN)	160007-02-002	ASM16F07D001
8pins	160008-02-001	ASM16F08D001
12pins	160012-02-001	ASM16F12001
14pins(DIN)	160014-02-001	ASM16F14001
16pins	160016-02-001	ASM16F16001
19pins	160019-02-001	ASM16F19001
24pins	160024-02-001	ASM16F24001

Specifications/技术参数

Number of contacts/芯数	2	3	4	5	5DIN	6	7	7DIN	8	12	14DIN	16	19	24
Termination/接线方式	solder/焊接													
Wire gauge/线规	max,0.5mm ² (max,20AWG)										max,0.25mm ² (max,24AWG)		0.14mm ² 26AWG	
Cable OD/线材直径	5~7.5mm													
Operating temperature/工作温度	-25°C~+85°C													
Mechanical operation/插拔次数	> 100 mating cycles													
Rated voltage/额定电压	100V			63V	32V	63V		32V						
Rated current (40°C)/额定电流	5A									1A				
Protection degree/防护等级	IP67/IP68													
Contact resistance/接触电阻	≤5mΩ										≤3mΩ			
Insulation resistance/绝缘电阻	≥100MΩ													
Pin contant/插针材料	CuZn													
Socket contact/插孔材料	CuSn													
Contact plating/针孔镀层材料	Au													

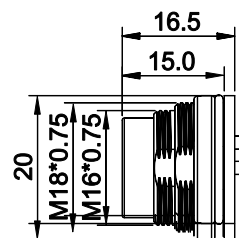
M16 Circular connectors

Male panel connector

Product figure (front fastened)

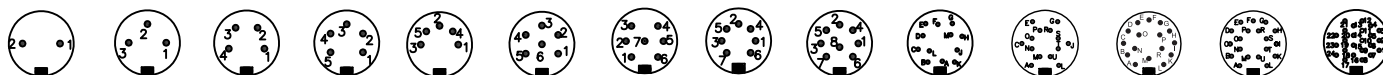


Scale diagram



Contact layout/针孔排布 (Front view/前视图)

2pins 3pins 4pins 5pins 6pins 7pins 8pins 12pins 14pins 16pins 19pins 24pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
2pins	160002-03-001	PMM16FM02001
3pins	160003-03-002	PMM16FM03D001
4pins	160004-03-001	PMM16FM04001
5pins	160005-03-001	PMM16FM05001
5pins(DIN)	160005-03-004	PMM16FM05D001
6pins	160006-03-001	PMM16FM06D001
7pins	160007-03-001	PMM16FM07001
7pins(DIN)	160007-03-002	PMM16FM07D001
8pins	160008-03-001	PMM16FM08D001
12pins	160012-03-001	PMM16FM12001
14pins(DIN)	160014-03-001	PMM16FM14001
16pins	160016-03-001	PMM16FM16001
19pins	160019-03-001	PMM16FM19001
24pins	160024-03-001	PMM16FM24001

Specifications/技术参数

Number of contacts/芯数	2	3	4	5	5DIN	6	7	7DIN	8	12	14DIN	16	19	24
Termination/接线方式	solder/焊接													
Wire gauge/线规	max,0.5mm ² (max,20AWG)										max,0.25mm ² (max,24AWG)		0.14mm ² 26AWG	
Operating temperature/工作温度	-25°C~+85°C													
Mechanical operation/插拔次数	> 100 mating cycles													
Rated voltage/额定电压	100V			63V	32V	63V			32V					
Rated current (40°C)/额定电流	5A										1A			
Protection degree/防护等级	IP67/IP68													
Contact resistance/接触电阻	≤5mΩ										≤3mΩ			
Insulation resistance/绝缘电阻	≥100MΩ													
Pin contant/插针材料	CuZn													
Socket contact/插孔材料	CuSn													
Contact plating/针孔镀层材料	Au													

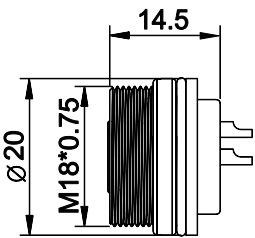
M16 Circular connectors

Female panel connector

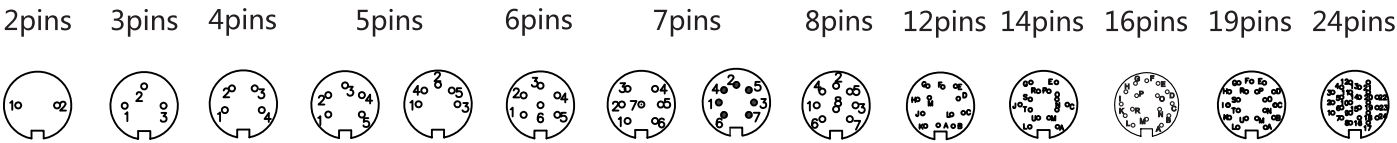
Product figure(front fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
2pins	160002-04-001	PMM16FF02001
3pins	160003-04-002	PMM16FF03D001
4pins	160004-04-001	PMM16FF04001
5pins	160005-04-001	PMM16FF05001
5pins(DIN)	160005-04-004	PMM16FF05D001
6pins	160006-04-001	PMM16FF06D001
7pins	160007-04-001	PMM16FF07001
7pins(DIN)	160007-04-002	PMM16FF07D001
8pins	160008-04-001	PMM16FF08D001
12pins	160012-04-001	PMM16FF12001
14pins(DIN)	160014-04-001	PMM16FF14001
16pins	160016-04-001	PMM16FF16001
19pins	160019-04-001	PMM16FF19001
24pins	160024-04-001	PMM16FF24001

Specifications/技术参数

Number of contacts/芯数	2	3	4	5	5DIN	6	7	7DIN	8	12	14DIN	16	19	24
Termination/接线方式	solder/焊接													
Wire gauge/线规	max,0.5mm ² (max,20AWG)									max,0.25mm ² (max,24AWG)			0.14mm ² 26AWG	
Operating temperature/工作温度	-25°C ~ +85°C													
Mechanical operation/插拔次数	> 100 mating cycles													
Rated voltage/额定电压	100V			63V	32V	63V			32V					
Rated current (40°C)/额定电流	5A									1A				
Protection degree/防护等级	IP67/IP68													
Contact resistance/接触电阻	≤5mΩ									≤3mΩ				
Insulation resistance/绝缘电阻	≥100MΩ													
Pin contant/插针材料	CuZn													
Socket contact/插孔材料	CuSn													
Contact plating/针孔镀层材料	Au													

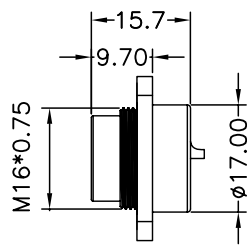
M16 Circular connectors

Male panel connector

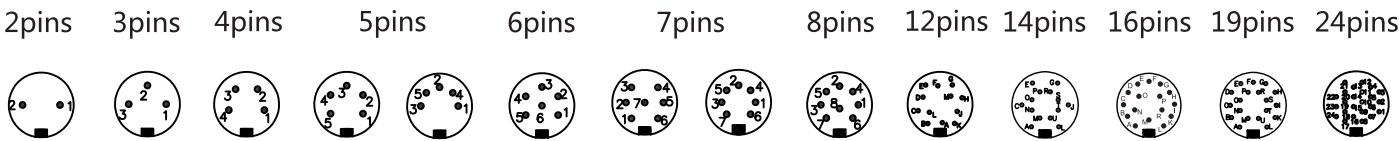
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
2pins	160002-03-002	PMM16LM02001
3pins	160003-03-003	PMM16LM03D001
4pins	160004-03-002	PMM16LM04001
5pins	160005-03-002	PMM16LM05001
5pins(DIN)	160005-03-003	PMM16LM05D001
6pins	160006-03-002	PMM16LM06D001
7pins	160007-03-003	PMM16LM07001
7pins(DIN)	160007-03-004	PMM16LM07D001
8pins	160008-03-002	PMM16LM08D001
12pins	160012-03-002	PMM16LM12001
14pins(DIN)	160014-03-002	PMM16LM14001
16pins	160016-03-002	PMM16LM16001
19pins	160019-03-002	PMM16LM19001
24pins	160024-03-002	PMM16LM24001

Specifications/技术参数

Number of contacts/芯数	2	3	4	5	5DIN	6	7	7DIN	8	12	14DIN	16	19	24
Termination/接线方式	solder/焊接													
Wire gauge/线规	max,0.5mm ² (max,20AWG)										max,0.25mm ² (max,24AWG)		0.14mm ² 26AWG	
Operating temperature/工作温度	-25°C~+85°C													
Mechanical operation/插拔次数	> 100 mating cycles													
Rated voltage/额定电压	100V			63V	32V	63V			32V					
Rated current (40°C)/额定电流	5A										1A			
Protection degree/防护等级	IP67/IP68													
Contact resistance/接触电阻	≤5mΩ										≤3mΩ			
Insulation resistance/绝缘电阻	≥100MΩ													
Pin contant/插针材料	CuZn													
Socket contact/插孔材料	CuSn													
Contact plating/针孔镀层材料	Au													

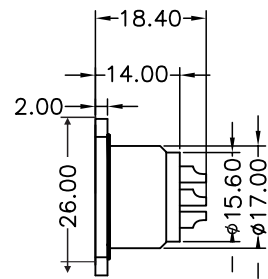
M16 Circular connectors

Female panel connector

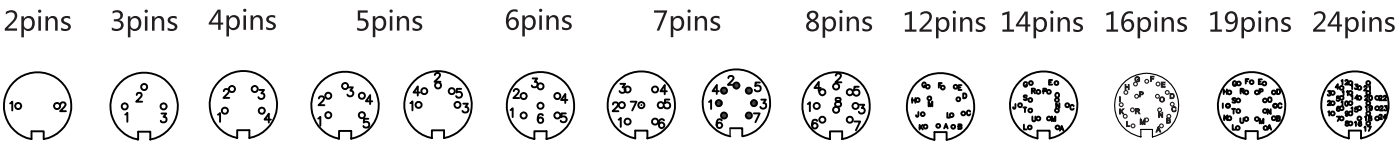
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
2pins	160002-04-002	PMM16LF02001
3pins	160003-04-003	PMM16LF03D001
4pins	160004-04-002	PMM16LF04001
5pins	160005-04-002	PMM16LF05001
5pins(DIN)	160005-04-003	PMM16LF05D001
6pins	160006-04-002	PMM16LF06D001
7pins	160007-04-003	PMM16LF07001
7pins(DIN)	160007-04-004	PMM16LF07D001
8pins	160008-04-002	PMM16LF08D001
12pins	160012-04-002	PMM16LF12001
14pins(DIN)	160014-04-002	PMM16LF14001
16pins	160016-04-002	PMM16LF16001
19pins	160019-04-002	PMM16LF19001
24pins	160024-04-003	PMM16LF24001

Specifications/技术参数

Number of contacts/芯数	2	3	4	5	5DIN	6	7	7DIN	8	12	14DIN	16	19	24
Termination/接线方式	solder/焊接													
Wire gauge/线规	max,0.5mm ² (max,20AWG)									max,0.25mm ² (max,24AWG)			0.14mm ² 26AWG	
Operating temperature/工作温度	-25°C ~ +85°C													
Mechanical operation/插拔次数	> 100 mating cycles													
Rated voltage/额定电压	100V			63V	32V	63V			32V					
Rated current (40°C)/额定电流	5A									1A				
Protection degree/防护等级	IP67/IP68													
Contact resistance/接触电阻	≤5mΩ									≤3mΩ				
Insulation resistance/绝缘电阻	≥100MΩ													
Pin contant/插针材料	CuZn													
Socket contact/插孔材料	CuSn													
Contact plating/针孔镀层材料	Au													

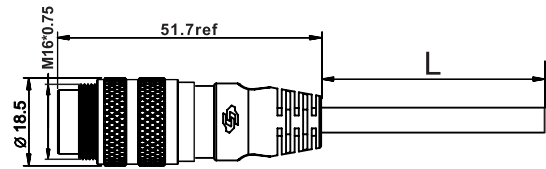
M16 Circular connectors

Male cable

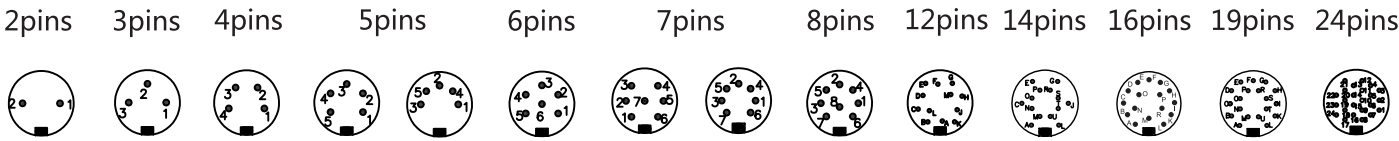
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
2pins	160002-05-001	CAM16SM02001
3pins	160003-05-001	CAM16SM03D001
4pins	160004-05-001	CAM16SM04001
5pins	160005-05-001	CAM16SM05001
5pins(DIN)	160005-05-002	CAM16SM05D001
6pins	160006-05-001	CAM16SM06D001
7pins	160007-05-001	CAM16SM07001
7pins(DIN)	160007-05-002	CAM16SM07D001
8pins	160008-05-001	CAM16SM08D001
12pins	160012-05-001	CAM16SM12001
14pins(DIN)	160014-05-001	CAM16SM14001
16pins	160016-05-001	CAM16SM16001
19pins	160019-05-001	CAM16SM19001
24pins	160024-05-001	CAM16SM24001

Specifications/技术参数

Number of contacts/芯数	2	3	4	5	5DIN	6	7	7DIN	8	12	14DIN	16	19	24
Termination/接线方式	moulded on cable/成型线													
Wire gauge/线规	max,0.5mm ² (max,20AWG)										max,0.25mm ² (max,24AWG)		0.14mm ² 26AWG	
Operating temperature/工作温度	-25°C ~ +80°C													
Mechanical operation/插拔次数	> 100 mating cycles													
Rated voltage/额定电压	100V			63V	32V	63V			32V					
Rated current (40°C)/额定电流	5A									1A				
Protection degree/防护等级	IP67/IP68													
Contact resistance/接触电阻	≤5mΩ										≤3mΩ			
Insulation resistance/绝缘电阻	≥100MΩ													
Pin contant/插针材料	CuZn													
Socket contact/插孔材料	CuSn													
Contact plating/针孔镀层材料	Au													

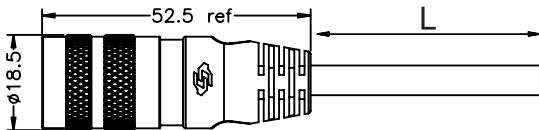
M16 Circular connectors

Female cable

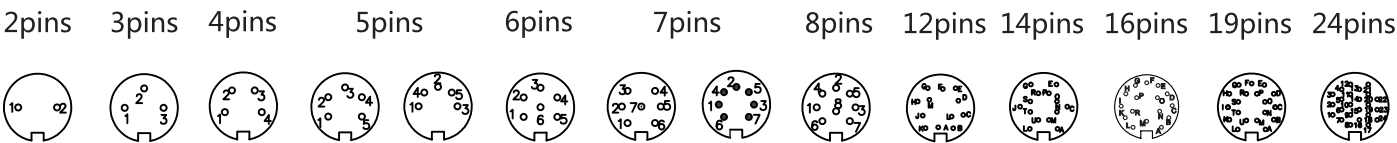
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
2pins	160002-06-002	CAM16SF02001
3pins	160003-06-001	CAM16SF03D001
4pins	160004-06-001	CAM16SF04001
5pins	160005-06-001	CAM16SF05001
5pins(DIN)	160005-06-002	CAM16SF05D001
6pins	160006-06-001	CAM16SF06D001
7pins	160007-06-001	CAM16SF07001
7pins(DIN)	160007-06-002	CAM16SF07D001
8pins	160008-06-001	CAM16SF08D001
12pins	160012-06-001	CAM16SF12001
14pins(DIN)	160014-06-001	CAM16SF14001
16pins	160016-06-001	CAM16SF16001
19pins	160019-06-002	CAM16SF19001
24pins	160024-06-002	CAM16SF24001

Specifications/技术参数

Number of contacts/芯数	2	3	4	5	5DIN	6	7	7DIN	8	12	14DIN	16	19	24
Termination/接线方式	moulded on cable/成型线													
Wire gauge/线规	max,0.5mm ² (max,20AWG)										max,0.25mm ² (max,24AWG)		0.14mm ² 26AWG	
Operating temperature/工作温度	-25°C~+80°C													
Mechanical operation/插拔次数	> 100 mating cycles													
Rated voltage/额定电压	100V			63V	32V	63V			32V					
Rated current (40°C)/额定电流	5A									1A				
Protection degree/防护等级	IP67/IP68													
Contact resistance/接触电阻	≤5mΩ										≤3mΩ			
Insulation resistance/绝缘电阻	≥100MΩ													
Pin contant/插针材料	CuZn													
Socket contact/插孔材料	CuSn													
Contact plating/针孔镀层材料	Au													

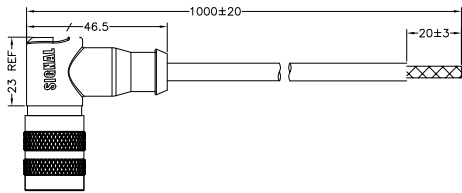
M16 Circular connectors

Female cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

12pins

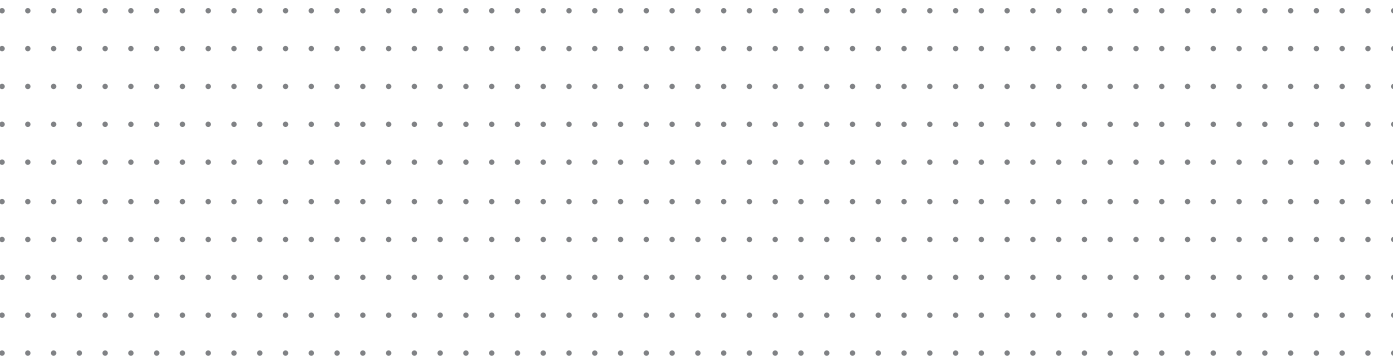


Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
12pins	160012-06-007	—

Specifications/技术参数

Number of contacts/芯数	12
Termination/接线方式	moulded on cable/成型线
Wire gauge/线规	max,0.25mm ² (max,24AWG)
Operating temperature/工作温度	-25°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	32V
Rated current (40°C)/额定电流	1A
Protection degree/防护等级	Ip67
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contant/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



M17 Connectors



M17 Series Circular Connectors

1.Assembly connector

1701-1702

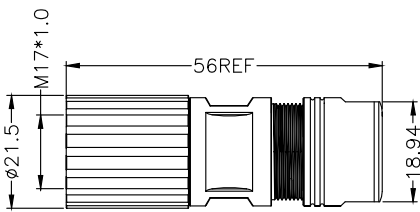
M17 Circular connectors

Male assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3+PE



5+PE



6+PE



7+PE



5+3+PE



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
3+PE	170004-01-001	—
5+PE	170006-01-001	—
6+PE	170007-01-001	—
7+PE	170008-01-001	—
5+3+PE	170009-01-001	—

Specifications/技术参数

Number of contacts/芯数	3+PE	5+PE	6+PE	7+PE	5+3+PE
Termination/接线方式	crimp/压接				
Wire gauge/线规	0.75~2.5mm ² (18~14AWG)				
Cable OD/线材直径	8~10mm				
Operating temperature/工作温度	-40°C~+125°C				
Mechanical operation/插拔次数	> 100 mating cycles				
Rated voltage/额定电压	630V				60V/630V
Rated current (40°C)/额定电流	25A	14A			3.3A/14A
Protection degree/防护等级	IP67				
Contact resistance/接触电阻	≤5mΩ				
Insulation resistance/绝缘电阻	> 100MΩ				
Pin contant/插针材料	CuZn				
Socket contact/插孔材料	CuSn				
Contact plating/针孔镀层材料	Au				

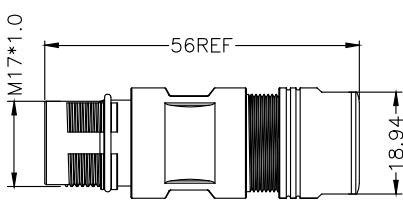
M17 Circular connectors

Female assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3+PE



5+PE



6+PE



7+PE



5+3+PE



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
3+PE	170004-02-001	—
5+PE	170006-02-001	—
6+PE	170007-02-001	—
7+PE	170008-02-001	—
5+3+PE	170009-02-001	—

Specifications/技术参数

Number of contacts/芯数	3+PE	5+PE	6+PE	7+PE	5+3+PE
Termination/接线方式	crimp/压接				
Wire gauge/线规	0.75~2.5mm ² (18~14AWG)				
Cable OD/线材直径	8~10mm				
Operating temperature/工作温度	-40°C~+125°C				
Mechanical operation/插拔次数	> 100 mating cycles				
Rated voltage/额定电压	630V				60V/630V
Rated current (40°C)/额定电流	25A	14A			3.3A/14A
Protection degree/防护等级	IP67				
Contact resistance/接触电阻	≤5mΩ				
Insulation resistance/绝缘电阻	> 100MΩ				
Pin contant/插针材料	CuZn				
Socket contact/插孔材料	CuSn				
Contact plating/针孔镀层材料	Au				



M23 Series



M23 Series Circular Connectors

1.Assembly connector

2301-2309

2.Panel

2310-2315

3.Cable

2316-2318

4.Standard cable lenght

2319-2325

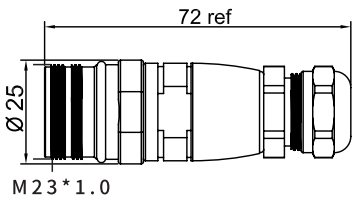
M23 Circular connectors

Male assembly connector

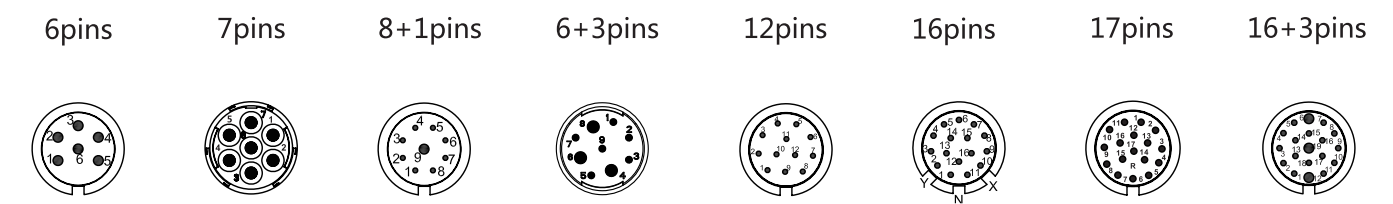
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
6pins	230006-01-001	—
7pins	230007-01-001	—
8+1pins	230009-01-001	—
6+3pins	230009-01-007	—
12pins	230012-01-001	—
16pins	230016-01-001	—
17pins	230017-01-001	—
16+3pins	230019-01-001	—

Specifications/技术参数

Number of contacts/芯数	6	7	8+1	6+3	12	16	17	16+3
Termination/接线方式	solder/焊接							
Wire gauge/线规	2.5mm ² (14AWG)	8*1.5+1*2.5mm ² (16/14AWG)		6*1.5+3*2.5mm ² (16/14AWG)		1.0mm ² (18AWG)		16*1.0+3*1.5mm ² (18/16AWG)
Cable OD/线材直径	6~8mm							
Operating temperature/工作温度	-40℃~+125℃							
Mechanical operation/插拔次数	> 100 mating cycles							
Rated voltage/额定电压	250V				150V			
Rated current (40℃)/额定电流	20A	8*8A+1*20A		6*8A+3*20A		8A		16*8A+3*10A
Protection degree/防护等级	IP67/IP68							
Contact resistance/接触电阻	≤5mΩ							
Insulation resistance/绝缘电阻	≥10 ³ MΩ							
Pin contant/插针材料	CuZn							
Socket contact/插孔材料	CuSn							
Contact plating/针孔镀层材料	Au							

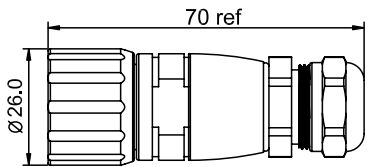
M23 Circular connectors

Female assembly connector

Product figure

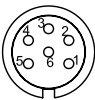


Scale diagram



Contact layout/针孔排布 (Front view/前视图)

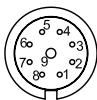
6pins



7pins



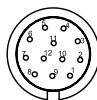
8+1pins



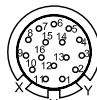
6+3pins



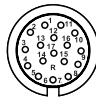
12pins



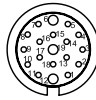
16pins



17pins



16+3pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
6pins	230006-02-001	—
7pins	230007-02-001	—
8+1pins	230009-02-001	—
6+3pins	230009-02-004	—
12pins	230012-02-001	—
16pins	230016-02-001	—
17pins	230017-02-001	—
16+3pins	230019-02-001	—

Specifications/技术参数

Number of contacts/芯数	6	7	8+1	6+3	12	16	17	16+3
Termination/接线方式	solder/焊接							
Wire gauge/线规	2.5mm ² (14AWG)	8*1.5+1*2.5mm ² (16/14AWG)		6*1.5+3*2.5mm ² (16/14AWG)		1.0mm ² (18AWG)		16*1.0+3*1.5mm ² (18/16AWG)
Cable OD/线材直径	6~8mm							
Operating temperature/工作温度	-40℃~+125℃							
Mechanical operation/插拔次数	> 100 mating cycles							
Rated voltage/额定电压	250V				150V			
Rated current (40℃)/额定电流	20A	8*8A+1*20A		6*8A+3*20A		8A		16*8A+3*10A
Protection degree/防护等级	IP67/IP68							
Contact resistance/接触电阻	≤5mΩ							
Insulation resistance/绝缘电阻	≥10 ³ MΩ							
Pin contant/插针材料	CuZn							
Socket contact/插孔材料	CuSn							
Contact plating/针孔镀层材料	Au							

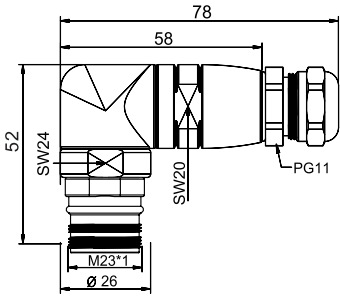
M23 Circular connectors

Male assembly connector (90°)

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

6pins 7pins 8+1pins 6+3pins 12pins 16pins 17pins 16+3pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
6pins	230006-01-002	—
7pins	230007-01-002	—
8+1pins	230009-01-002	—
6+3pins	230009-01-004	—
12pins	230012-01-003	—
16pins	230016-01-002	—
17pins	230017-01-002	—
16+3pins	230019-01-003	—

Specifications/技术参数

Number of contacts/芯数	6	7	8+1	6+3	12	16	17	16+3
Termination/接线方式	solder/焊接							
Wire gauge/线规	2.5mm ² (14AWG)	8*1.5+1*2.5mm ² (16/14AWG)		6*1.5+3*2.5mm ² (16/14AWG)		1.0mm ² (18AWG)		16*1.0+3*1.5mm ² (18/16AWG)
Cable OD/线材直径	6~8mm							
Operating temperature/工作温度	-40℃~+125℃							
Mechanical operation/插拔次数	> 100 mating cycles							
Rated voltage/额定电压	250V				150V			
Rated current (40℃)/额定电流	20A	8*8A+1*20A		6*8A+3*20A		8A		16*8A+3*10A
Protection degree/防护等级	IP67/IP68							
Contact resistance/接触电阻	≤5mΩ							
Insulation resistance/绝缘电阻	≥10 ³ MΩ							
Pin contant/插针材料	CuZn							
Socket contact/插孔材料	CuSn							
Contact plating/针孔镀层材料	Au							

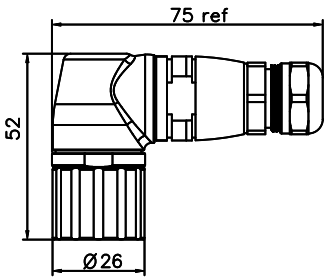
M23 Circular connectors

Female assembly connector (90°)

Product figure

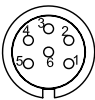


Scale diagram



Contact layout/针孔排布 (Front view/前视图)

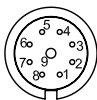
6pins



7pins



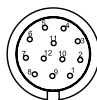
8+1pins



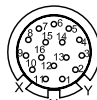
6+3pins



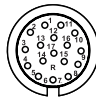
12pins



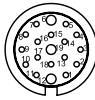
16pins



17pins



16+3pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
6pins	230006-02-002	—
7pins	230007-02-002	—
8+1pins	230009-02-002	—
6+3pins	230009-02-003	—
12pins	230012-02-002	—
16pins	230016-02-002	—
17pins	230017-02-002	—
16+3pins	230019-02-002	—

Specifications/技术参数

Number of contacts/芯数	6	7	8+1	6+3	12	16	17	16+3
Termination/接线方式	solder/焊接							
Wire gauge/线规	2.5mm ² (14AWG)	8*1.5+1*2.5mm ² (16/14AWG)		6*1.5+3*2.5mm ² (16/14AWG)		1.0mm ² (18AWG)		16*1.0+3*1.5mm ² (18/16AWG)
Cable OD/线材直径	6~8mm							
Operating temperature/工作温度	-40℃~+125℃							
Mechanical operation/插拔次数	> 100 mating cycles							
Rated voltage/额定电压	250V				150V			
Rated current (40℃)/额定电流	20A	8*8A+1*20A		6*8A+3*20A		8A		16*8A+3*10A
Protection degree/防护等级	IP67/IP68							
Contact resistance/接触电阻	≤5mΩ							
Insulation resistance/绝缘电阻	≥10 ³ MΩ							
Pin contant/插针材料	CuZn							
Socket contact/插孔材料	CuSn							
Contact plating/针孔镀层材料	Au							

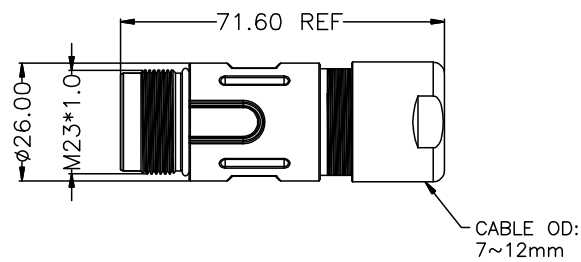
M23 Circular connectors

Male assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

5+PE

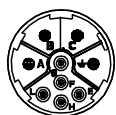
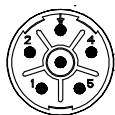
4+3+PE

(5+3+PE)-A

(5+3+PE)-B

4+4+3+PE

4+4+4+PE



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
5+PE	230006-01-003	—
4+3+PE	230008-01-001	—
(5+3+PE)-A	230009-01-008	—
(5+3+PE)-B	230009-01-009	—
4+4+3+PE	230012-01-013	—
4+4+4+PE	230013-01-001	—

Specifications/技术参数

Number of contacts/芯数	5+PE	4+3+PE	(5+3+PE)-A	(5+3+PE)-B	4+4+3+PE	4+4+4+PE
Termination/接线方式	crimp/压接					
Wire gauge/线规	0.75~2.5mm ² (18~14AWG)					
Cable OD/线材直径	7~12mm					
Operating temperature/工作温度	-40°C~+125°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	630V	300V/600V	300V/600V		60V/300V/600V	50V/50V/630V
Rated current (40°C)/额定电流	30A	8A/28A	10A/28A		2A/8A/28A	3.6A/8A/28A
Protection degree/防护等级	IP69K					
Contact resistance/接触电阻	≤5mΩ					
Insulation resistance/绝缘电阻	> 100MΩ					
Pin contant/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

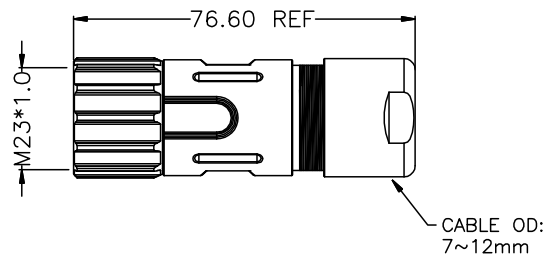
M23 Circular connectors

Female assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

5+PE 4+3+PE (5+3+PE)-A (5+3+PE)-B 4+4+3+PE 4+4+4+PE



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
5+PE	230006-02-004	—
4+3+PE	230008-02-003	—
(5+3+PE)-A	230009-02-005	—
(5+3+PE)-B	230009-02-006	—
4+4+3+PE	230012-02-008	—
4+4+4+PE	230013-02-001	—

Specifications/技术参数

Number of contacts/芯数	5+PE	4+3+PE	(5+3+PE)-A	(5+3+PE)-B	4+4+3+PE	4+4+4+PE
Termination/接线方式	crimp/压接					
Wire gauge/线规	0.75~2.5mm ² (18~14AWG)					
Cable OD/线材直径	7~12mm					
Operating temperature/工作温度	-40°C~+125°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	630V	300V/600V	300V/600V		60V/300V/600V	50V/50V/630V
Rated current (40°C)/额定电流	30A	8A/28A	10A/28A		2A/8A/28A	3.6A/8A/28A
Protection degree/防护等级	IP69K					
Contact resistance/接触电阻	≤5mΩ					
Insulation resistance/绝缘电阻	> 100MΩ					
Pin contant/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

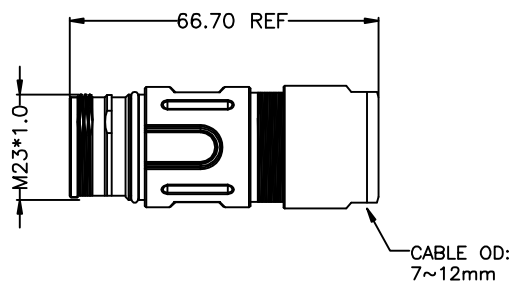
M23 Circular connectors

Male assembly connector

Product figure

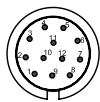


Scale diagram

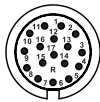


Contact layout/针孔排布 (Front view/前视图)

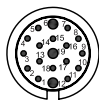
12pins



17pins



16+3pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
12pins	230012-01-008	—
17pins	230017-01-003	—
19pins	230019-01-005-1	—

Specifications/技术参数

Number of contacts/芯数	12	17	16+3
Termination/接线方式	crimp/压接		
Wire gauge/线规	0.14~1.0mm ² (26~17AWG)		
Cable OD/线材直径	7~12mm		
Operating temperature/工作温度	-40°C~+125°C		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	150V		
Rated current (40°C)/额定电流	8A		16*3A+3*10A
Protection degree/防护等级	IP69K		
Contact resistance/接触电阻	≤5mΩ		
Insulation resistance/绝缘电阻	> 100MΩ		
Pin contact/插针材料	CuZn		
Socket contact/插孔材料	CuSn		
Contact plating/针孔镀层材料	Au		

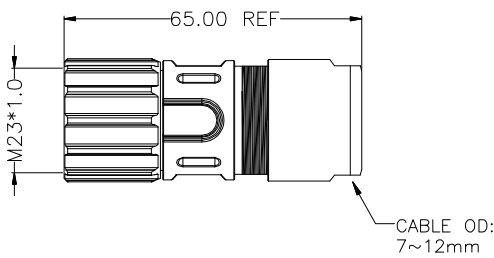
M23 Circular connectors

Female assembly connector

Product figure

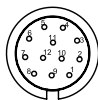


Scale diagram

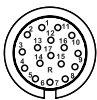


Contact layout/针孔排布 (Front view/前视图)

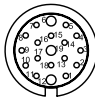
12pins



17pins



16+3pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
12pins	230012-02-004	—
17pins	230017-02-005	—
19pins	230019-02-003-1	—

Specifications/技术参数

Number of contacts/芯数	12	17	16+3
Termination/接线方式	crimp/压接		
Wire gauge/线规	0.14~1.0mm ² (26~17AWG)		
Cable OD/线材直径	7~12mm		
Operating temperature/工作温度	-40°C~+125°C		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	150V		
Rated current (40°C)/额定电流	8A		16*3A+3*10A
Protection degree/防护等级	IP69K		
Contact resistance/接触电阻	≤5mΩ		
Insulation resistance/绝缘电阻	> 100MΩ		
Pin contact/插针材料	CuZn		
Socket contact/插孔材料	CuSn		
Contact plating/针孔镀层材料	Au		

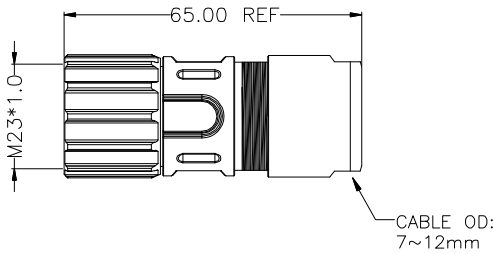
M23 Circular connectors

Male assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

12pins



17pins



16+3pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
12pins	230012-01-012	—
17pins	230017-01-006	—
19pins	230019-01-007	—

Specifications/技术参数

Number of contacts/芯数	12	17	16+3
Termination/接线方式	crimp/压接		
Wire gauge/线规	0.14~1.0mm ² (26~17AWG)		
Cable OD/线材直径	7~12mm		
Operating temperature/工作温度	-40°C~+125°C		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	150V		
Rated current (40°C)/额定电流	8A		16*3A+3*10A
Protection degree/防护等级	IP69K		
Contact resistance/接触电阻	≤5mΩ		
Insulation resistance/绝缘电阻	> 100MΩ		
Pin contact/插针材料	CuZn		
Socket contact/插孔材料	CuSn		
Contact plating/针孔镀层材料	Au		

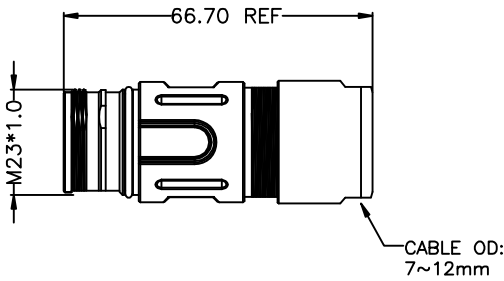
M23 Circular connectors

Female assembly connector

Product figure

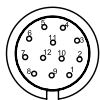


Scale diagram

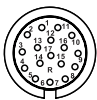


Contact layout/针孔排布 (Front view/前视图)

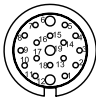
12pins



17pins



16+3pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
12pins	230012-02-007	—
17pins	230017-02-007	—
19pins	230019-02-005	—

Specifications/技术参数

Number of contacts/芯数	12	17	16+3
Termination/接线方式	crimp/压接		
Wire gauge/线规	0.14~1.0mm ² (26~17AWG)		
Cable OD/线材直径	7~12mm		
Operating temperature/工作温度	-40°C~+125°C		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	150V		
Rated current (40°C)/额定电流	8A		16*3A+3*10A
Protection degree/防护等级	IP69K		
Contact resistance/接触电阻	≤5mΩ		
Insulation resistance/绝缘电阻	> 100MΩ		
Pin contact/插针材料	CuZn		
Socket contact/插孔材料	CuSn		
Contact plating/针孔镀层材料	Au		

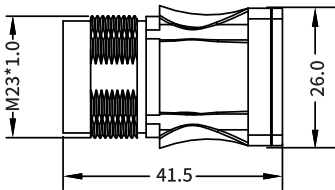
M23 Circular connectors

Male panel connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

5+PE



4+3+PE



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
5+PE	230006-03-003	PMM23LM06003
4+3+PE	230008-03-001	PMM23LM08001

Specifications/技术参数

Number of contacts/芯数	5+PE	4+3+PE
Termination/接线方式	crimp/压接	
Wire gauge/线规	0.75~2.5mm ² (18~14AWG)	
Operating temperature/工作温度	-40°C~+125°C	
Mechanical operation/插拔次数	> 100 mating cycles	
Rated voltage/额定电压	630V	300V/800V
Rated current (40°C)/额定电流	30A	8A/28A
Protection degree/防护等级	IP69K	
Contact resistance/接触电阻	≤5mΩ	
Insulation resistance/绝缘电阻	> 100MΩ	
Pin contact/插针材料	CuZn	
Socket contact/插孔材料	CuSn	
Contact plating/针孔镀层材料	Au	

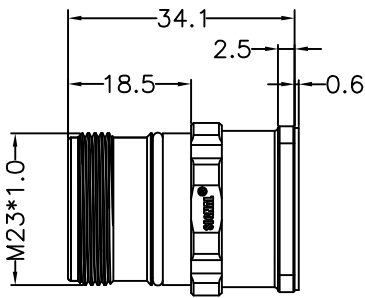
M23 Circular connectors

Male panel connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

5+PE

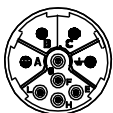
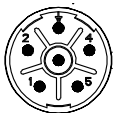
4+3+PE

(5+3+PE)-A

(5+3+PE)-B

4+4+3+PE

4+4+4+PE



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
5+PE	230006-03-007	—
4+3+PE	230008-03-003	—
(5+3+PE)-A	230009-03-004	—
(5+3+PE)-B	230009-03-005	—
4+4+3+PE	230012-03-015	—
4+4+4+PE	230013-03-001	—

Specifications/技术参数

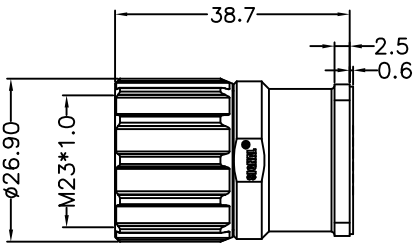
Number of contacts/芯数	5+PE	4+3+PE	(5+3+PE)-A	(5+3+PE)-B	4+4+3+PE	4+4+4+PE
Termination/接线方式	crimp/压接					
Wire gauge/线规	0.75~2.5mm ² (18~14AWG)					
Cable OD/线材直径	7~12mm					
Operating temperature/工作温度	-40°C~+125°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	630V	300V/600V	300V/600V		60V/300V/600V	50V/50V/630V
Rated current (40°C)/额定电流	30A	8A/28A	10A/28A		2A/8A/28A	3.6A/8A/28A
Protection degree/防护等级	IP69K					
Contact resistance/接触电阻	≤5mΩ					
Insulation resistance/绝缘电阻	> 100MΩ					
Pin contant/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

Female panel connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

5+PE

4+3+PE

(5+3+PE)-A

(5+3+PE)-B

4+4+3+PE

4+4+4+PE



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
5+PE	230006-04-006	—
4+3+PE	230008-04-003	—
(5+3+PE)-A	230009-04-004	—
(5+3+PE)-B	230009-04-005	—
4+4+3+PE	230012-04-010	—
4+4+4+PE	230013-04-001	—

Specifications/技术参数

Number of contacts/芯数	5+PE	4+3+PE	(5+3+PE)-A	(5+3+PE)-B	4+4+3+PE	4+4+4+PE
Termination/接线方式	crimp/压接					
Wire gauge/线规	0.75~2.5mm ² (18~14AWG)					
Cable OD/线材直径	7~12mm					
Operating temperature/工作温度	-40°C~+125°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	630V	300V/600V	300V/600V		60V/300V/600V	50V/50V/630V
Rated current (40°C)/额定电流	30A	8A/28A	10A/28A		2A/8A/28A	3.6A/8A/28A
Protection degree/防护等级	IP69K					
Contact resistance/接触电阻	≤5mΩ					
Insulation resistance/绝缘电阻	> 100MΩ					
Pin contant/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

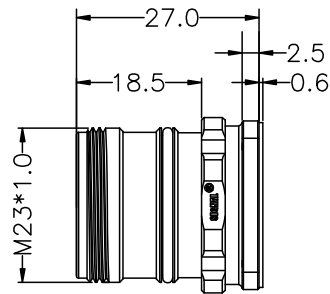
M23 Circular connectors

Male panel connector

Product figure

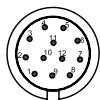


Scale diagram

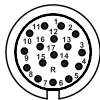


Contact layout/针孔排布 (Front view/前视图)

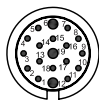
12pins



17pins



19pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
12pins	230012-03-010	—
17pins	230017-03-006	—
19pins	230019-03-007	—

Specifications/技术参数

Number of contacts/芯数	12	17	19
Termination/接线方式	crimp/压接		
Wire gauge/线规	0.14~1.0mm ² (26~17AWG)		
Operating temperature/工作温度	-40°C~+125°C		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	150V		
Rated current (40°C)/额定电流	8A		16*3A+3*10A
Protection degree/防护等级	IP69K		
Contact resistance/接触电阻	≤5mΩ		
Insulation resistance/绝缘电阻	> 100MΩ		
Pin contact/插针材料	CuZn		
Socket contact/插孔材料	CuSn		
Contact plating/针孔镀层材料	Au		

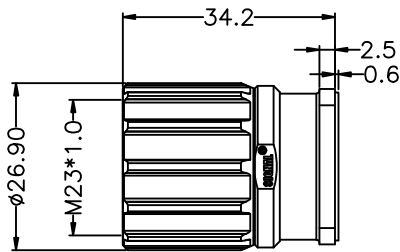


Female panel connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

12pins



17pins



19pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
12pins	230012-04-008	—
17pins	230017-04-005	—
19pins	230019-04-006	—

Specifications/技术参数

Number of contacts/芯数	12	17	19
Termination/接线方式	crimp/压接		
Wire gauge/线规	0.14~1.0mm ² (26~17AWG)		
Operating temperature/工作温度	-40℃~+125℃		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	150V		
Rated current (40℃)/额定电流	8A		16*3A+3*10A
Protection degree/防护等级	IP69K		
Contact resistance/接触电阻	≤5mΩ		
Insulation resistance/绝缘电阻	> 100MΩ		
Pin contact/插针材料	CuZn		
Socket contact/插孔材料	CuSn		
Contact plating/针孔镀层材料	Au		

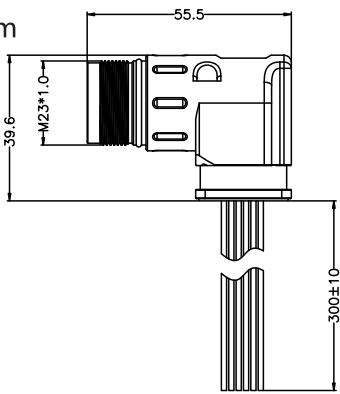
M23 Circular connectors

Male panel connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

5+PE

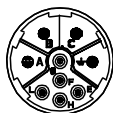
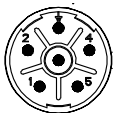
4+3+PE

(5+3+PE)-A

(5+3+PE)-B

4+4+3+PE

4+4+4+PE



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
5+PE	230006-03-006	—
4+3+PE	230008-03-005	—
(5+3+PE)-A	230009-03-005	—
(5+3+PE)-B	230009-03-006	—
4+4+3+PE	230012-03-016	—
4+4+4+PE	230013-03-002	—

Specifications/技术参数

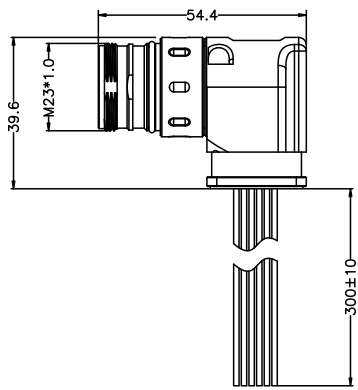
Number of contacts/芯数	5+PE	4+3+PE	(5+3+PE)-A	(5+3+PE)-B	4+4+3+PE	4+4+4+PE
Termination/接线方式	crimp/压接					
Wire gauge/线规	0.75~2.5mm ² (18~14AWG)					
Cable OD/线材直径	7~12mm					
Operating temperature/工作温度	-40°C~+125°C					
Mechanical operation/插拔次数	> 100 mating cycles					
Rated voltage/额定电压	630V	300V/600V	300V/600V		60V/300V/600V	50V/50V/630V
Rated current (40°C)/额定电流	30A	8A/28A	10A/28A		2A/8A/28A	3.6A/8A/28A
Protection degree/防护等级	IP69K					
Contact resistance/接触电阻	≤5mΩ					
Insulation resistance/绝缘电阻	> 100MΩ					
Pin contant/插针材料	CuZn					
Socket contact/插孔材料	CuSn					
Contact plating/针孔镀层材料	Au					

Male panel connector

Product figure

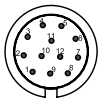


Scale diagram

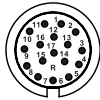


Contact layout/针孔排布 (Front view/前视图)

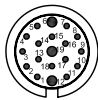
12pins



17pins



19pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
12pins	230012-03-008	—
17pins	230017-03-007	—
19pins	230019-03-008	—

Specifications/技术参数

Number of contacts/芯数	12	17	19
Termination/接线方式	crimp/压接		
Wire gauge/线规	0.14~1.0mm ² (26~17AWG)		
Operating temperature/工作温度	-40°C~+125°C		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	150V		
Rated current (40°C)/额定电流	8A		16*3A+3*10A
Protection degree/防护等级	IP69K		
Contact resistance/接触电阻	≤5mΩ		
Insulation resistance/绝缘电阻	> 100MΩ		
Pin contact/插针材料	CuZn		
Socket contact/插孔材料	CuSn		
Contact plating/针孔镀层材料	Au		

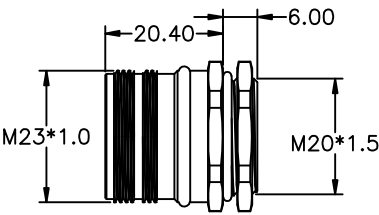
M23 Circular connectors

Male panel connector

Product figure (rear fastened)

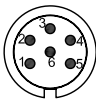


Scale diagram



Contact layout/针孔排布 (Front view/前视图)

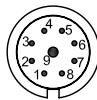
6pins



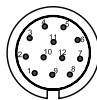
7pins



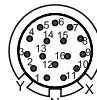
9pins



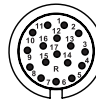
12pins



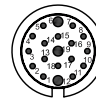
16pins



17pins



19pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
6pins	230006-03-001	PMM23BM06001
7pins	230007-03-001	PMM23BM07001
9pins	230009-03-001	PMM23BM09001
12pins	230012-03-001	PMM23BM12001
16pins	230016-03-001	PMM23BM16001
17pins	230017-03-001	PMM23BM17001
19pins	230019-03-001	PMM23BM19001

Specifications/技术参数

Number of contacts/芯数	6	7	9	12	16	17	19
Termination/接线方式	solder/焊接						
Wire gauge/线规	2.5mm ² (14AWG)	8*1.5+1*2.5mm ² (16/14AWG)		1.0mm ² (18AWG)		16*1.0+3*1.5mm ² (18/16AWG)	
Operating temperature/工作温度	-40°C~+125°C						
Mechanical operation/插拔次数	> 100 mating cycles						
Rated voltage/额定电压	250V			150V			
Rated current (40°C)/额定电流	20A	8*8A+1*20A		8A		16*8A+3*10A	
Protection degree/防护等级	IP67/IP68						
Contact resistance/接触电阻	≤5mΩ						
Insulation resistance/绝缘电阻	≥10 ³ MΩ						
Pin contant/插针材料	CuZn						
Socket contact/插孔材料	CuSn						
Contact plating/针孔镀层材料	Au						

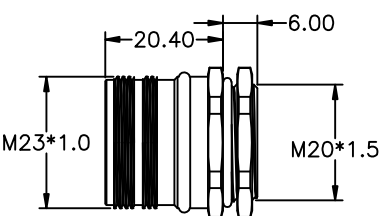
M23 Circular connectors

Female panel connector

Product figure (rear fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

6pins



7pins



9pins



12pins



16pins



17pins



19pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
6pins	230006-04-002	PMM23BF06001
7pins	230007-04-002	PMM23BF07001
9pins	230009-04-002	PMM23BF09001
12pins	230012-04-003	PMM23BF12002
16pins	230016-04-002	PMM23BF16001
17pins	230017-04-002	PMM23BF17001
19pins	230019-04-003	PMM23BF19002

Specifications/技术参数

Number of contacts/芯数	6	7	9	12	16	17	19
Termination/接线方式	solder/焊接						
Wire gauge/线规	2.5mm ² (14AWG)	8*1.5+1*2.5mm ² (16/14AWG)		1.0mm ² (18AWG)		16*1.0+3*1.5mm ² (18/16AWG)	
Operating temperature/工作温度	-40°C~+125°C						
Mechanical operation/插拔次数	> 100 mating cycles						
Rated voltage/额定电压	250V			150V			
Rated current (40°C)/额定电流	20A	8*8A+1*20A		8A		16*8A+3*10A	
Protection degree/防护等级	IP67/IP68						
Contact resistance/接触电阻	≤5mΩ						
Insulation resistance/绝缘电阻	≥10 ³ MΩ						
Pin contant/插针材料	CuZn						
Socket contact/插孔材料	CuSn						
Contact plating/针孔镀层材料	Au						

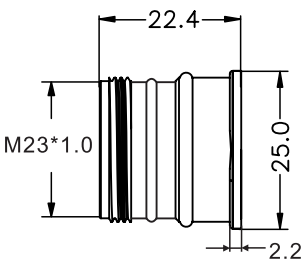
M23 Circular connectors

Male panel connector

Product figure

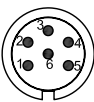


Scale diagram



Contact layout/针孔排布 (Front view/前视图)

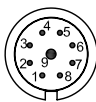
6pins



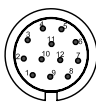
7pins



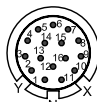
9pins



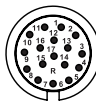
12pins



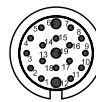
16pins



17pins



19pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
6pins	230006-03-002	PMM23LM06001
7pins	230007-03-002	PMM23LM07001
9pins	230009-03-002	PMM23LM09001
12pins	230012-03-003	PMM23LM12001
16pins	230016-03-002	PMM23LM16001
17pins	230017-03-002	PMM23LM17001
19pins	230019-03-003	PMM23LM19001

Specifications/技术参数

Number of contacts/芯数	6	7	9	12	16	17	19
Termination/接线方式	solder/焊接						
Wire gauge/线规	2.5mm ² (14AWG)	8*1.5+1*2.5mm ² (16/14AWG)		1.0mm ² (18AWG)		16*1.0+3*1.5mm ² (18/16AWG)	
Operating temperature/工作温度	-40°C~+125°C						
Mechanical operation/插拔次数	> 100 mating cycles						
Rated voltage/额定电压	250V			150V			
Rated current (40°C)/额定电流	20A	8*8A+1*20A		8A		16*8A+3*10A	
Protection degree/防护等级	IP67/IP68						
Contact resistance/接触电阻	≤5mΩ						
Insulation resistance/绝缘电阻	≥10 ³ MΩ						
Pin contant/插针材料	CuZn						
Socket contact/插孔材料	CuSn						
Contact plating/针孔镀层材料	Au						

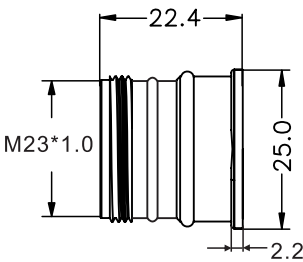
M23 Circular connectors

Female panel connector

Product figure

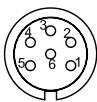


Scale diagram

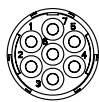


Contact layout/针孔排布 (Front view/前视图)

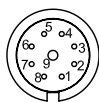
6pins



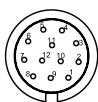
7pins



9pins



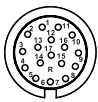
12pins



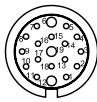
16pins



17pins



19pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
6pins	230006-04-001	PMM23LF06001
7pins	230007-04-001	PMM23LF07001
9pins	230009-04-001	PMM23LF09001
12pins	230012-04-001	PMM23LF12001
16pins	230016-04-001	PMM23LF16001
17pins	230017-04-001	PMM23LF17001
19pins	230019-04-001	PMM23LF19001

Specifications/技术参数

Number of contacts/芯数	6	7	9	12	16	17	19
Termination/接线方式	solder/焊接						
Wire gauge/线规	2.5mm ² (14AWG)	8*1.5+1*2.5mm ² (16/14AWG)		1.0mm ² (18AWG)		16*1.0+3*1.5mm ² (18/16AWG)	
Operating temperature/工作温度	-40°C~+125°C						
Mechanical operation/插拔次数	> 100 mating cycles						
Rated voltage/额定电压	250V			150V			
Rated current (40°C)/额定电流	20A	8*8A+1*20A		8A		16*8A+3*10A	
Protection degree/防护等级	IP67/IP68						
Contact resistance/接触电阻	≤5mΩ						
Insulation resistance/绝缘电阻	≥10 ³ MΩ						
Pin contant/插针材料	CuZn						
Socket contact/插孔材料	CuSn						
Contact plating/针孔镀层材料	Au						

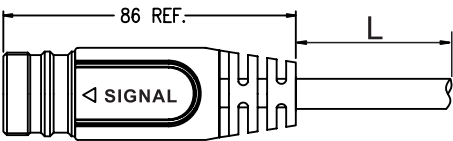
M23 Circular connectors

Male cable

Product figure

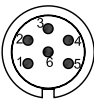


Scale diagram



Contact layout/针孔排布 (Front view/前视图)

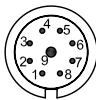
6pins



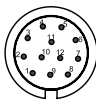
7pins



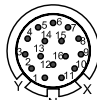
9pins



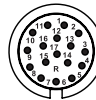
12pins



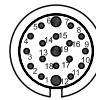
16pins



17pins



19pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
6pins	230006-05-001	CAM23SM06001
7pins	230007-05-001	CAM23SM07001
9pins	230009-05-001	CAM23SM09001
12pins	230012-05-001	CAM23SM12001
16pins	230016-05-001	CAM23SM16001
17pins	230017-05-001	CAM23SM17001
19pins	230019-05-001	CAM23SM19001

Specifications/技术参数

Number of contacts/芯数	6	7	9	12	16	17	19
Termination/接线方式	moulded on cable/成型线						
Wire gauge/线规	2.5mm ² (14AWG)	8*1.5+1*2.5mm ² (16/14AWG)		1.0mm ² (18AWG)		16*1.0+3*1.5mm ² (18/16AWG)	
Operating temperature/工作温度	-40℃~+80℃						
Mechanical operation/插拔次数	> 100 mating cycles						
Rated voltage/额定电压	250V			150V			
Rated current (40℃)/额定电流	20A	8*8A+1*20A		8A		16*8A+3*10A	
Protection degree/防护等级	IP67/IP68						
Contact resistance/接触电阻	≤5mΩ						
Insulation resistance/绝缘电阻	≥10 ³ MΩ						
Pin contant/插针材料	CuZn						
Socket contact/插孔材料	CuSn						
Contact plating/针孔镀层材料	Au						

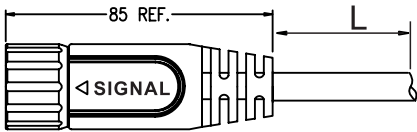
M23 Circular connectors

Female cable

Product figure

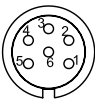


Scale diagram



Contact layout/针孔排布 (Front view/前视图)

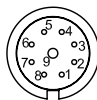
6pins



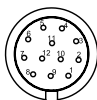
7pins



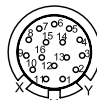
9pins



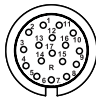
12pins



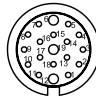
16pins



17pins



19pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
6pins	230006-06-001	CAM23SF06001
7pins	230007-06-001	CAM23SF07001
9pins	230009-06-001	CAM23SF09001
12pins	230012-06-001	CAM23SF12001
16pins	230016-06-001	CAM23SF16001
17pins	230017-06-001	CAM23SF17001
19pins	230019-06-001	CAM23SF19001

Specifications/技术参数

Number of contacts/芯数	6	7	9	12	16	17	19
Termination/接线方式	moulded on cable/成型线						
Wire gauge/线规	2.5mm ² (14AWG)	8*1.5+1*2.5mm ² (16/14AWG)		1.0mm ² (18AWG)		16*1.0+3*1.5mm ² (18/16AWG)	
Operating temperature/工作温度	-40℃~+80℃						
Mechanical operation/插拔次数	> 100 mating cycles						
Rated voltage/额定电压	250V			150V			
Rated current (40℃)/额定电流	20A	8*8A+1*20A		8A		16*8A+3*10A	
Protection degree/防护等级	IP67/IP68						
Contact resistance/接触电阻	≤5mΩ						
Insulation resistance/绝缘电阻	≥10 ³ MΩ						
Pin contant/插针材料	CuZn						
Socket contact/插孔材料	CuSn						
Contact plating/针孔镀层材料	Au						

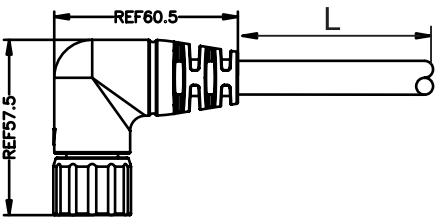
M23 Circular connectors

Female cable (90°)

Product figure

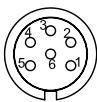


Scale diagram



Contact layout/针孔排布 (Front view/前视图)

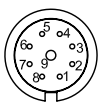
6pins



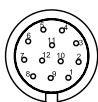
7pins



9pins



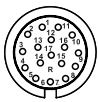
12pins



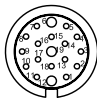
16pins



17pins



19pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
6pins	230006-06-002	CAM23SF06002
7pins	230006-06-002	CAM23SF07002
9pins	230009-06-002	CAM23SF09002
12pins	230012-06-002	CAM23SF12002
16pins	230016-06-002	CAM23SF16002
17pins	230017-06-002	CAM23SF17002
19pins	230019-06-002	CAM23SF19002

Specifications/技术参数

Number of contacts/芯数	6	7	9	12	16	17	19
Termination/接线方式	moulded on cable/成型线						
Wire gauge/线规	2.5mm ² (14AWG)	8*1.5+1*2.5mm ² (16/14AWG)		1.0mm ² (18AWG)		16*1.0+3*1.5mm ² (18/16AWG)	
Operating temperature/工作温度	-40℃~+80℃						
Mechanical operation/插拔次数	> 100 mating cycles						
Rated voltage/额定电压	250V			150V			
Rated current (40℃)/额定电流	20A	8*8A+1*20A		8A		16*8A+3*10A	
Protection degree/防护等级	IP67/IP68						
Contact resistance/接触电阻	≤5mΩ						
Insulation resistance/绝缘电阻	≥10 ³ MΩ						
Pin contant/插针材料	CuZn						
Socket contact/插孔材料	CuSn						
Contact plating/针孔镀层材料	Au						

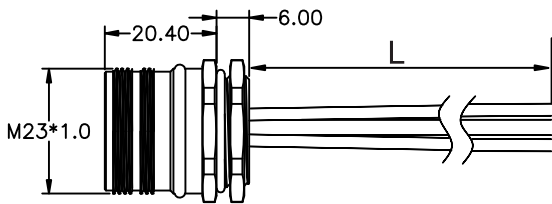
M23 Circular connectors

Male panel connector

Product figure (rear fastened)

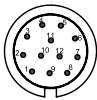


Scale diagram

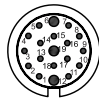


Contact layout/针孔排布 (Front view/前视图)

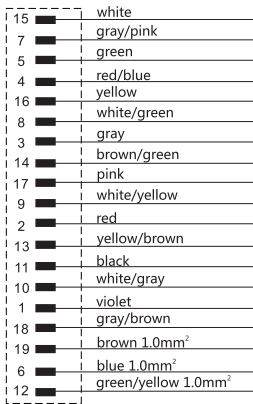
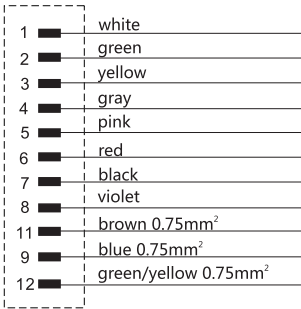
12pins



19pins



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC	TPE
0.1M	12pins	8×0.34mm ² +3×0.75mm ²	230012-03-811	230012-03-821
	19pins	16×0.34mm ² +3×0.75mm ²	230019-03-811	230019-03-821
0.2M	12pins	8×0.34mm ² +3×0.75mm ²	230012-03-812	230012-03-822
	19pins	16×0.34mm ² +3×0.75mm ²	230019-03-812	230019-03-822
0.5M	12pins	8×0.34mm ² +3×0.75mm ²	230012-03-813	230012-03-823
	19pins	16×0.34mm ² +3×0.75mm ²	230019-03-813	230019-03-823
1.0M	12pins	8×0.34mm ² +3×0.75mm ²	230012-03-814	230012-03-824
	19pins	16×0.34mm ² +3×0.75mm ²	230019-03-814	230019-03-824

Specifications/技术参数

Number of contacts/芯数	12	19
Rated voltage/额定电压	150V	
Rated current (40°C)/额定电流	8A	16×8A+3×10A
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-40°C ~ +80°C	

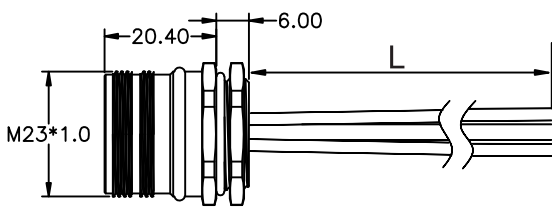
M23 Circular connectors

Female panel connector

Product figure (rear fastened)

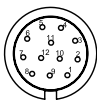


Scale diagram

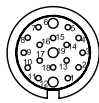


Contact layout/针孔排布 (Front view/前视图)

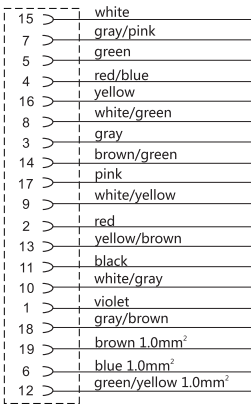
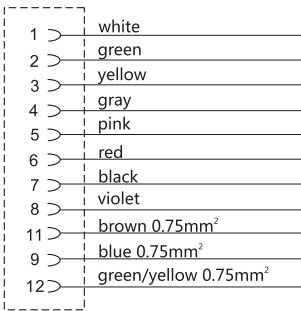
12pins



19pins



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC	TPE
0.1M	12pins	8×0.34mm ² +3×0.75mm ²	230012-04-811	230012-04-821
	19pins	16×0.34mm ² +3×0.75mm ²	230019-04-811	230019-04-821
0.2M	12pins	8×0.34mm ² +3×0.75mm ²	230012-04-812	230012-04-822
	19pins	16×0.34mm ² +3×0.75mm ²	230019-04-812	230019-04-822
0.5M	12pins	8×0.34mm ² +3×0.75mm ²	230012-04-813	230012-04-823
	19pins	16×0.34mm ² +3×0.75mm ²	230019-04-813	230019-04-823
1.0M	12pins	8×0.34mm ² +3×0.75mm ²	230012-04-814	230012-04-824
	19pins	16×0.34mm ² +3×0.75mm ²	230019-04-814	230019-04-824

Specifications/技术参数

Number of contacts/芯数	12	19
Rated voltage/额定电压	150V	
Rated current (40°C)/额定电流	8A	16×8A+3×10A
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-40°C ~ +80°C	

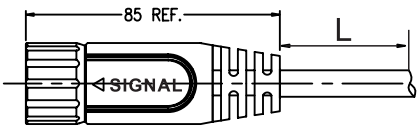
M23 Circular connectors

Female cable

Product figure

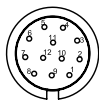


Scale diagram

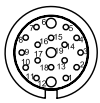


Contact layout/针孔排布 (Front view/前视图)

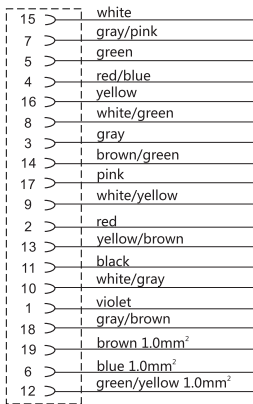
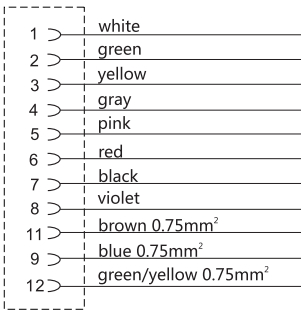
12pins



19pins



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
1.5M	12pins	8×0.34mm ² +3×0.75mm ²	230012-06-601	230012-06-641	230012-06-621	230012-06-661
	19pins	16×0.34mm ² +3×0.75mm ²	230019-06-601	230019-06-641	230019-06-621	230019-06-661
3.0M	12pins	8×0.34mm ² +3×0.75mm ²	230012-06-602	230012-06-642	230012-06-622	230012-06-662
	19pins	16×0.34mm ² +3×0.75mm ²	230019-06-602	230019-06-642	230019-06-622	230019-06-662
5.0M	12pins	8×0.34mm ² +3×0.75mm ²	230012-06-603	230012-06-643	230012-06-623	230012-06-663
	19pins	16×0.34mm ² +3×0.75mm ²	230019-06-603	230019-06-643	230019-06-623	230019-06-663
7.5M	12pins	8×0.34mm ² +3×0.75mm ²	230012-06-604	230012-06-644	230012-06-624	230012-06-664
	19pins	16×0.34mm ² +3×0.75mm ²	230019-06-604	230019-06-644	230019-06-624	230019-06-664
10M	12pins	8×0.34mm ² +3×0.75mm ²	230012-06-605	230012-06-645	230012-06-625	230012-06-665
	19pins	16×0.34mm ² +3×0.75mm ²	230019-06-605	230019-06-645	230019-06-625	230019-06-665

Specifications/技术参数

Number of contacts/芯数	12	19
Rated voltage/额定电压	150V	
Rated current (40°C)/额定电流	8A	16×8A+3×10A
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-40°C~+80°C	
Cable OD /线材直径	9.1mm	10.6mm

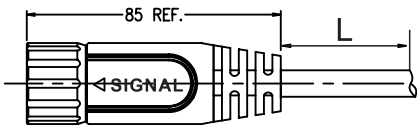
M23 Circular connectors

Female cable

Product figure

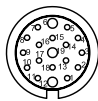


Scale diagram

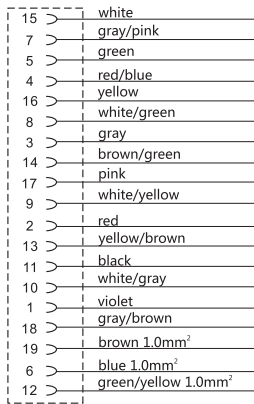


Contact layout/针孔排布 (Front view/前视图)

19pins



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR
			gray/灰色
1.5M	19pins	16×0.5mm ² +3×1mm ²	230019-06-691
3.0M	19pins	16×0.5mm ² +3×1mm ²	230019-06-692
5.0M	19pins	16×0.5mm ² +3×1mm ²	230019-06-693
7.5M	19pins	16×0.5mm ² +3×1mm ²	230019-06-694
10M	19pins	16×0.5mm ² +3×1mm ²	230019-06-695

Specifications/技术参数

Number of contacts/芯数	19
Rated voltage/额定电压	150V
Rated current (40°C)/额定电流	16×8A+3×10A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-40°C ~ +80°C
Cable OD /线材直径	11.5mm

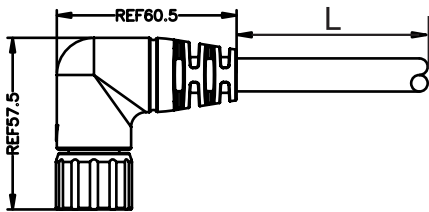
M23 Circular connectors

Female cable (90°)

Product figure

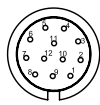


Scale diagram

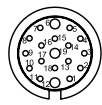


Contact layout/针孔排布 (Front view/前视图)

12pins



19pins



Circuit diagram/电路图

1	white
2	green
3	yellow
4	gray
5	pink
6	red
7	black
8	violet
11	brown 0.75mm ²
9	blue 0.75mm ²
12	green/yellow 0.75mm ²

15	white
7	gray/pink
5	green
4	red/blue
16	yellow
8	white/green
3	gray
14	brown/green
17	pink
9	white/yellow
2	red
13	yellow/brown
11	black
10	white/gray
1	violet
18	gray/brown
19	brown 1.0mm ²
6	blue 1.0mm ²
12	green/yellow 1.0mm ²

Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC		PUR	
			black/黑色	gray/灰色	black/黑色	gray/灰色
1.5M	12pins	8×0.34mm ² +3×0.75mm ²	230012-06-901	230012-06-941	230012-06-921	230012-06-961
	19pins	16×0.34mm ² +3×0.75mm ²	230019-06-901	230019-06-941	230019-06-921	230019-06-961
3.0M	12pins	8×0.34mm ² +3×0.75mm ²	230012-06-902	230012-06-942	230012-06-922	230012-06-962
	19pins	16×0.34mm ² +3×0.75mm ²	230019-06-902	230019-06-942	230019-06-922	230019-06-962
5.0M	12pins	8×0.34mm ² +3×0.75mm ²	230012-06-903	230012-06-943	230012-06-923	230012-06-963
	19pins	16×0.34mm ² +3×0.75mm ²	230019-06-903	230019-06-943	230019-06-923	230019-06-963
7.5M	12pins	8×0.34mm ² +3×0.75mm ²	230012-06-904	230012-06-944	230012-06-924	230012-06-964
	19pins	16×0.34mm ² +3×0.75mm ²	230019-06-904	230019-06-944	230019-06-924	230019-06-964
10M	12pins	8×0.34mm ² +3×0.75mm ²	230012-06-905	230012-06-945	230012-06-925	230012-06-965
	19pins	16×0.34mm ² +3×0.75mm ²	230019-06-905	230019-06-945	230019-06-925	230019-06-965

Specifications/技术参数

Number of contacts/芯数	12	19
Rated voltage/额定电压	150V	
Rated current (40°C)/额定电流	8A	16×8A+3×10A
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-40°C~+80°C	
Cable OD /线材直径	9.1mm	10.6mm

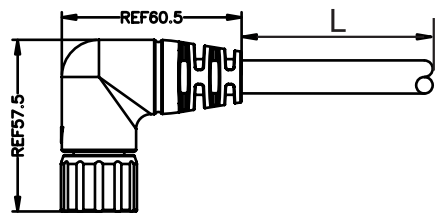
M23 Circular connectors

Female cable (90°)

Product figure

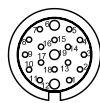


Scale diagram

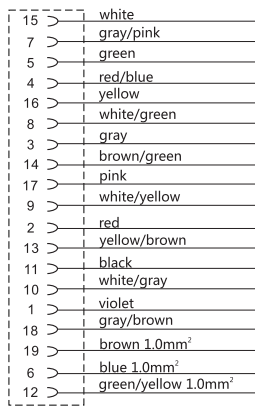


Contact layout/针孔排布 (Front view/前视图)

19pins



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PUR
			gray/灰色
1.5M	19pins	16×0.5mm ² +3×1mm ²	230019-06-991
3.0M	19pins	16×0.5mm ² +3×1mm ²	230019-06-992
5.0M	19pins	16×0.5mm ² +3×1mm ²	230019-06-993
7.5M	19pins	16×0.5mm ² +3×1mm ²	230019-06-994
10M	19pins	16×0.5mm ² +3×1mm ²	230019-06-995

Specifications/技术参数

Number of contacts/芯数	19
Rated voltage/额定电压	150V
Rated current (40°C)/额定电流	16×8A+3×10A
Protection degree/防护等级	IP67/IP68
Operating temperature/工作温度	-40°C~+80°C
Cable OD /线材直径	11.5mm

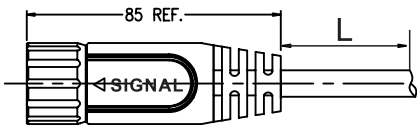
M23 Circular connectors

Female cable (with shield)

Product figure

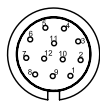


Scale diagram

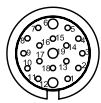


Contact layout/针孔排布 (Front view/前视图)

12pins



19pins



Circuit diagram/电路图

1	white
2	green
3	yellow
4	gray
5	pink
6	red
7	black
8	violet
11	brown 0.75mm ²
9	blue 0.75mm ²
12	green/yellow 0.75mm ²

15	white
7	gray/pink
5	green
4	red/blue
16	yellow
8	white/green
3	gray
14	brown/green
17	pink
9	white/yellow
2	red
13	yellow/brown
11	black
10	white/gray
1	violet
18	gray/brown
19	brown 1.0mm ²
6	blue 1.0mm ²
12	green/yellow 1.0mm ²

Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC+AEB		PUR+AEB	
			black/黑色	gray/灰色	black/黑色	gray/灰色
1.5M	12pins	8×0.34mm ² +3×0.75mm ²	230012-06-611	230012-06-651	230012-06-631	230012-06-671
	19pins	16×0.34mm ² +3×0.75mm ²	230019-06-611	230019-06-651	230019-06-631	230019-06-671
3.0M	12pins	8×0.34mm ² +3×0.75mm ²	230012-06-612	230012-06-652	230012-06-632	230012-06-672
	19pins	16×0.34mm ² +3×0.75mm ²	230019-06-612	230019-06-652	230019-06-632	230019-06-672
5.0M	12pins	8×0.34mm ² +3×0.75mm ²	230012-06-613	230012-06-653	230012-06-633	230012-06-673
	19pins	16×0.34mm ² +3×0.75mm ²	230019-06-613	230019-06-653	230019-06-633	230019-06-673
7.5M	12pins	8×0.34mm ² +3×0.75mm ²	230012-06-614	230012-06-654	230012-06-634	230012-06-674
	19pins	16×0.34mm ² +3×0.75mm ²	230019-06-614	230019-06-654	230019-06-634	230019-06-674
10M	12pins	8×0.34mm ² +3×0.75mm ²	230012-06-615	230012-06-655	230012-06-635	230012-06-675
	19pins	16×0.34mm ² +3×0.75mm ²	230019-06-615	230019-06-655	230019-06-635	230019-06-675

Specifications/技术参数

Number of contacts/芯数	12	19
Rated voltage/额定电压	150V	
Rated current (40°C)/额定电流	8A	16×8A+3×10A
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-40°C~+80°C	
Cable OD /线材直径	9.1mm	10.6mm

7/8" Series



7/8" Series Circular Connectors

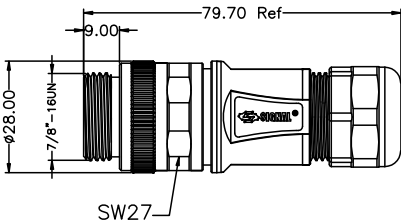
1.Assembly connector	7801-7804
2.Panel	7805-7808
3.Cable	7809-7810
4.Standard cable lenght	7811-7817

Male assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

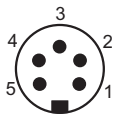
3pins



4pins



5pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
3pins	780003-01-004	—
4pins	780004-01-005	—
5pins	780005-01-004	—

Specifications/技术参数

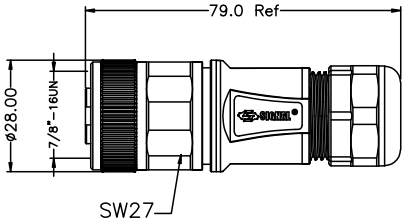
Number of contacts/芯数	3	4	5
Termination/接线方式	screw clamp/锁螺丝		
Wire gauge/线规	max.1.5mm ² (max.16AWG)		max.1.5-2.5mm ² (max.16-14AWG)
Cable OD/线材直径	6~12mm		
Operating temperature/工作温度	-25°C~+85°C		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	300V		
Rated current (40°C)/额定电流	12A	9A	
Protection degree/防护等级	IP67		
Contact resistance/接触电阻	≤3mΩ		
Insulation resistance/绝缘电阻	≥100MΩ		
Pin contant/插针材料	CuZn		
Socket contact/插孔材料	CuSn		
Contact plating/针孔镀层材料	Au		

Female assembly connector

Product figure

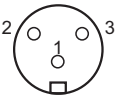


Scale diagram

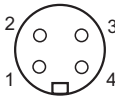


Contact layout/针孔排布 (Front view/前视图)

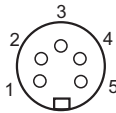
3pins



4pins



5pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
3pins	780003-02-004	—
4pins	780004-02-004	—
5pins	780005-02-006	—

Specifications/技术参数

Number of contacts/芯数	3	4	5
Termination/接线方式	screw clamp/锁螺丝		
Wire gauge/线规	max.1.5mm ² (max.16AWG)		max.1.5-2.5mm ² (max.16-14AWG)
Cable OD/线材直径	6~12mm		
Operating temperature/工作温度	-25°C~+85°C		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	300V		
Rated current (40°C)/额定电流	12A	9A	
Protection degree/防护等级	IP67		
Contact resistance/接触电阻	≤3mΩ		
Insulation resistance/绝缘电阻	≥100MΩ		
Pin contant/插针材料	CuZn		
Socket contact/插孔材料	CuSn		
Contact plating/针孔镀层材料	Au		

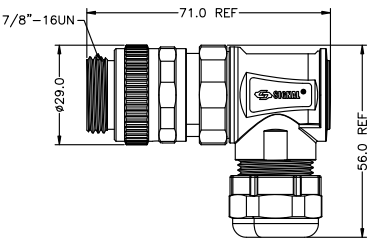
7/8" Circular connectors

Male assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

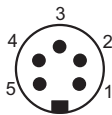
3pins



4pins



5pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
3pins	780003-01-002	AS78M03002
4pins	780004-01-002	AS78M04002
5pins	780005-01-002	AS78M05002

Specifications/技术参数

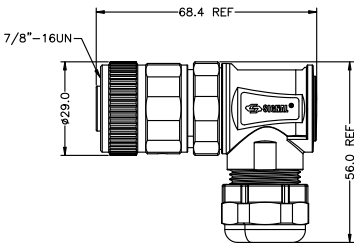
Number of contacts/芯数	3	4	5
Termination/接线方式	screw clamp/锁螺丝		
Wire gauge/线规	max.1.5mm ² (max.16AWG)		max.1.5-2.5mm ² (max.16-14AWG)
Cable OD/线材直径	6~12mm		
Operating temperature/工作温度	-25°C~+85°C		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	300V		
Rated current (40°C)/额定电流	12A	9A	
Protection degree/防护等级	IP67		
Contact resistance/接触电阻	≤3mΩ		
Insulation resistance/绝缘电阻	≥100MΩ		
Pin contant/插针材料	CuZn		
Socket contact/插孔材料	CuSn		
Contact plating/针孔镀层材料	Au		

Female assembly connector

Product figure



Scale diagram

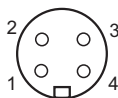


Contact layout/针孔排布 (Front view/前视图)

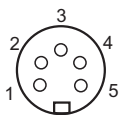
3pins



4pins



5pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
3pins	780003-02-002	AS78F03002
4pins	780004-02-002	AS78F04002
5pins	780005-02-002	AS78F05002

Specifications/技术参数

Number of contacts/芯数	3	4	5
Termination/接线方式	screw clamp/锁螺丝		
Wire gauge/线规	max.1.5mm ² (max.16AWG)		max.1.5-2.5mm ² (max.16-14AWG)
Cable OD/线材直径	6~12mm		
Operating temperature/工作温度	-25°C~+85°C		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	300V		
Rated current (40°C)/额定电流	12A	9A	
Protection degree/防护等级	IP67		
Contact resistance/接触电阻	≤3mΩ		
Insulation resistance/绝缘电阻	≥100MΩ		
Pin contant/插针材料	CuZn		
Socket contact/插孔材料	CuSn		
Contact plating/针孔镀层材料	Au		

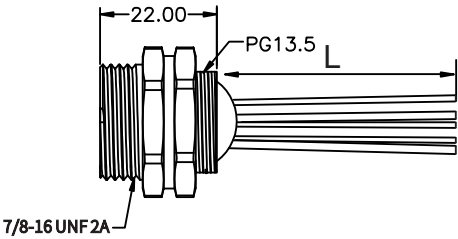
7/8" Circular connectors

Male panel connector

Product figure(rear fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

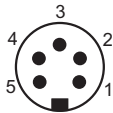
3pins



4pins



5pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
3pins	780003-03-001	PM78BM03001
4pins	780004-03-002	PM78BM04001
5pins	780005-03-001	PM78BM05001

Specifications/技术参数

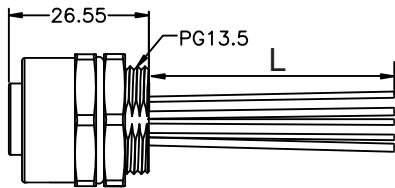
Number of contacts/芯数	3	4	5
Termination/接线方式	solder/焊线式		
Wire gauge/线规	max. 0.82mm ² (max.18AWG)		
Operating temperature/工作温度	-25°C ~ +80°C		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	300V		
Rated current (40°C)/额定电流	10A	8A	
Protection degree/防护等级	IP67/IP68		
Contact resistance/接触电阻	≤5mΩ		
Insulation resistance/绝缘电阻	≥100MΩ		
Pin contant/插针材料	CuZn		
Socket contact/插孔材料	CuSn		
Contact plating/针孔镀层材料	Au		

Female panel connector

Product figure(rear fastened)

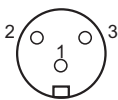


Scale diagram

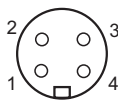


Contact layout/针孔排布 (Front view/前视图)

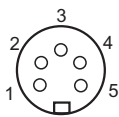
3pins



4pins



5pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
3pins	780003-04-001	PM78BF03001
4pins	780004-04-002	PM78BF04001
5pins	780005-04-001	PM78BF05001

Specifications/技术参数

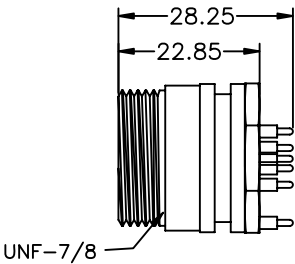
Number of contacts/芯数	3	4	5
Termination/接线方式	solder/焊线式		
Wire gauge/线规	max. 0.82mm ² (max.18AWG)		
Operating temperature/工作温度	-25°C ~ +80°C		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	300V		
Rated current (40°C)/额定电流	10A	8A	
Protection degree/防护等级	IP67/IP68		
Contact resistance/接触电阻	≤5mΩ		
Insulation resistance/绝缘电阻	≥100MΩ		
Pin contant/插针材料	CuZn		
Socket contact/插孔材料	CuSn		
Contact plating/针孔镀层材料	Au		

Male panel connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

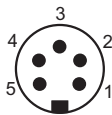
3pins



4pins



5pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
3pins	780003-03-002	PM78BM03002
4pins	780004-03-003	PM78BM04002
5pins	780005-03-002	PM78BM05002

Specifications/技术参数

Number of contacts/芯数	3	4	5
Termination/接线方式	PCB/插板式		
Wire gauge/线规	——		
Operating temperature/工作温度	-25°C ~ +85°C		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	300V		
Rated current (40°C)/额定电流	10A	8A	
Protection degree/防护等级	IP67/IP68		
Contact resistance/接触电阻	≤5mΩ		
Insulation resistance/绝缘电阻	≥100MΩ		
Pin contant/插针材料	CuZn		
Socket contact/插孔材料	CuSn		
Contact plating/针孔镀层材料	Au		

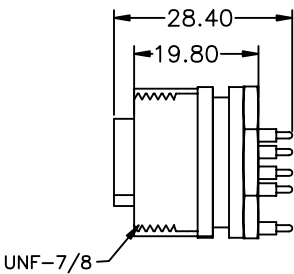


Female panel connector

Product figure

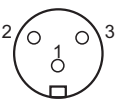


Scale diagram

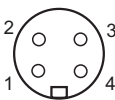


Contact layout/针孔排布 (Front view/前视图)

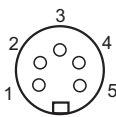
3pins



4pins



5pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
3pins	780003-04-002	PM78BF03002
4pins	780004-04-003	PM78BF04002
5pins	780005-04-002	PM78BF05002

Specifications/技术参数

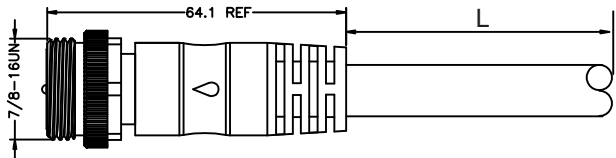
Number of contacts/芯数	3	4	5
Termination/接线方式	PCB/插板式		
Wire gauge/线规	——		
Operating temperature/工作温度	-25°C ~ +85°C		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	300V		
Rated current (40°C)/额定电流	10A	8A	
Protection degree/防护等级	IP67/IP68		
Contact resistance/接触电阻	≤5mΩ		
Insulation resistance/绝缘电阻	≥100MΩ		
Pin contant/插针材料	CuZn		
Socket contact/插孔材料	CuSn		
Contact plating/针孔镀层材料	Au		

Male cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

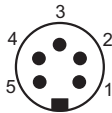
3pins



4pins



5pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
3pins	780003-05-001	CA78SM03001
4pins	780004-05-001	CA78SM04001
5pins	780005-05-001	CA78SM05001

Specifications/技术参数

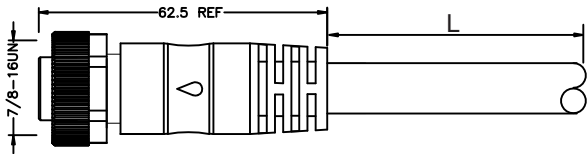
Number of contacts/芯数	3	4	5
Termination/接线方式	moulded on cable/成型线		
Wire gauge/线规	max. 1.5mm ² (max. 16AWG)		
Operating temperature/工作温度	-25°C ~ +80°C		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	300V		
Rated current (40°C)/额定电流	12A	9A	
Protection degree/防护等级	IP67/IP68		
Contact resistance/接触电阻	≤3mΩ		
Insulation resistance/绝缘电阻	≥100MΩ		
Pin contant/插针材料	CuZn		
Socket contact/插孔材料	CuSn		
Contact plating/针孔镀层材料	Au		

Female cable

Product figure

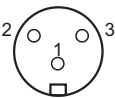


Scale diagram

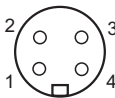


Contact layout/针孔排布 (Front view/前视图)

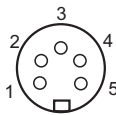
3pins



4pins



5pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
3pins	780003-06-001	CA78SF03001
4pins	780004-06-001	CA78SF04001
5pins	780005-06-001	CA78SF05001

Specifications/技术参数

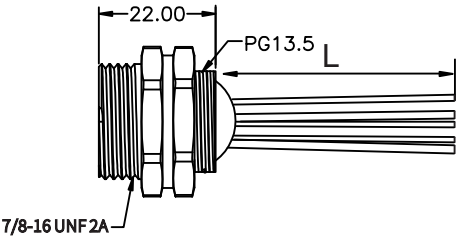
Number of contacts/芯数	3	4	5
Termination/接线方式	moulded on cable/成型线		
Wire gauge/线规	max. 1.5mm ² (max. 16AWG)		
Operating temperature/工作温度	-25°C ~ +80°C		
Mechanical operation/插拔次数	> 100 mating cycles		
Rated voltage/额定电压	300V		
Rated current (40°C)/额定电流	12A	9A	
Protection degree/防护等级	IP67/IP68		
Contact resistance/接触电阻	≤3mΩ		
Insulation resistance/绝缘电阻	≥100MΩ		
Pin contant/插针材料	CuZn		
Socket contact/插孔材料	CuSn		
Contact plating/针孔镀层材料	Au		

Male panel connector

Product figure(rear fastened)



Scale diagram

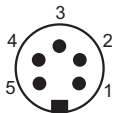


Contact layout/针孔排布 (Front view/前视图)

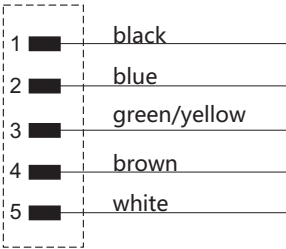
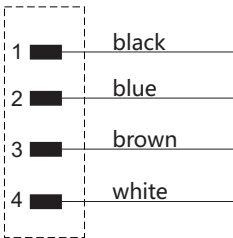
4pins



5pins



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC	TPE
0.1M	4pins	0.75mm ²	780004-03-811	780004-03-821
	5pins	0.75mm ²	780005-03-811	780005-03-821
0.2M	4pins	0.75mm ²	780004-03-812	780004-03-822
	5pins	0.75mm ²	780005-03-812	780005-03-822
0.5M	4pins	0.75mm ²	780004-03-813	780004-03-823
	5pins	0.75mm ²	780005-03-813	780005-03-823
1.0M	4pins	0.75mm ²	780004-03-814	780004-03-824
	5pins	0.75mm ²	780005-03-814	780005-03-824

Specifications/技术参数

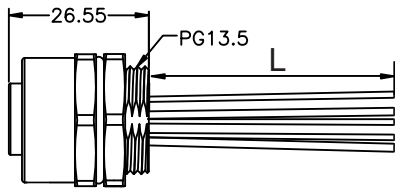
Number of contacts/芯数	4	5
Rated voltage/额定电压	300V	
Rated current (40°C)/额定电流	8A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	

Female panel connector

Product figure(rear fastened)

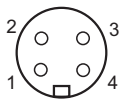


Scale diagram

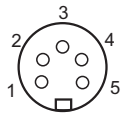


Contact layout/针孔排布 (Front view/前视图)

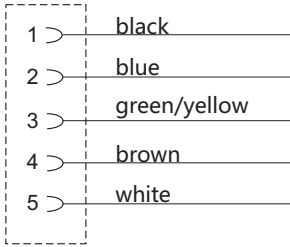
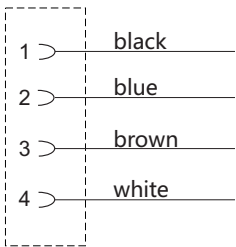
4pins



5pins



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC	TPE
0.1M	4pins	0.75mm ²	780004-04-811	780004-04-821
	5pins	0.75mm ²	780005-04-811	780005-04-821
0.2M	4pins	0.75mm ²	780004-04-812	780004-04-822
	5pins	0.75mm ²	780005-04-812	780005-04-822
0.5M	4pins	0.75mm ²	780004-04-813	780004-04-823
	5pins	0.75mm ²	780005-04-813	780005-04-823
1.0M	4pins	0.75mm ²	780004-04-814	780004-04-824
	5pins	0.75mm ²	780005-04-814	780005-04-824

Specifications/技术参数

Number of contacts/芯数	4	5
Rated voltage/额定电压	300V	
Rated current (40°C)/额定电流	8A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	

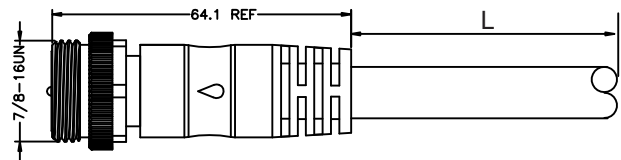
7/8" Circular connectors

Male cable

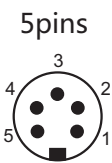
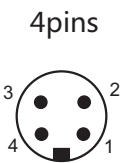
Product figure



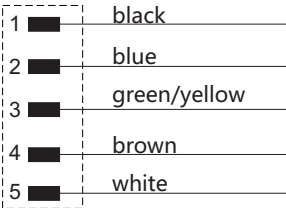
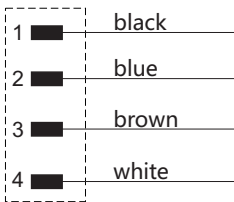
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC	PUR
			yellow/黄色	yellow/黄色
1.5M	4pins	4×1.0mm ²	780004-05-601	780004-05-621
	5pins	5×1.0mm ²	780005-05-601	780005-05-621
3.0M	4pins	4×1.0mm ²	780004-05-602	780004-05-622
	5pins	5×1.0mm ²	780005-05-602	780005-05-622
5.0M	4pins	4×1.0mm ²	780004-05-603	780004-05-623
	5pins	5×1.0mm ²	780005-05-603	780005-05-623
7.5M	4pins	4×1.0mm ²	780004-05-604	780004-05-624
	5pins	5×1.0mm ²	780005-05-604	780005-05-624
10M	4pins	4×1.0mm ²	780004-05-605	780004-05-625
	5pins	5×1.0mm ²	780005-05-605	780005-05-625

Specifications/技术参数

Number of contacts/芯数	4	5
Rated voltage/额定电压	max.230/400	
Rated current (40°C)/额定电流	max.12A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	
Cable OD /线材直径	6.5~7.0mm	7.2mm

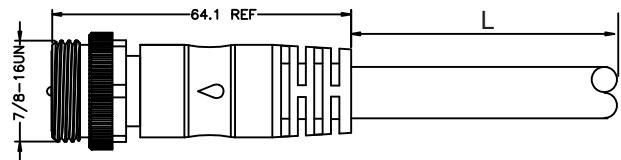
7/8" Circular connectors

Male cable

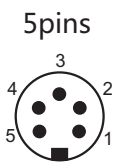
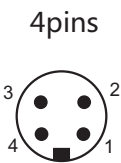
Product figure



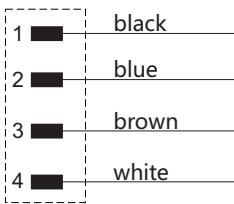
Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC	PUR
			yellow/黄色	yellow/黄色
1.5M	4pins	4×1.5mm ²	780004-05-641	780004-05-661
	5pins	5×1.5mm ²	780005-05-641	780005-05-661
3.0M	4pins	4×1.5mm ²	780004-05-642	780004-05-662
	5pins	5×1.5mm ²	780005-05-642	780005-05-662
5.0M	4pins	4×1.5mm ²	780004-05-643	780004-05-663
	5pins	5×1.5mm ²	780005-05-643	780005-05-663
7.5M	4pins	4×1.5mm ²	780004-05-644	780004-05-664
	5pins	5×1.5mm ²	780005-05-644	780005-05-664
10M	4pins	4×1.5mm ²	780004-05-645	780004-05-665
	5pins	5×1.5mm ²	780005-05-645	780005-05-665

Specifications/技术参数

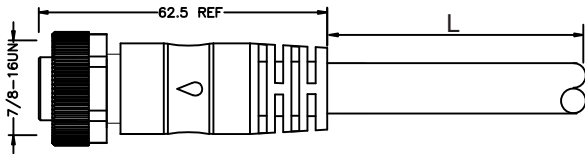
Number of contacts/芯数	4	5
Rated voltage/额定电压	max.230/400	
Rated current (40°C)/额定电流	max.12A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	
Cable OD /线材直径	7.0mm	8.7mm

Female cable

Product figure

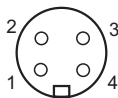


Scale diagram

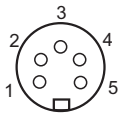


Contact layout/针孔排布 (Front view/前视图)

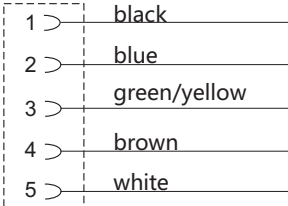
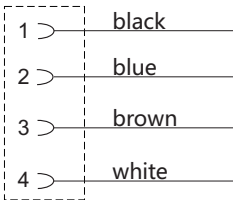
4pins



5pins



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC	PUR
			yellow/黄色	yellow/黄色
1.5M	4pins	4×1.0mm ²	780004-06-601	780004-06-621
	5pins	5×1.0mm ²	780005-06-601	780005-06-621
3.0M	4pins	4×1.0mm ²	780004-06-602	780004-06-622
	5pins	5×1.0mm ²	780005-06-602	780005-06-622
5.0M	4pins	4×1.0mm ²	780004-06-603	780004-06-623
	5pins	5×1.0mm ²	780005-06-603	780005-06-623
7.5M	4pins	4×1.0mm ²	780004-06-604	780004-06-624
	5pins	5×1.0mm ²	780005-06-604	780005-06-624
10M	4pins	4×1.0mm ²	780004-06-605	780004-06-625
	5pins	5×1.0mm ²	780005-06-605	780005-06-625

Specifications/技术参数

Number of contacts/芯数	4	5
Rated voltage/额定电压	max.230/400	
Rated current (40°C)/额定电流	max.12A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	
Cable OD /线材直径	6.5~7.0mm	7.2mm

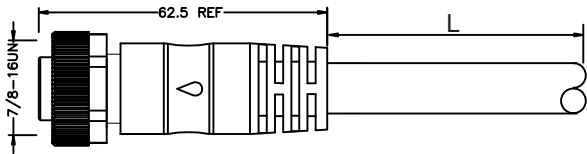
7/8" Circular connectors

Female cable

Product figure

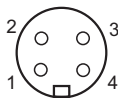


Scale diagram

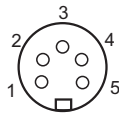


Contact layout/针孔排布 (Front view/前视图)

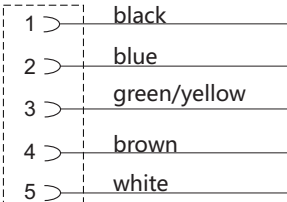
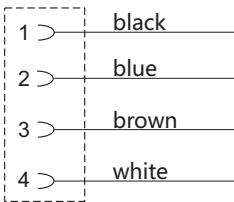
4pins



5pins



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC	PUR
			yellow/黄色	yellow/黄色
1.5M	4pins	4×1.5mm ²	780004-06-641	780004-06-661
	5pins	5×1.5mm ²	780005-06-641	780005-06-661
3.0M	4pins	4×1.5mm ²	780004-06-642	780004-06-662
	5pins	5×1.5mm ²	780005-06-642	780005-06-662
5.0M	4pins	4×1.5mm ²	780004-06-643	780004-06-663
	5pins	5×1.5mm ²	780005-06-643	780005-06-663
7.5M	4pins	4×1.5mm ²	780004-06-644	780004-06-664
	5pins	5×1.5mm ²	780005-06-644	780005-06-664
10M	4pins	4×1.5mm ²	780004-06-645	780004-06-665
	5pins	5×1.5mm ²	780005-06-645	780005-06-665

Specifications/技术参数

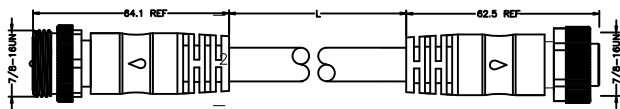
Number of contacts/芯数	4	5
Rated voltage/额定电压	max.230/400	
Rated current (40°C)/额定电流	max.12A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C ~ +80°C	
Cable OD /线材直径	7.0mm	8.7mm

Male to female cable

Product figure

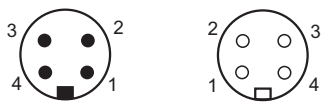


Scale diagram

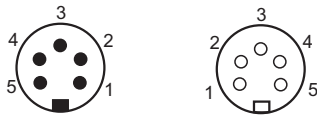


Contact layout/针孔排布 (Front view/前视图)

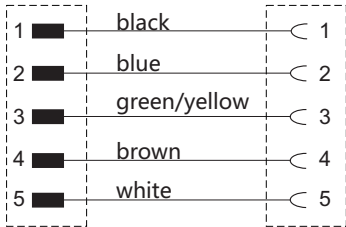
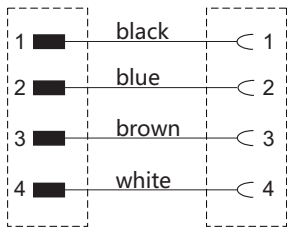
4pins



5pins



Circuit diagram/电路图



Order No/订货号

Cable length 线材长度	Contacts 芯数	Wire diameter 线径	PVC	PUR
			yellow/黄色	yellow/黄色
0.3M	4pins	4×1.0mm ²	780004-56-601	780004-56-621
	5pins	5×1.0mm ²	780005-56-601	780005-56-621
0.6M	4pins	4×1.0mm ²	780004-56-602	780004-56-622
	5pins	5×1.0mm ²	780005-56-602	780005-56-622
1.0M	4pins	4×1.0mm ²	780004-56-603	780004-56-623
	5pins	5×1.0mm ²	780005-56-603	780005-56-623
2.0M	4pins	4×1.0mm ²	780004-56-604	780004-56-624
	5pins	5×1.0mm ²	780005-56-604	780005-56-624

Specifications/技术参数

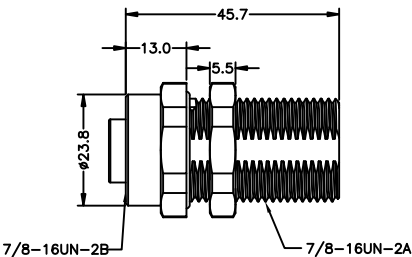
Number of contacts/芯数	4	5
Rated voltage/额定电压	max.230/400	
Rated current (40°C)/额定电流	max.12A	
Protection degree/防护等级	IP67/IP68	
Operating temperature/工作温度	-25°C~+80°C	
Cable OD /线材直径	6.5~7.0mm	7.2mm

7/8 Male to Female Adapter

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

5pins



5pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
5pins	780005-10-001	—

Specifications/技术参数

Number of contacts/芯数	5
Termination/接线方式	—
Wire gauge/线规	—
Operating temperature/工作温度	-25°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	600V AC / DC
Rated current (40°C)/额定电流	9A
Protection degree/防护等级	IP67/IP68
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

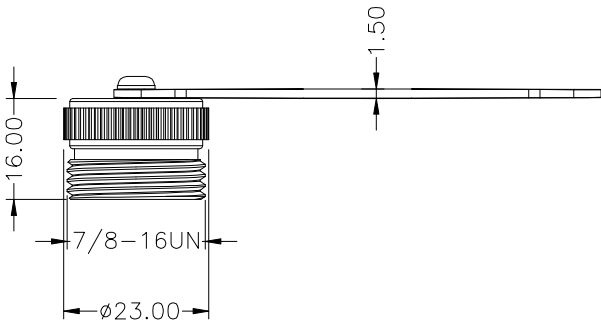
7/8" Circular connectors

Protection cap for female connector

Product figure



Scale diagram



Order Data/订货信息

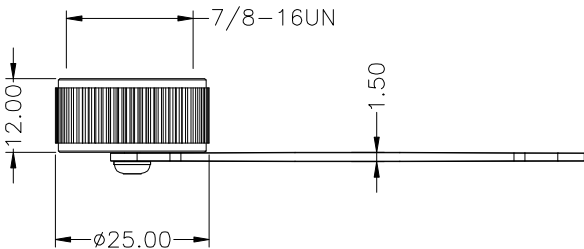
Order No/订货号	P/N/料号
780000-02-001	—

Protection cap for Male connector

Product figure



Scale diagram



Order Data/订货信息

Order No/订货号	P/N/料号
780000-01-001	—

RD24 Connectors



RD24 Series Circular Connectors

1.Assembly Connector

RD01-RD04

2.Panel

RD05-RD12

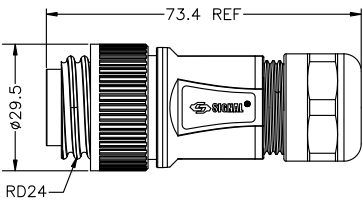
RD24 Circular connectors

Male assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

6+PE



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
7pins	240007-01-001	—

Specifications/技术参数

Number of contacts/芯数	6+PE
Termination/接线方式	screw clamp/锁螺丝
Wire gauge/线规	max.18-22AWG
Cable OD/线材直径	6~8mm
Operating temperature/工作温度	-25℃~+85℃
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	250V
Rated current (40℃)/额定电流	8A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contant/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

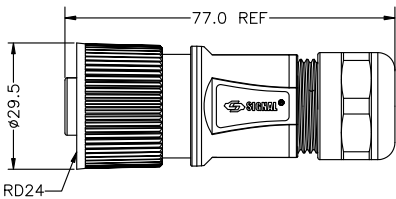
RD24 Circular connectors

Female assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

6+PE



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
7pins	240007-02-001	—

Specifications/技术参数

Number of contacts/芯数	6+PE
Termination/接线方式	screw clamp/锁螺丝
Wire gauge/线规	max.18-22AWG
Cable OD/线材直径	6~8mm
Operating temperature/工作温度	-25℃~+85℃
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	250V
Rated current (40℃)/额定电流	8A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

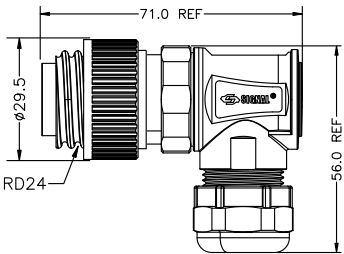
RD24 Circular connectors

Male assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

6+PE



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
7pins	240007-01-002	—

Specifications/技术参数

Number of contacts/芯数	6+PE
Termination/接线方式	screw clamp/锁螺丝
Wire gauge/线规	max.18-22AWG
Cable OD/线材直径	6~8mm
Operating temperature/工作温度	-25℃~+85℃
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	250V
Rated current (40℃)/额定电流	8A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contant/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

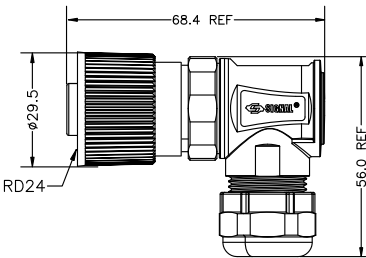
RD24 Circular connectors

Female assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

6+PE



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
7pins	240007-02-002	—

Specifications/技术参数

Number of contacts/芯数	6+PE
Termination/接线方式	screw clamp/锁螺丝
Wire gauge/线规	max.18-22AWG
Cable OD/线材直径	6~8mm
Operating temperature/工作温度	-25℃~+85℃
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	250V
Rated current (40℃)/额定电流	8A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contant/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

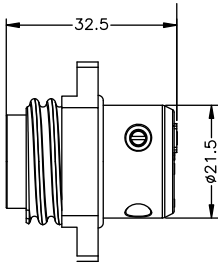
RD24 Circular connectors

Male assembly connector

Product figure

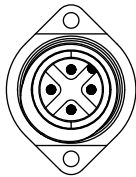


Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3+PE



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
3+PE	240004-03-001	—

Specifications/技术参数

Number of contacts/芯数	3+PE
Termination/接线方式	screw clamp/锁螺丝
Wire gauge/线规	max. 16-20AWG
Cable OD/线材直径	6~8mm
Operating temperature/工作温度	-40℃~+85℃
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	250V
Rated current (40℃)/额定电流	16A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

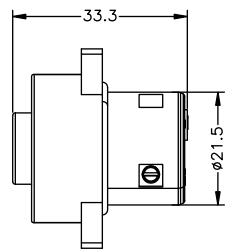
RD24 Circular connectors

Female assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3+PE



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
3+PE	240004-04-001	—

Specifications/技术参数

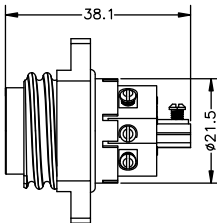
Number of contacts/芯数	3+PE
Termination/接线方式	screw clamp/锁螺丝
Wire gauge/线规	max. 16-20AWG
Cable OD/线材直径	6~8mm
Operating temperature/工作温度	-40℃~+85℃
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	250V
Rated current (40℃)/额定电流	16A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

Male assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

6+PE



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
6+PE	240007-03-001	—

Specifications/技术参数

Number of contacts/芯数	6+PE
Termination/接线方式	screw clamp/锁螺丝
Wire gauge/线规	max.18-22AWG
Cable OD/线材直径	6~8mm
Operating temperature/工作温度	-40℃~+85℃
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	250V
Rated current (40℃)/额定电流	8A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contant/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

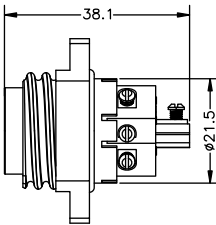
RD24 Circular connectors

Male assembly connector

Product figure

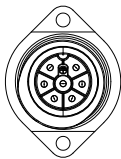


Scale diagram



Contact layout/针孔排布 (Front view/前视图)

6+PE



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
6+PE	240007-03-002	—

Specifications/技术参数

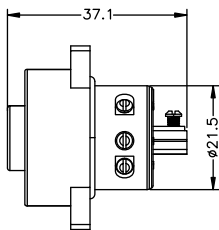
Number of contacts/芯数	6+PE
Termination/接线方式	screw clamp/锁螺丝
Wire gauge/线规	max.18-22AWG
Cable OD/线材直径	6~8mm
Operating temperature/工作温度	-40℃~+85℃
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	250V
Rated current (40℃)/额定电流	8A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contant/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

Female assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

6+PE



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
6+PE	240007-04-002	—

Specifications/技术参数

Number of contacts/芯数	6+PE
Termination/接线方式	screw clamp/锁螺丝
Wire gauge/线规	max.18-22AWG
Cable OD/线材直径	6~8mm
Operating temperature/工作温度	-40℃~+85℃
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	250V
Rated current (40℃)/额定电流	8A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contant/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

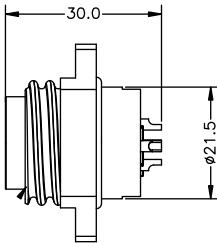
RD24 Circular connectors

Male assembly connector

Product figure

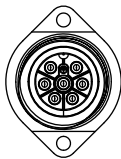


Scale diagram



Contact layout/针孔排布 (Front view/前视图)

6+PE



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
6+PE	240007-03-004	—

Specifications/技术参数

Number of contacts/芯数	6+PE
Termination/接线方式	solder/焊接
Wire gauge/线规	max.18-22AWG
Cable OD/线材直径	6~8mm
Operating temperature/工作温度	-40℃~+85℃
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	250V
Rated current (40℃)/额定电流	8A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contant/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

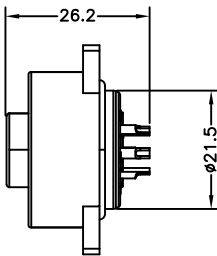
RD24 Circular connectors

Female assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

6+PE



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
6+PE	240007-04-001	—

Specifications/技术参数

Number of contacts/芯数	6+PE
Termination/接线方式	solder/焊接
Wire gauge/线规	max.18-22AWG
Cable OD/线材直径	6~8mm
Operating temperature/工作温度	-40℃~+85℃
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	250V
Rated current (40℃)/额定电流	8A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contant/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

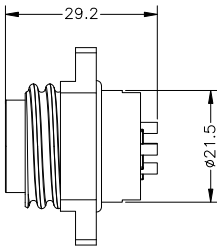
RD24 Circular connectors

Male assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

6+PE



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
6+PE	240007-03-003	—

Specifications/技术参数

Number of contacts/芯数	6+PE
Termination/接线方式	crimp/压接
Wire gauge/线规	max.18-22AWG
Cable OD/线材直径	6~8mm
Operating temperature/工作温度	-40℃~+85℃
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	250V
Rated current (40℃)/额定电流	8A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



Distribution box series



Distribution box series

1. Distribution box series

BOX01-BOX23



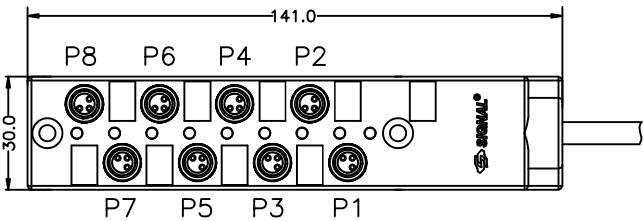
Distribution box series

M8 8-way distribution box with cable

Product figure



Scale diagram

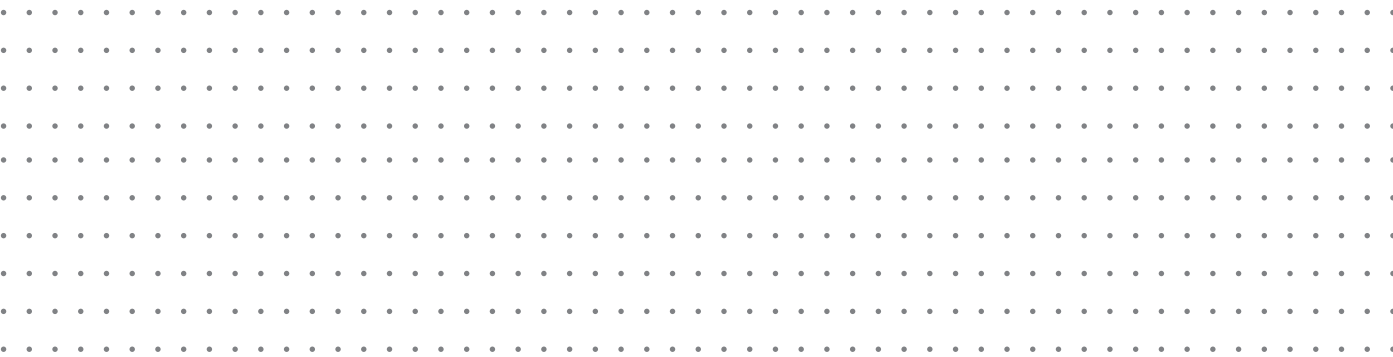


Order Data/订货信息

Order No/订货号	P/N/料号
920103-06-002	—

Specifications/技术参数

Number of contacts/芯数	3
Connector locking system/锁定系统	M8*1.0
Operating temperature/工作温度	-25°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



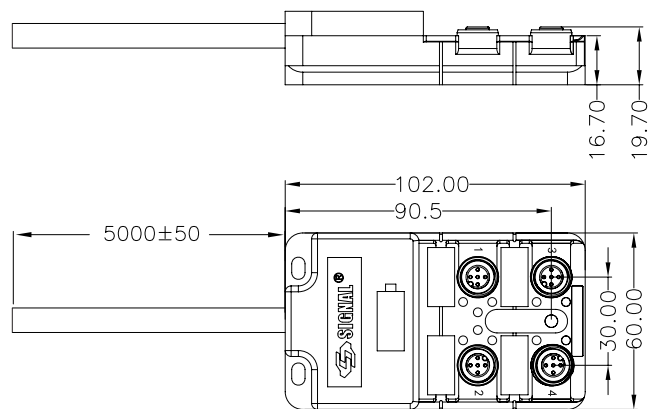
Distribution box series

M12 4-way distribution box with cable

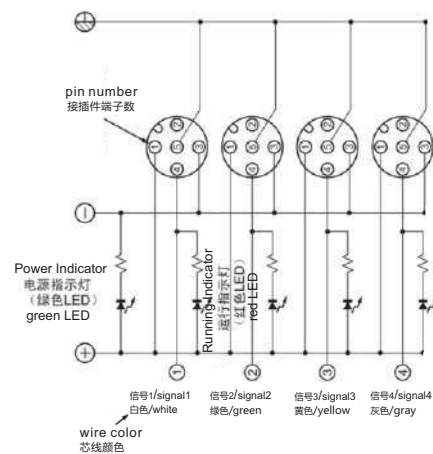
Product figure



Scale diagram



Connection Diagram



Order Data/订货信息

Order No/订货号	Cable length / 线材长度
920105-04-612	5M

Specifications/技术参数

Number of contacts/芯数	5
Connector locking system/锁定系统	M12*1.0
Operating temperature/工作温度	-25°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

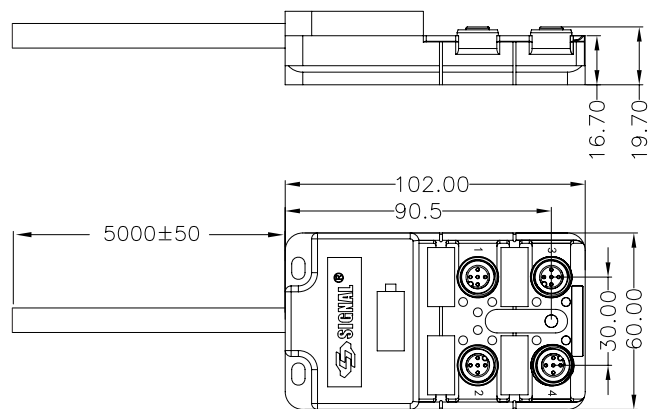
Distribution box series

M12 4-way distribution box with cable

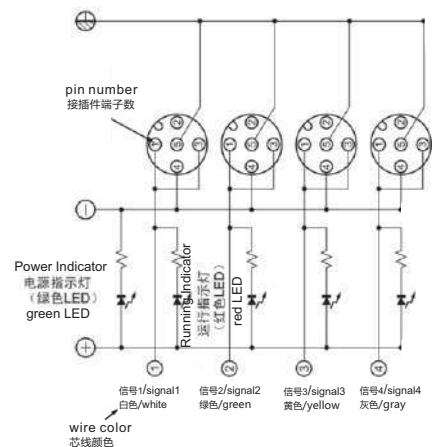
Product figure



Scale diagram



Connection Diagram



Order Data/订货信息

Order No/订货号	Cable length / 线材长度
920105-04-622	5M

Specifications/技术参数

Number of contacts/芯数	5
Connector locking system/锁定系统	M12*1.0
Operating temperature/工作温度	-25°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

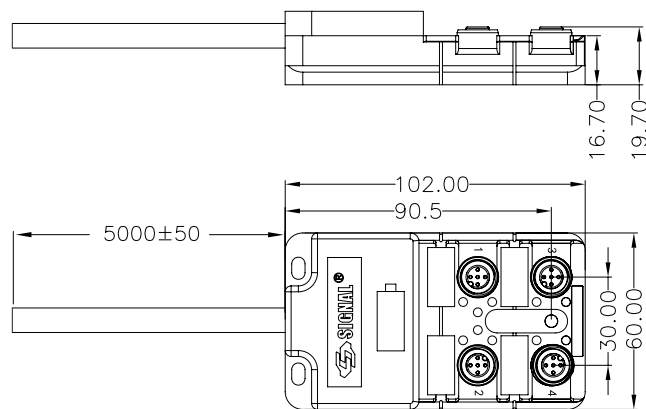
Distribution box series

M12 4-way distribution box with cable

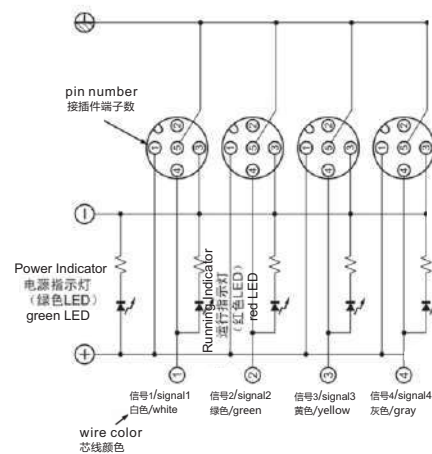
Product figure



Scale diagram



Connection Diagram



Order Data/订货信息

Order No/订货号	Cable length / 线材长度
920105-04-632	5M

Specifications/技术参数

Number of contacts/芯数	5
Connector locking system/锁定系统	M12*1.0
Operating temperature/工作温度	-25°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

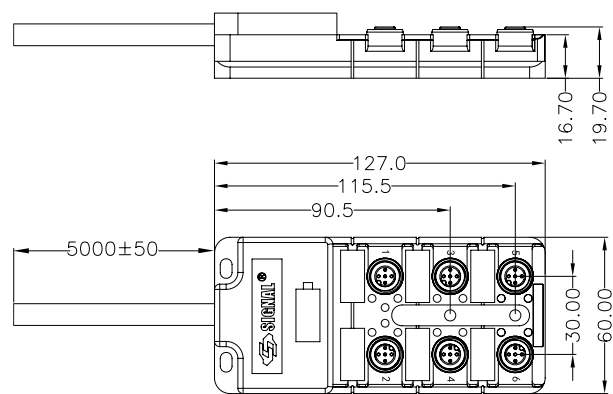
Distribution box series

M12 6-way distribution box with cable

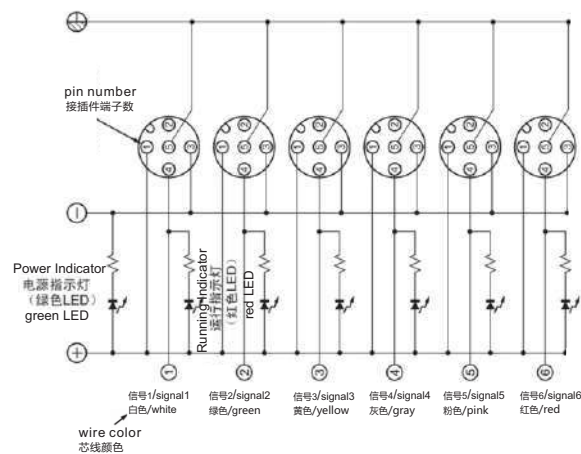
Product figure



Scale diagram



Connection Diagram



Order Data/订货信息

Order No/订货号	Cable length / 线材长度
920105-06-612	5M

Specifications/技术参数

Number of contacts/芯数	5
Connector locking system/锁定系统	M12*1.0
Operating temperature/工作温度	-25°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

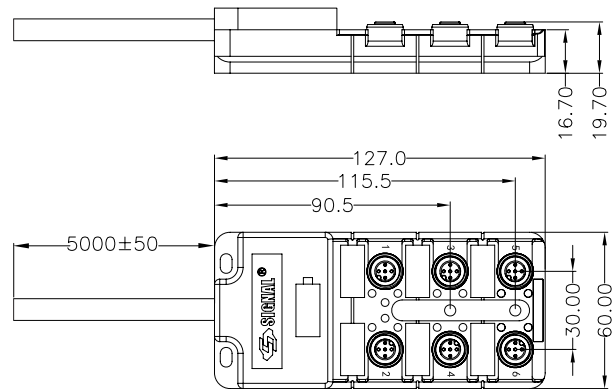
Distribution box series

M12 6-way distribution box with cable

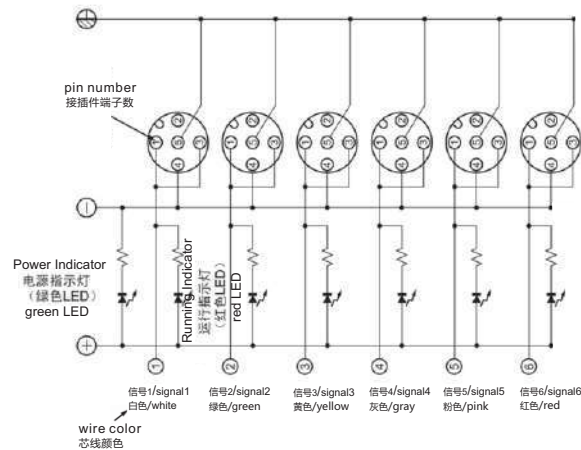
Product figure



Scale diagram



Connection Diagram



Order Data/订货信息

Order No/订货号	Cable length / 线材长度
920105-06-622	5M

Specifications/技术参数

Number of contacts/芯数	5
Connector locking system/锁定系统	M12*1.0
Operating temperature/工作温度	-25°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

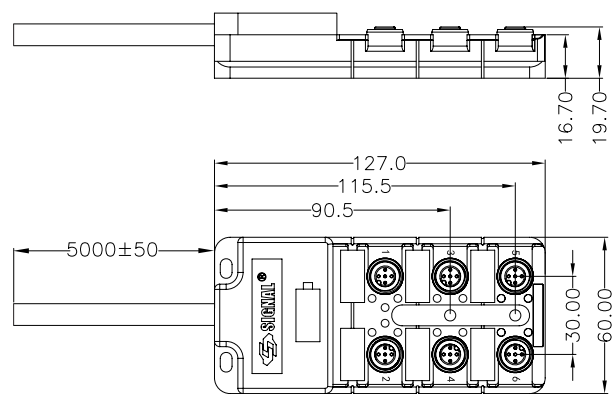
Distribution box series

M12 6-way distribution box with cable

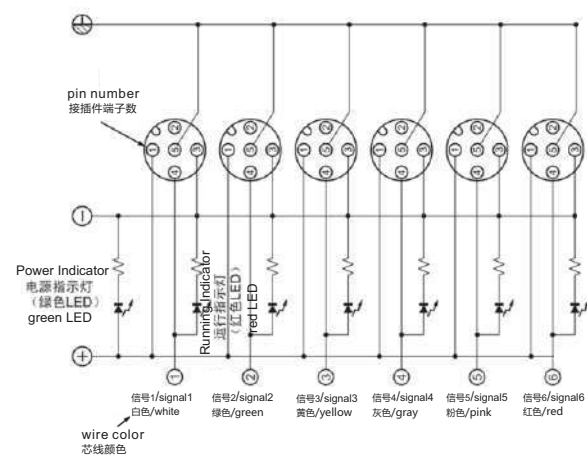
Product figure



Scale diagram



Connection Diagram



Order Data/订货信息

Order No/订货号	Cable length / 线材长度
920105-06-632	5M

Specifications/技术参数

Number of contacts/芯数	5
Connector locking system/锁定系统	M12*1.0
Operating temperature/工作温度	-25℃~+80℃
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40℃)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

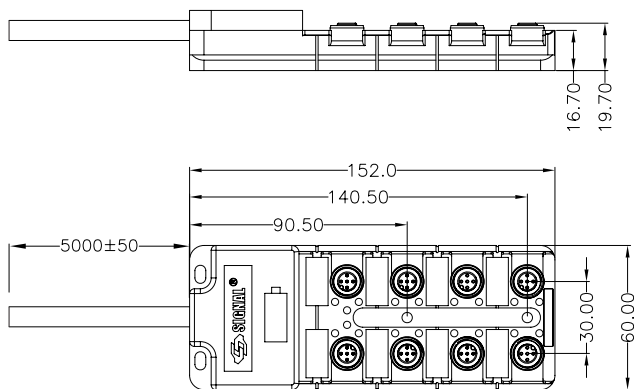
Distribution box series

M12 8-way distribution box with cable

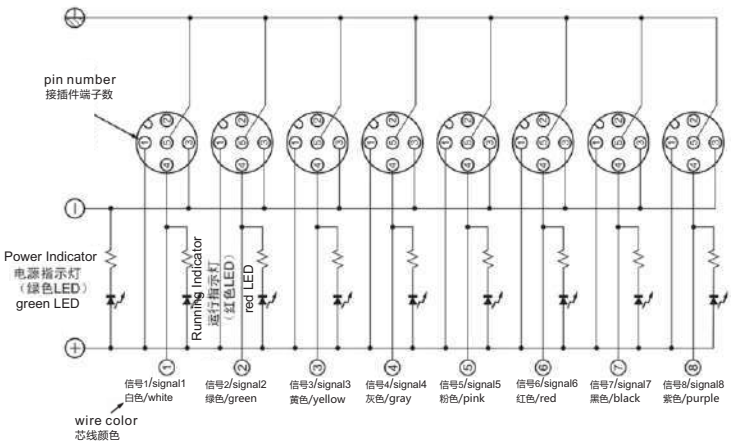
Product figure



Scale diagram



Connection Diagram



Order Data/订货信息

Order No/订货号	Cable length / 线材长度
920105-08-612	5M

Specifications/技术参数

Number of contacts/芯数	5
Connector locking system/锁定系统	M12*1.0
Operating temperature/工作温度	-25°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

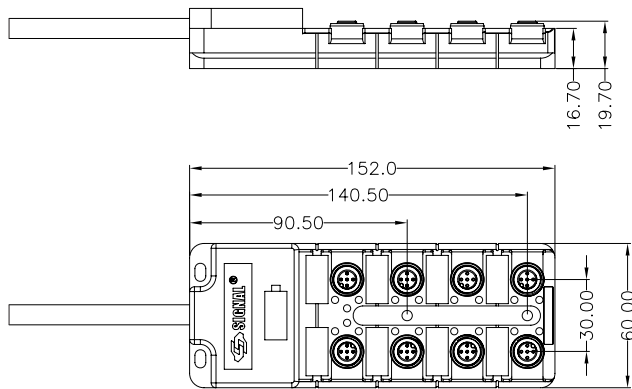
Distribution box series

M12 8-way distribution box with cable

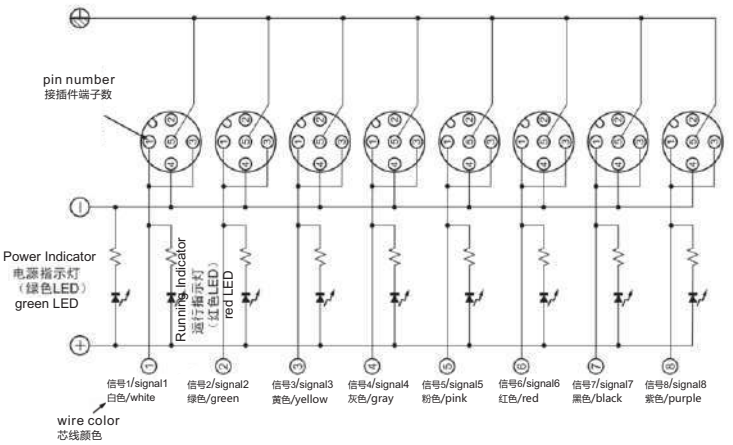
Product figure



Scale diagram



Connection Diagram



Order Data/订货信息

Order No/订货号	Cable length / 线材长度
920105-08-622	5M

Specifications/技术参数

Number of contacts/芯数	5
Connector locking system/锁定系统	M12*1.0
Operating temperature/工作温度	-25°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

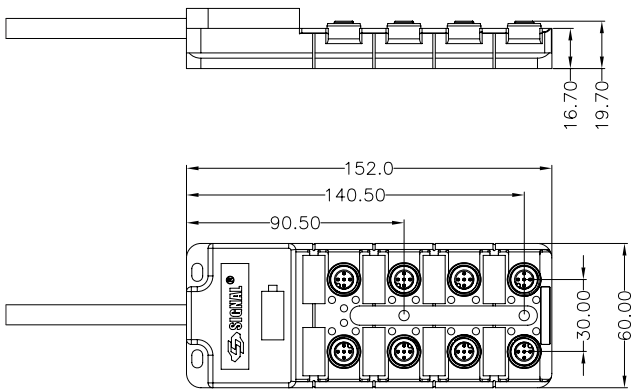
Distribution box series

M12 8-way distribution box with cable

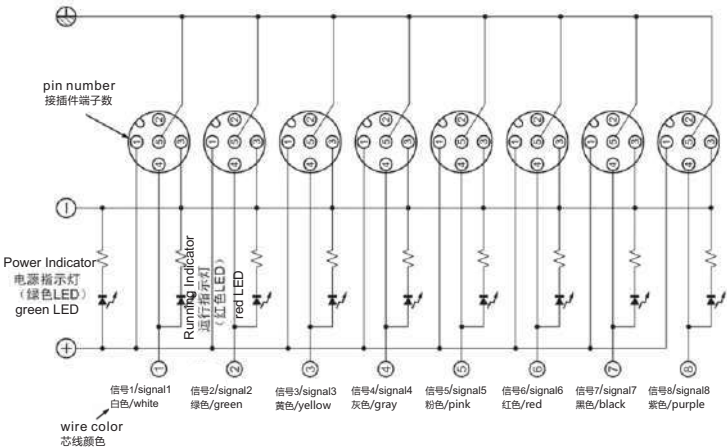
Product figure



Scale diagram



Connection Diagram



Order Data/订货信息

Order No/订货号	Cable length / 线材长度
920105-08-632	5M

Specifications/技术参数

Number of contacts/芯数	5
Connector locking system/锁定系统	M12*1.0
Operating temperature/工作温度	-25°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

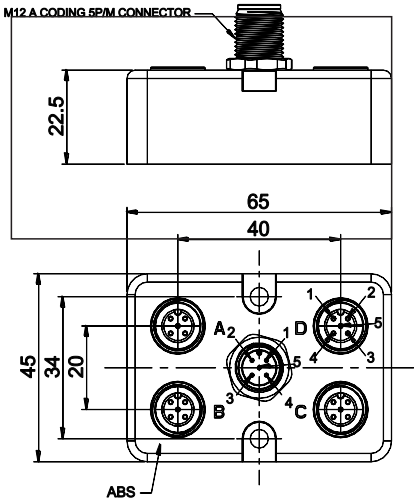
Distribution box series

M12 4-way distribution box

Product figure



Scale diagram

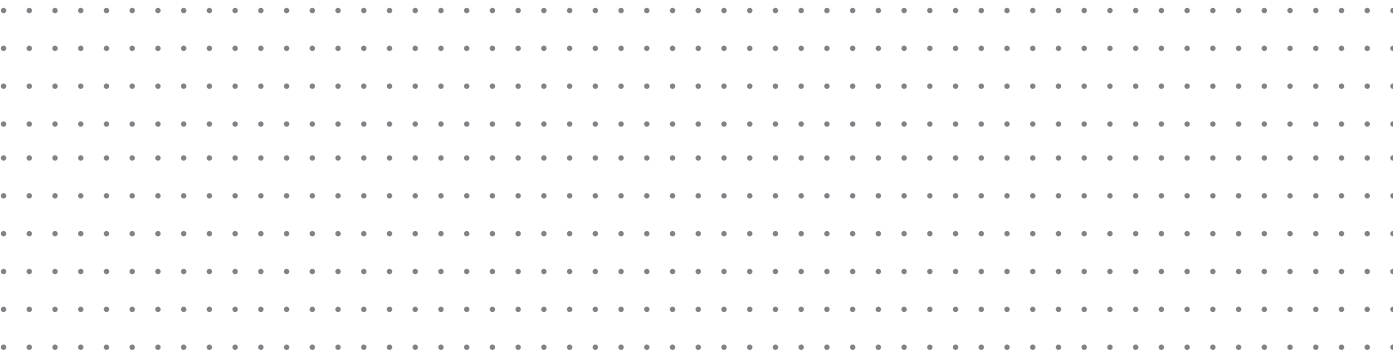


Order Data/订货信息

Order No/订货号	P/N/料号
920105-04-001	—

Specifications/技术参数

Number of contacts/芯数	5
Connector locking system/锁定系统	M12*1.0
Operating temperature/工作温度	-25°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



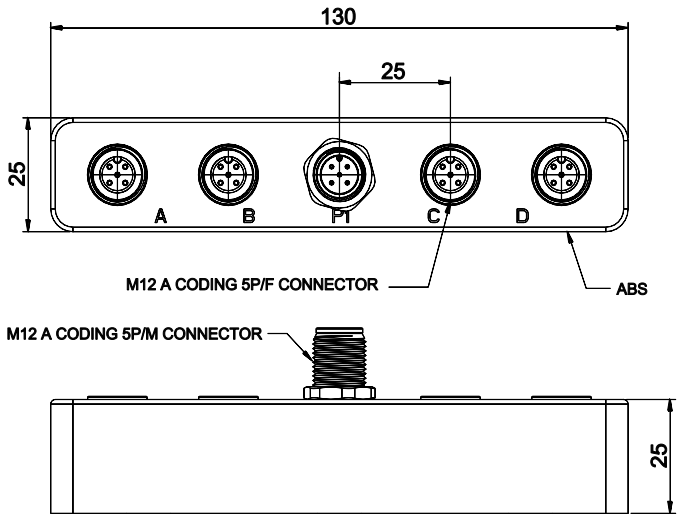
Distribution box series

M12 4-way distribution box

Product figure



Scale diagram



Order Data/订货信息

Order No/订货号	P/N/料号
920105-04-002	—

Specifications/技术参数

Number of contacts/芯数	5
Connector locking system/锁定系统	M12*1.0
Operating temperature/工作温度	-25°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin content/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

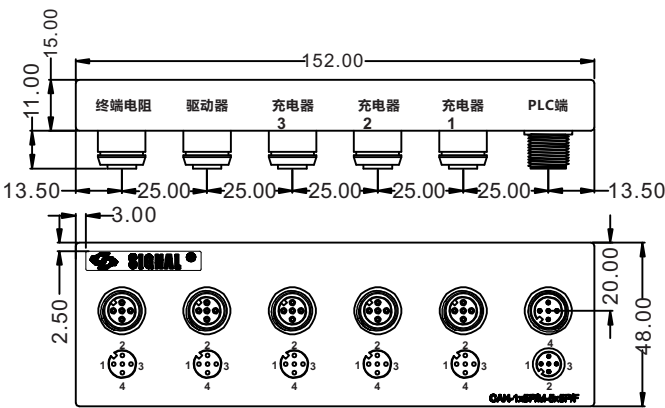
Distribution box series

M12 5-way distribution box

Product figure



Scale diagram

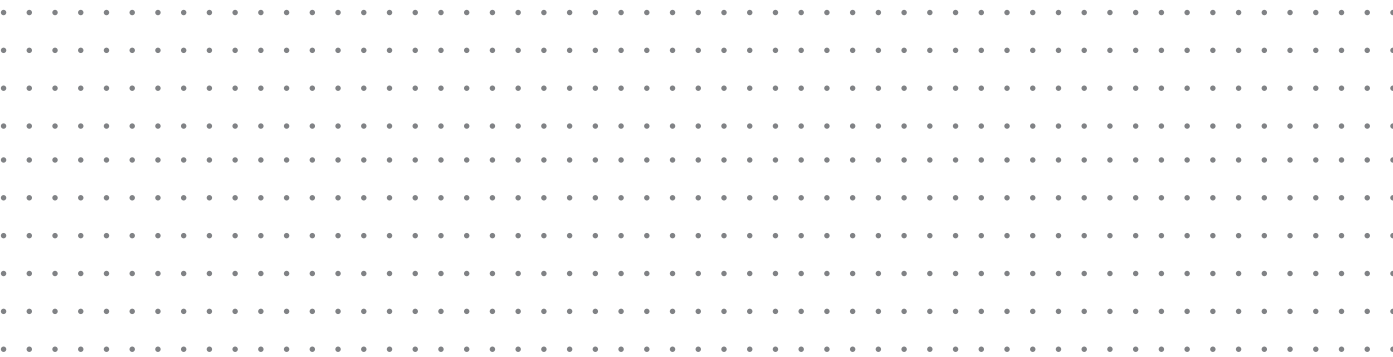


Order Data/订货信息

Order No/订货号	P/N/料号
920105-05-001	—

Specifications/技术参数

Number of contacts/芯数	5
Connector locking system/锁定系统	M12*1.0
Operating temperature/工作温度	-25℃~+85℃
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40℃)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



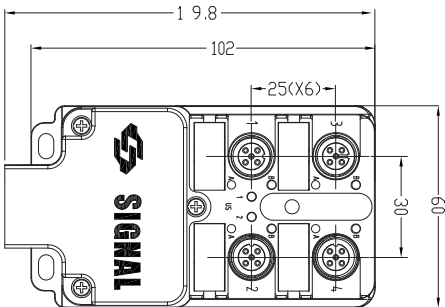
Distribution box series

M12 4-way distribution box

Product figure



Scale diagram

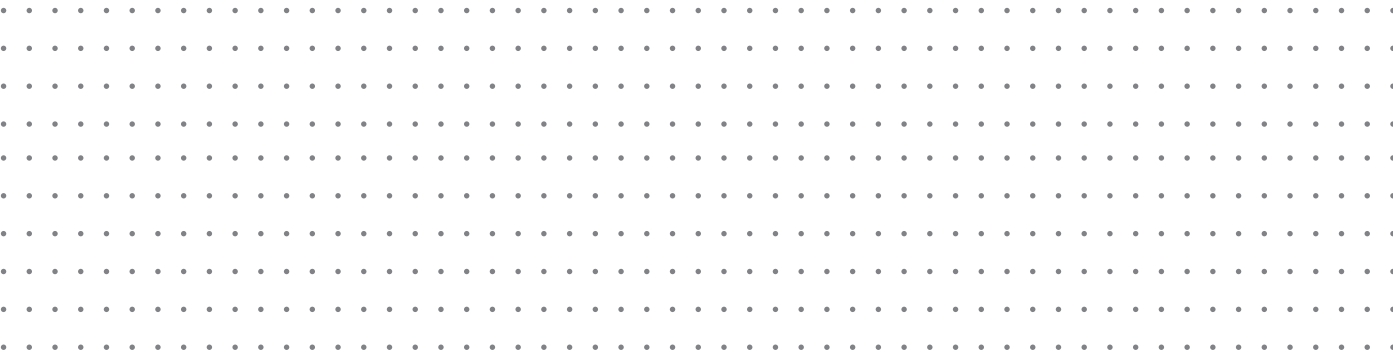


Order Data/订货信息

Order No/订货号	P/N/料号
920105-04-010	—

Specifications/技术参数

Number of contacts/芯数	5
Connector locking system/锁定系统	M12*1.0
Operating temperature/工作温度	-25°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

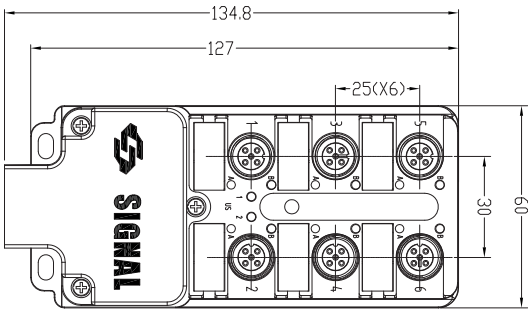


M12 6-way distribution box

Product figure



Scale diagram

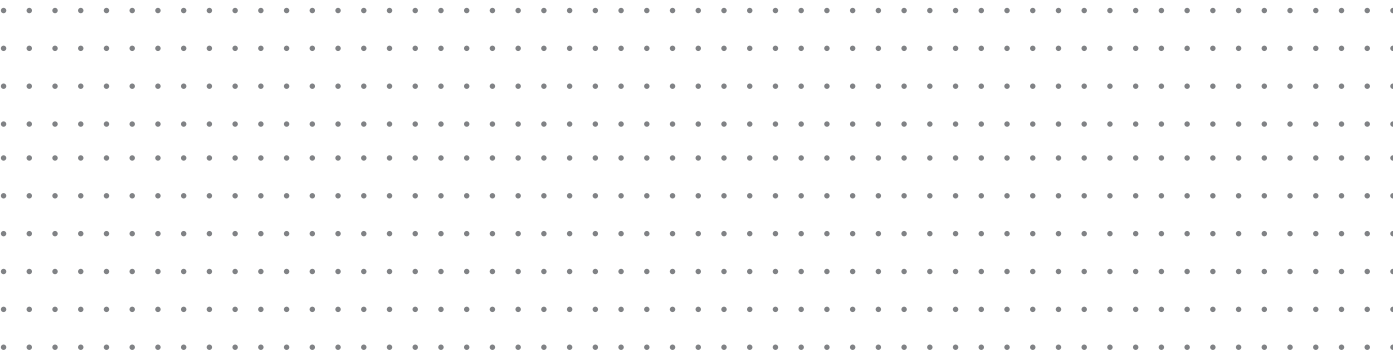


Order Data/订货信息

Order No/订货号	P/N/料号
920105-06-001	—

Specifications/技术参数

Number of contacts/芯数	5
Connector locking system/锁定系统	M12*1.0
Operating temperature/工作温度	-25℃~+85℃
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40℃)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contant/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

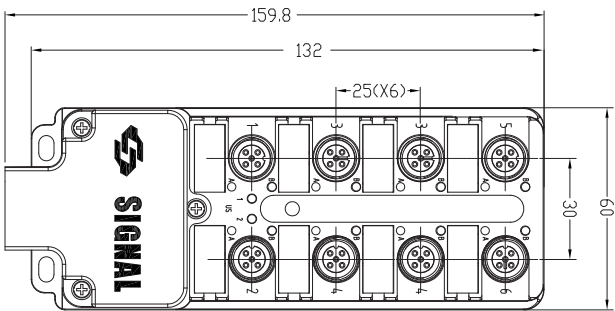


Distribution box series

M12 8-way distribution box

Product figure

Scale diagram



Order Data/订货信息

Order No/订货号	P/N/料号
920105-08-018	—

Specifications/技术参数

Number of contacts/芯数	5
Connector locking system/锁定系统	M12*1.0
Operating temperature/工作温度	-25℃~+85℃
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40℃)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

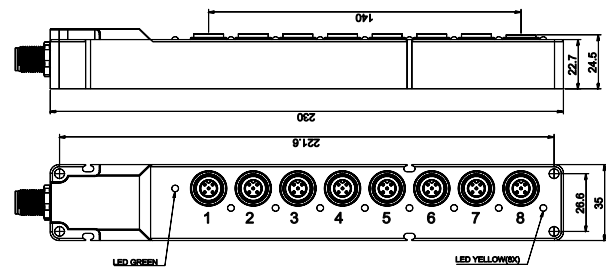
Distribution box series

M12 8-way distribution box

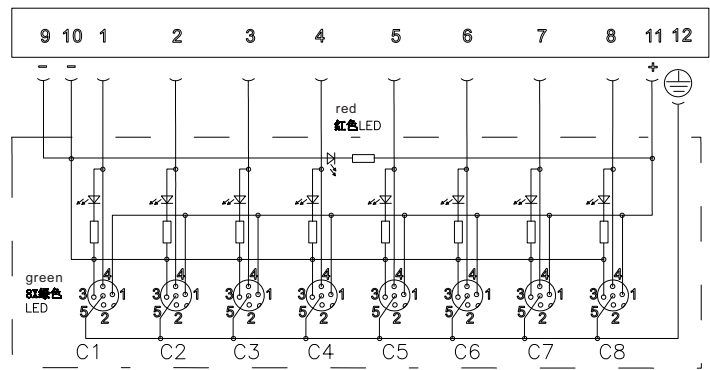
Product figure



Scale diagram



Connection Diagram



Order Data/订货信息

Order No/订货号	P/N/料号
920105-08-001	

Specifications/技术参数

Number of contacts/芯数	5
Connector locking system/锁定系统	M12*1.0
Operating temperature/工作温度	-25°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

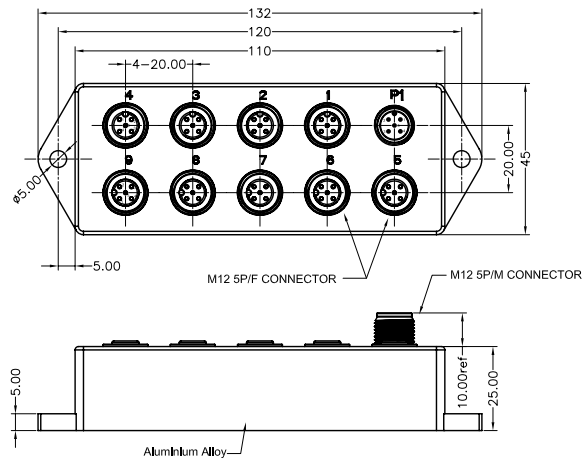
Distribution box series

M12 9-way distribution box

Product figure



Scale diagram



Order Data/订货信息

Order No/订货号	P/N/料号
920105-09-001	

Specifications/技术参数

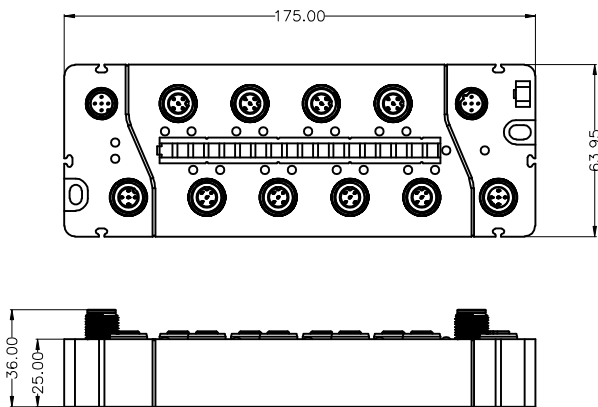
Number of contacts/芯数	5
Connector locking system/锁定系统	M12*1.0
Operating temperature/工作温度	-25℃~+85℃
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40℃)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

M12 10-way distribution box

Product figure



Scale diagram

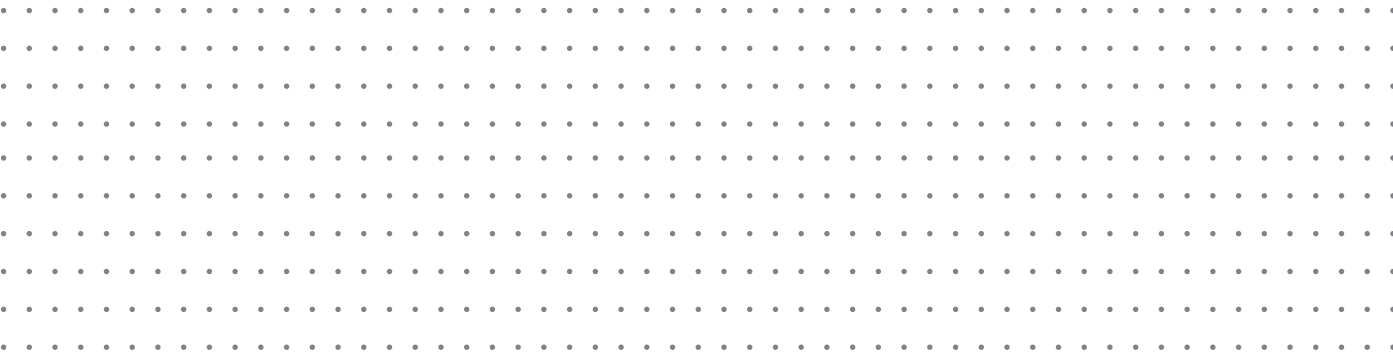


Order Data/订货信息

Order No/订货号	P/N/料号
920105-08-019	—

Specifications/技术参数

Number of contacts/芯数	5
Connector locking system/锁定系统	M12*1.0
Operating temperature/工作温度	-25°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contant/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



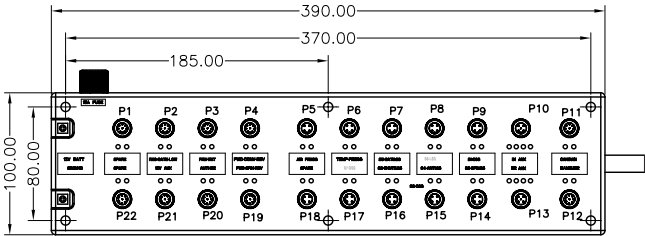
Distribution box series

M12 22-way distribution box

Product figure



Scale diagram



Order Data/订货信息

Order No/订货号	P/N/料号
920100-22-001	—

Specifications/技术参数

Number of contacts/芯数	4/5/8
Connector locking system/锁定系统	M12*1.0
Operating temperature/工作温度	-25°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

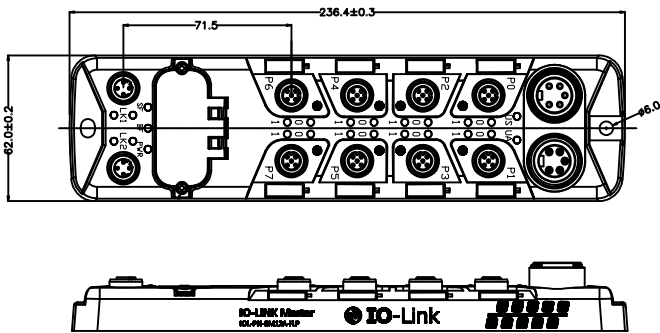
Distribution box series

Mater station module

Product figure



Scale diagram

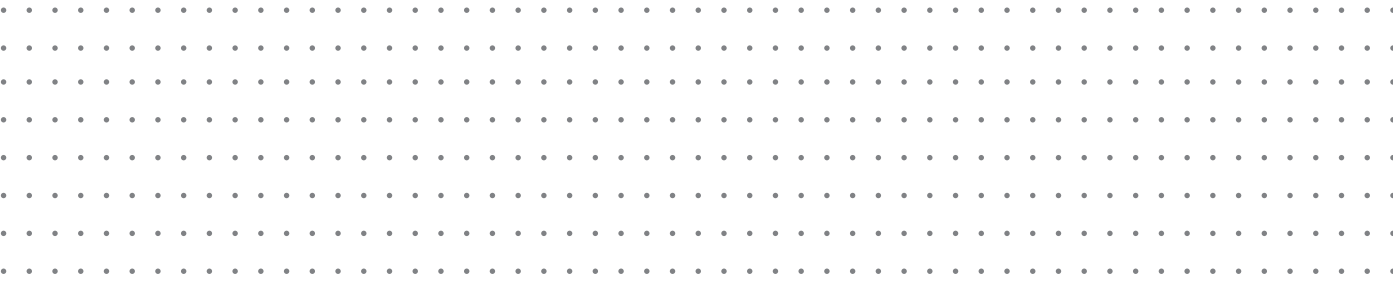


Order Data/订货信息

Order No/订货号	P/N/料号
920105-08-034-1	—

Specifications/技术参数

Rated voltage/额定电压	18...30V DC
System indicator light/系统指示灯	SF/BF
Network indicator light/网络指示灯	LK/100
Power indicator light/电源指示灯	US/UA
Port status indicator/端口状态指示灯	红色、绿色
Network interface/网络接口	M12, D-Coded,母头
Power interface/电源接口	7/8,connector
Connect to port I/O 连接I/O端口	M12, A编码, 母头
I/O Number of ports I/O端口数目	8
8x10-Link Number of primary ports/8x10-Link主端口数目	8xmaster
Working mode (3 lines)/工作模式(3线)	SIO、COM1、COM2、COM3
Indicator light - Communication/指示灯-通信	绿色LED指示灯
Indicator light - error/指示灯-错误	红色LED指示灯
Maximum load current/最大负载电流	2A



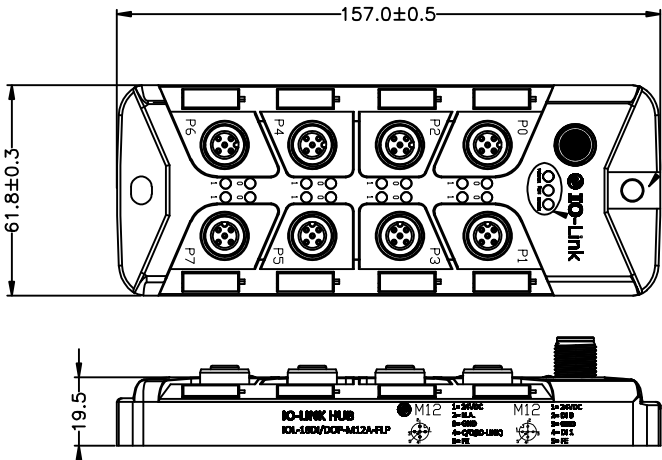
Distribution box series

Slave module

Product figure



Scale diagram



Order Data/订货信息

Order No/订货号	P/N/料号
920105-08-031-3	—

Specifications/技术参数

Rated voltage/额定电压		18..30V DC	
Connect I/O Link 连接 I/O Link		M12, A编码, 公头	
Connect port I/O 连接I/O 端口		M12, A编码, 母头	
Input/output 输入/输出	16DI	16DI/DO可配置	
IO-LinkRUN function indicator/IO-LinkRUN功能指示灯		绿色LED指示灯	
Rated current (40°C)/电源启动指示灯		绿色LED指示灯	
Connect Us/连接 Us		通过IO-Link 接口	
Connected UA/连接 UA		/	
I/O Number of ports I/O 端口数目		8	
Maximum load current sensor/channel/最大负载电流传感器/通道		500mA	
Maximum load current actuator/channel/最大负载电流执行器/通道		/	
Port status indicator/端口状态指示灯		绿色/红色LED	
Total current UT/总电流UT		2A	
Protection level in accordance with IEC 60529/防护等级符合IEC 60529		IP67(正确连接时)	
Operating temperature Ta/工作温度Ta		-5°C ~ +70°C	
Storage temperature/存储温度		-25°C ~ +70°C	
Fastener/紧固件		2个安装孔	
Shell material/外壳材质		PC+ABS	
IO-Link processes data length/IO-Link处理数据长度		2个输入字节	4个输入字节/2个输出字节
Minimum cycle/最小循环周期		3ms	
Indicator light communication/指示灯通信		绿色LED脉冲	
Indicator light error/指示灯错误		红色LED指示灯	

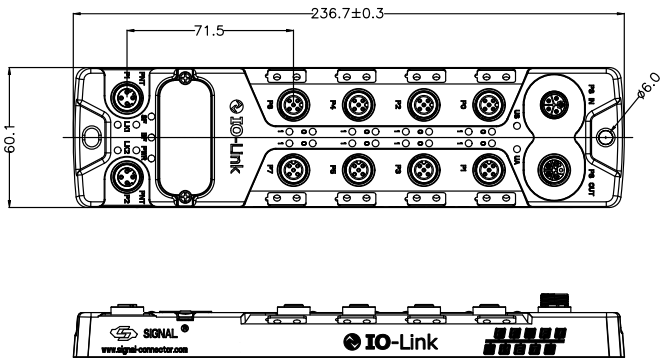
Distribution box series

Mater station module

Product figure



Scale diagram

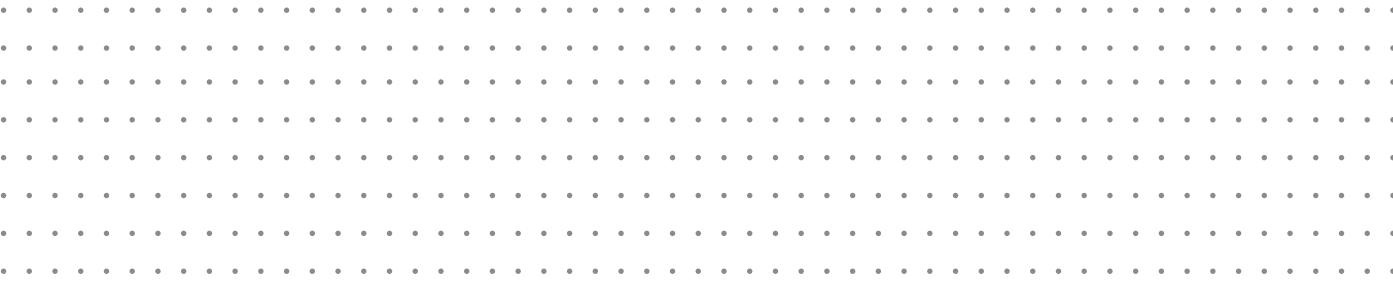


Order Data/订货信息

Order No/订货号	P/N/料号
920105-08-043S	—

Specifications/技术参数

Rated voltage/额定电压	18...30V DC
System indicator light/系统指示灯	SF/BF
Network indicator light/网络指示灯	LK/100
Power indicator light/电源指示灯	US/UA
Port status indicator/端口状态指示灯	红色、绿色
Network interface/网络接口	M12, D-Coded,母头
Power interface/电源接口	M12, L-Coded
Connect to port I/O 连接I/O端口	M12, A编码, 母头
I/O Number of ports I/O端口数目	8
8xIO-Link Number of primary ports/8xIO-Link主端口数目	8xmaster
Working mode (3 lines)/工作模式(3线)	SIO、COM1、COM2、COM3
Indicator light - Communication/指示灯-通信	绿色LED指示灯
Indicator light - error/指示灯-错误	红色LED指示灯
Maximum load current/最大负载电流	2A



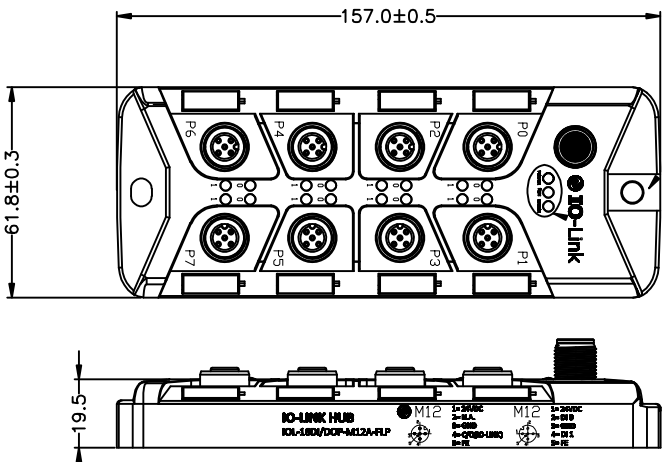
Distribution box series

Slave module

Product figure



Scale diagram



Order Data/订货信息

Order No/订货号	P/N/料号
920105-08-044S	—

Specifications/技术参数

Rated voltage/额定电压		18..30V DC	
Connect I/O Link 连接 I/O Link		M12, A编码, 公头	
Connect port I/O 连接I/O 端口		M12, A编码, 母头	
Input/output 输入/输出	16DI	16DI/DO可配置	
IO-LinkRUN function indicator/IO-LinkRUN功能指示灯		绿色LED指示灯	
Rated current (40℃)/电源启动指示灯		绿色LED指示灯	
Connect Us/连接 Us		通过IO-Link 接口	
Connected UA/连接 UA		/	
I/O Number of ports I/O 端口数目		8	
Maximum load current sensor/channel/最大负载电流传感器/通道		500mA	
Maximum load current actuator/channel/最大负载电流执行器/通道		/	
Port status indicator/端口状态指示灯		绿色/红色LED	
Total current UT/总电流UT		2A	
Protection level in accordance with IEC 60529/防护等级符合IEC 60529		IP67(正确连接时)	
Operating temperature Ta/工作温度Ta		-5℃~+70℃	
Storage temperature/存储温度		-25℃~+70℃	
Fastener/紧固件		2个安装孔	
Shell material/外壳材质		PC+ABS	
IO-Link processes data length/IO-Link处理数据长度		2个输入字节	4个输入字节/2个输出字节
Minimum cycle/最小循环周期		3ms	
Indicator light communication/指示灯通信		绿色LED脉冲	
Indicator light error/指示灯错误		红色LED指示灯	

SPE Connectors



INDUSTRIAL[®]
PARTNER
NETWORK



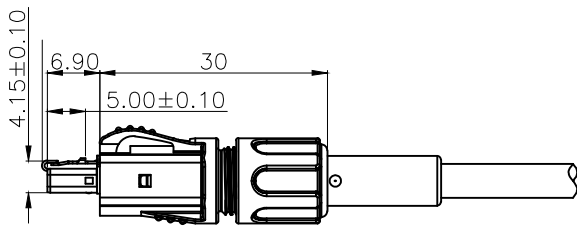
SPE Connectors

SPE Cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

2pins
SPE



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
2pins	940000-00-466	—

Specifications/技术参数

Number of contacts/芯数	2pins	
Termination/接线方式	crimp/压接	刺破/IDC
Wire gauge/线规	0.14mm ² (26AWG)	
Operating temperature/工作温度	-25°C ~ +80°C	
Mechanical operation/插拔次数	> 100 mating cycles	
Rated voltage/额定电压	60V	
Rated current (40°C)/额定电流	4A	
Protection degree/防护等级	IP20	
Contact resistance/接触电阻	≤20mΩ	
Insulation resistance/绝缘电阻	≥500MΩ	
Pin contact/插针材料	CuZn	
Socket contact/插孔材料	CuSn	
Contact plating/针孔镀层材料	Au	

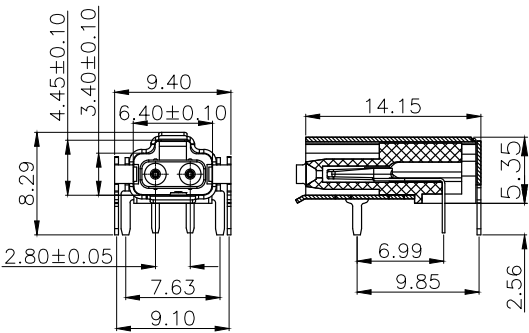


SPE Socket

Product figure

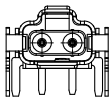


Scale diagram



Contact layout/针孔排布 (Front view/前视图)

2pins
SPE

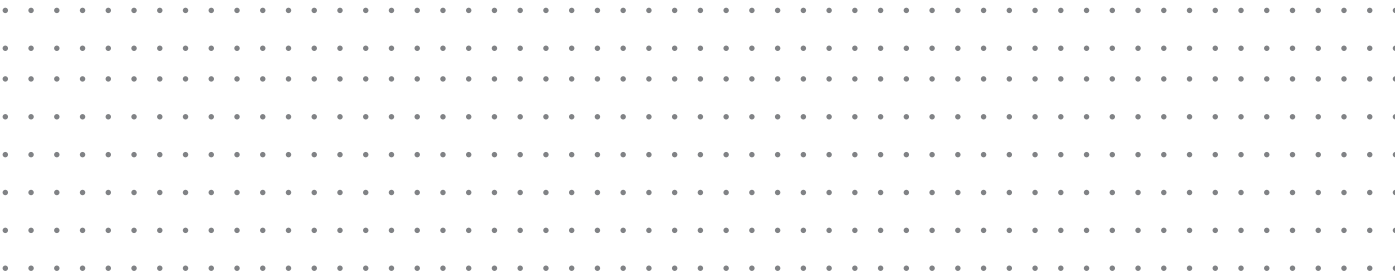


Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
2pins	940000-00-467	—

Specifications/技术参数

Number of contacts/芯数	2pins
Operating temperature/工作温度	-25°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP20
Contact resistance/接触电阻	≤20mΩ
Insulation resistance/绝缘电阻	≥500MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

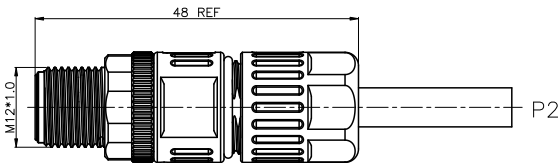


SPE Cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

2pins
SPE



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
2pins	930002-01-001	—

Specifications/技术参数

Number of contacts/芯数	2pins
Termination/接线方式	crimp/压接
Cable OD/线材直径	4~6mm
Operating temperature/工作温度	-40°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤20mΩ
Insulation resistance/绝缘电阻	≥500MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

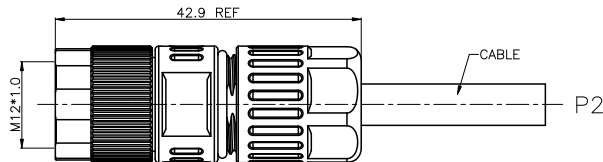


SPE Socket

Product figure

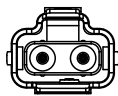


Scale diagram



Contact layout/针孔排布 (Front view/前视图)

2pins
SPE



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
2pins	930002-02-001	—

Specifications/技术参数

Number of contacts/芯数	2pins
Termination/接线方式	crimp/压接
Cable OD/线材直径	4~6mm
Operating temperature/工作温度	-40°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤20mΩ
Insulation resistance/绝缘电阻	≥500MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

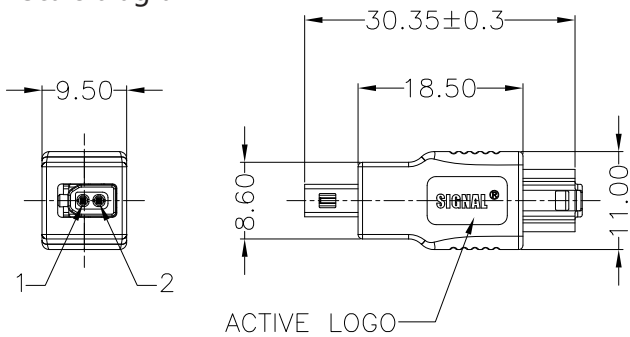


SPE Adapter connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

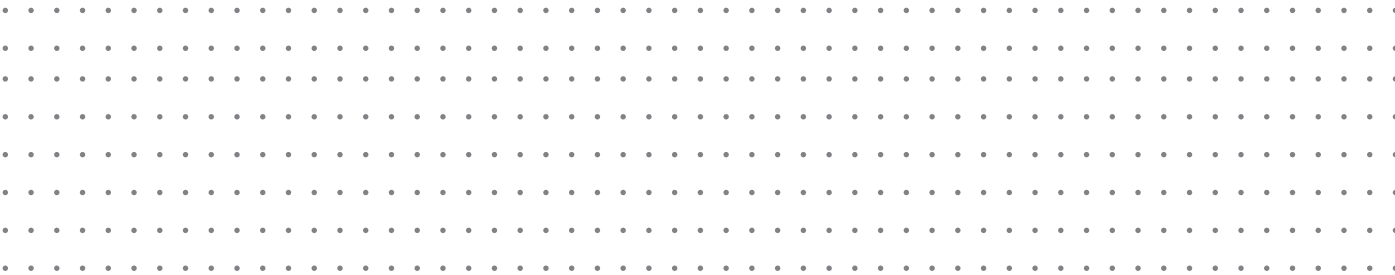


Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
2pins	930002-10-001	—

Specifications/技术参数

Number of contacts/芯数	2pins
Operating temperature/工作温度	-25°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP20
Contact resistance/接触电阻	≤20mΩ
Insulation resistance/绝缘电阻	≥500MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



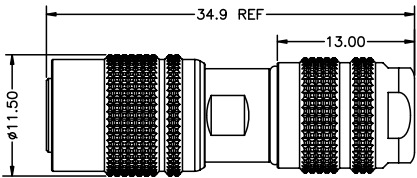
Push-Pull Connectors

Female assembly connector

Product figure

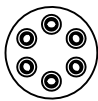


Scale diagram

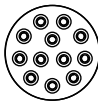


Contact layout/针孔排布 (Front view/前视图)

6pins



12pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
6pins	950106-02-001	—
12pins	950112-02-001	—

Specifications/技术参数

Number of contacts/芯数	6	12
Termination/接线方式	solder/焊接	
Wire gauge/线规	0.15mm ² (26AWG)	
Cable OD/线材直径	3~7mm	
Operating temperature/工作温度	-25°C~+85°C	
Mechanical operation/插拔次数	> 100 mating cycles	
Rated voltage/额定电压	140V	
Rated current (40°C)/额定电流	2A	
Protection degree/防护等级	IP67	
Contact resistance/接触电阻	≤3mΩ	
Insulation resistance/绝缘电阻	≥100MΩ	
Pin contact/插针材料	CuZn	
Socket contact/插孔材料	CuSn	
Contact plating/针孔镀层材料	Au	

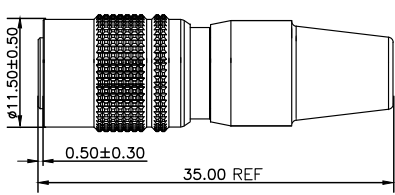
Push-Pull Connectors

Female connector

Product figure

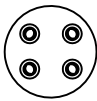


Scale diagram

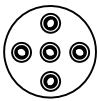


Contact layout/针孔排布 (Front view/前视图)

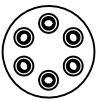
4pins



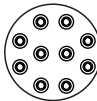
5pins



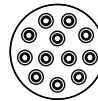
6pins



10pins



12pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
4pins	950104-21-001	—
5pins	950105-21-001	—
6pins	950106-21-001	—
10pins	950110-21-001	—
12pins	950112-21-001	—

Specifications/技术参数

Number of contacts/芯数	4	5	6	10	12
Termination/接线方式	solder/焊接				
Wire gauge/线规	0.15mm ² (26AWG)				
Cable OD/线材直径	3~7mm				
Operating temperature/工作温度	-25°C~+85°C				
Mechanical operation/插拔次数	> 100 mating cycles				
Rated voltage/额定电压	140V				
Rated current (40°C)/额定电流	2A				
Protection degree/防护等级	IP20				
Contact resistance/接触电阻	≤3mΩ				
Insulation resistance/绝缘电阻	≥100MΩ				
Pin contact/插针材料	CuZn				
Socket contact/插孔材料	CuSn				
Contact plating/针孔镀层材料	Au				

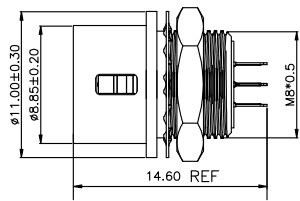
Push-Pull Connectors

Male panel mount connector

Product figure



Scale diagram

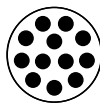


Contact layout/针孔排布 (Front view/前视图)

6pins



12pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	Termination/接线方式
6pins	950106-03-002	solder/焊接
12pins	950112-03-001	solder/焊接
6pins	950106-03-001	PCB
12pins	950112-03-002	PCB

Specifications/技术参数

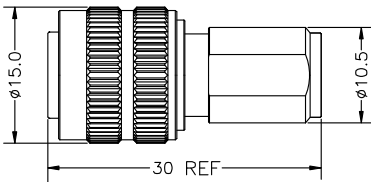
Number of contacts/芯数	6	12
Termination/接线方式	PCB / solder/焊接	
Wire gauge/线规	0.15mm ² (26AWG)	
Operating temperature/工作温度	-25°C ~ +85°C	
Mechanical operation/插拔次数	> 100 mating cycles	
Rated voltage/额定电压	140V	
Rated current (40°C)/额定电流	2A	
Protection degree/防护等级	IP20	
Contact resistance/接触电阻	≤3mΩ	
Insulation resistance/绝缘电阻	≥100MΩ	
Pin contact/插针材料	CuZn	
Socket contact/插孔材料	CuSn	
Contact plating/针孔镀层材料	Au	

Male connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

6pins



12pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
6pins	940006-20-002	—
12pins	940012-20-001	—

Specifications/技术参数

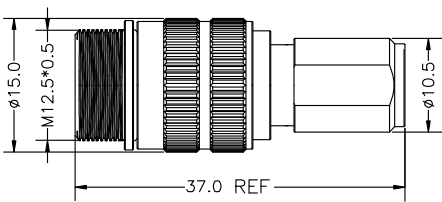
Number of contacts/芯数	6	12
Termination/接线方式	solder/焊接	
Wire gauge/线规	0.15mm ² (26AWG)	
Cable OD/线材直径	3~7mm	
Operating temperature/工作温度	-25℃~+85℃	
Mechanical operation/插拔次数	> 100 mating cycles	
Rated voltage/额定电压	300V	
Rated current (40℃)/额定电流	2A	
Protection degree/防护等级	IP67	
Contact resistance/接触电阻	≤3mΩ	
Insulation resistance/绝缘电阻	≥100MΩ	
Pin contant/插针材料	CuZn	
Socket contact/插孔材料	CuSn	
Contact plating/针孔镀层材料	Au	

Female connector

Product figure

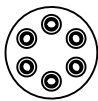


Scale diagram

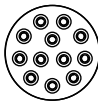


Contact layout/针孔排布 (Front view/前视图)

6pins



12pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
6pins	950106-21-001	—
12pins	950112-21-001	—

Specifications/技术参数

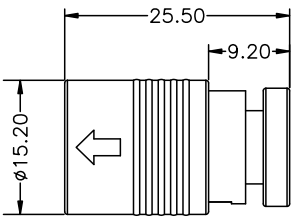
Number of contacts/芯数	6	12
Termination/接线方式	solder/焊接	
Wire gauge/线规	0.15mm ² (26AWG)	
Cable OD/线材直径	3~7mm	
Operating temperature/工作温度	-25°C~+85°C	
Mechanical operation/插拔次数	> 100 mating cycles	
Rated voltage/额定电压	300V	
Rated current (40°C)/额定电流	2A	
Protection degree/防护等级	IP67	
Contact resistance/接触电阻	≤3mΩ	
Insulation resistance/绝缘电阻	≥100MΩ	
Pin contact/插针材料	CuZn	
Socket contact/插孔材料	CuSn	
Contact plating/针孔镀层材料	Au	

Female connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

12pins



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
12pins	940012-00-005	—

Specifications/技术参数

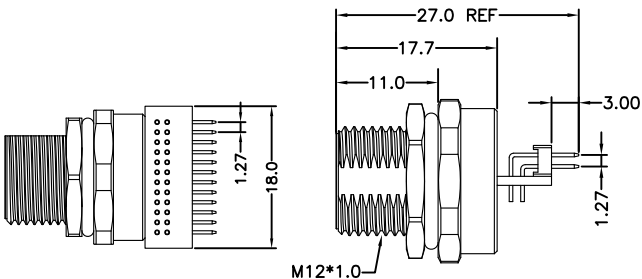
Number of contacts/芯数	12
Termination/接线方式	solder/焊接
Wire gauge/线规	0.32~0.05mm ² (24~30AWG)
Operating temperature/工作温度	-25°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	30V AC / 42V DC
Rated current (40°C)/额定电流	2A
Protection degree/防护等级	IP20
Contact resistance/接触电阻	≤15mΩ
Insulation resistance/绝缘电阻	≥1000MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

USB 3.1 TYPE C Panel connector

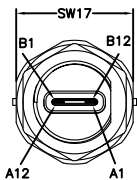
Product figure(front fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

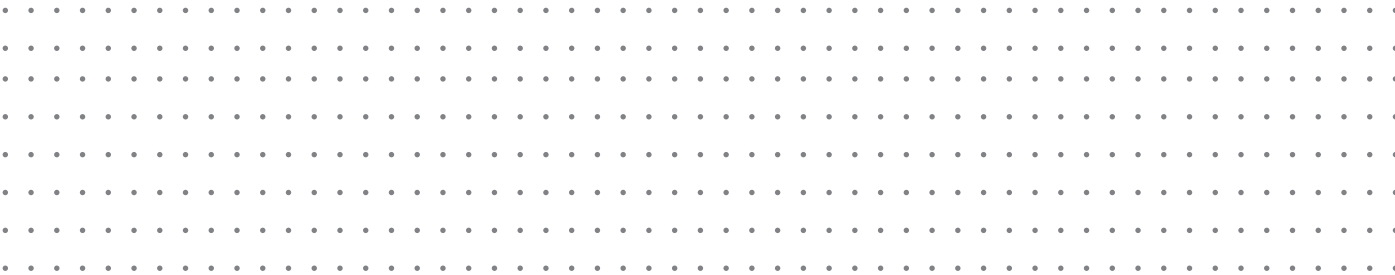


Order Data/订货信息

Order No/订货号	P/N/料号
940000-00-237	—

Specifications/技术参数

Number of contacts/芯数	—
Operating temperature/工作温度	-25°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	30V
Rated current (40°C)/额定电流	1A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤20mΩ
Insulation resistance/绝缘电阻	≥500MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

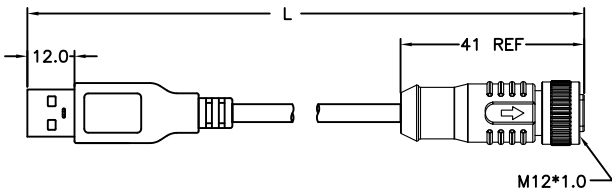


USB 3.0 A Male to TYPE C Male Cable

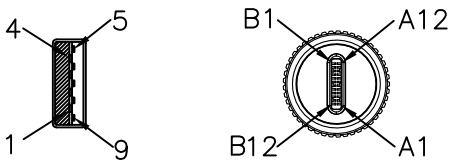
Product figure(front fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

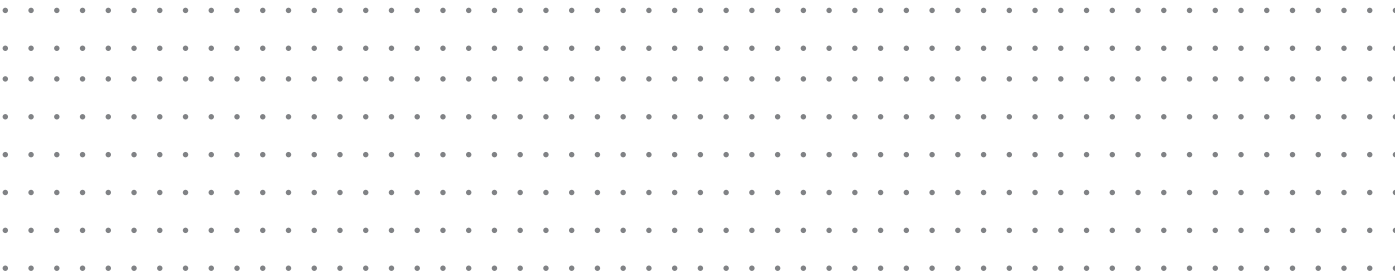


Order Data/订货信息

Order No/订货号	P/N/料号
940000-55-025	—

Specifications/技术参数

Number of contacts/芯数	—
Operating temperature/工作温度	-25℃~+85℃
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	30V
Rated current (40℃)/额定电流	1A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤20mΩ
Insulation resistance/绝缘电阻	≥500MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

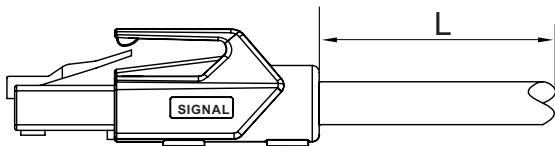


RJ45 (1)

Product figure



Scale diagram



Order Data/订货信息

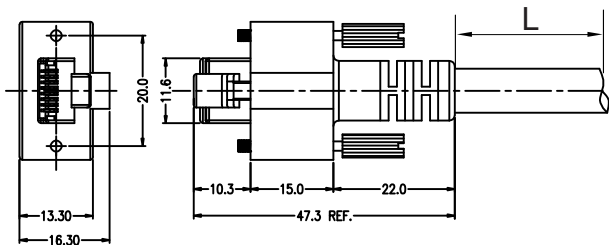
Contacts/芯数	Order No/订货号	P/N/料号
8pins	940008-01-004	—

RJ45 (2)

Product figure



Scale diagram



Order Data/订货信息

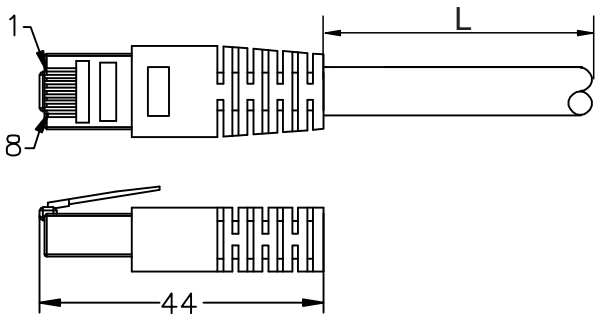
Contacts/芯数	Order No/订货号	P/N/料号
8pins	940008-05-001	—

RJ45 (3)

Product figure



Scale diagram



Order Data/订货信息

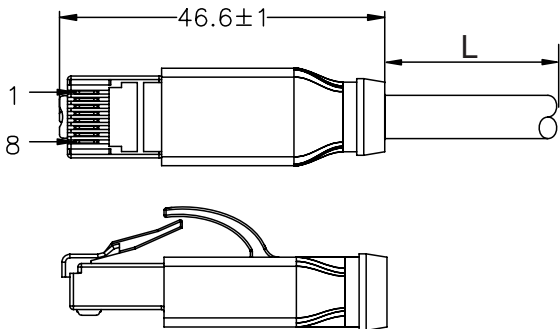
Contacts/芯数	Order No/订货号	P/N/料号
8pins	940008-05-007	—

RJ45 (4)

Product figure



Scale diagram



Order Data/订货信息

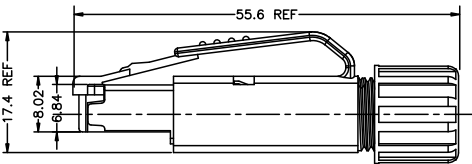
Contacts/芯数	Order No/订货号	P/N/料号
8pins	940008-05-015	—

RJ45 (5)

Product figure



Scale diagram



Order Data/订货信息

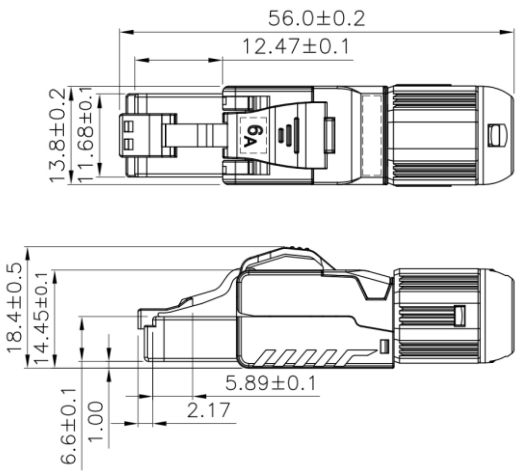
Contacts/芯数	Order No/订货号	P/N/料号
4pins	940004-07-001	_____
8pins	940008-07-001	_____

RJ45 (6)

Product figure



Scale diagram



Order Data/订货信息

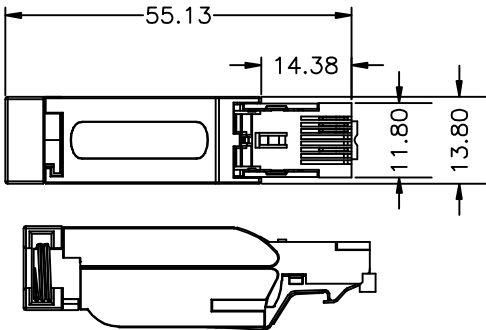
Contacts/芯数	Order No/订货号	P/N/料号
8pins	940008-07-002	_____

RJ45 (7)

Product figure



Scale diagram



Order Data/订货信息

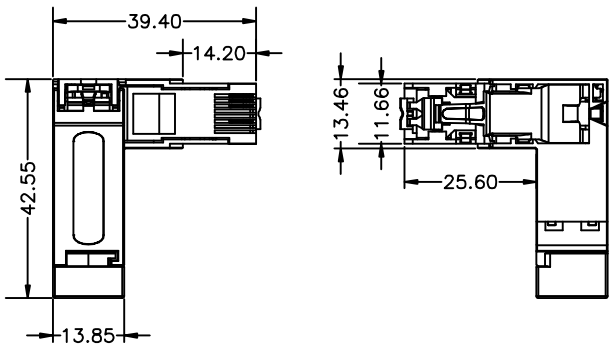
Contacts/芯数	Order No/订货号	P/N/料号
4pins	940004-07-004	_____
8pins	940004-07-005	_____

RJ45 (8)

Product figure



Scale diagram



Order Data/订货信息

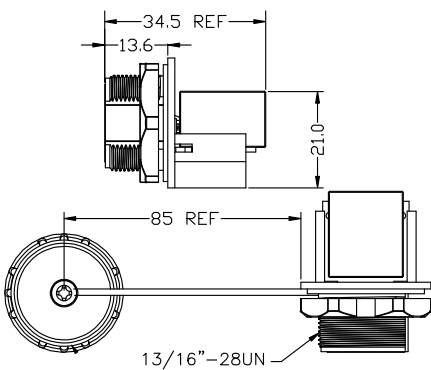
Contacts/芯数	Order No/订货号	P/N/料号
4pins	940004-07-005	_____

RJ45 (9)

Product figure



Scale diagram



Order Data/订货信息

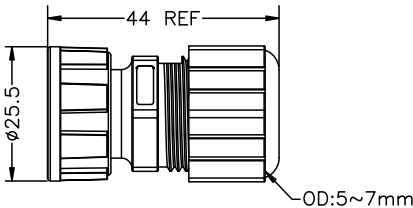
Contacts/芯数	Order No/订货号	P/N/料号
8pins	940008-04-004	_____

RJ45 (10)

Product figure



Scale diagram



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
8pins	940000-01-003	_____



NMEA 2000



NMEA 2000 Connector

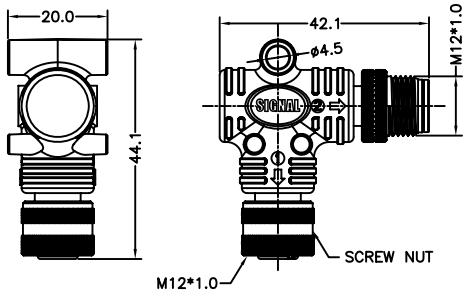
NMEA 2000 Connectors

M12 5Pin A-Coding (Micro) Right Angled
T-Connector Plastic Screw

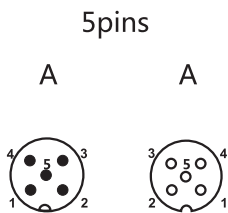
Product figure(male to female)



Scale diagram



Contact layout/针孔排布(Front view/前视图)



Order Data/订货信息

Contacts/芯数	Contacts plating/端子电镀	Order No/订货号
5pins	Gold plated/镀金 3μ"	120105-10-576

Specification/技术参数

Number of contacts/芯数	5
Connector Style/连接器样式	NMEA 2000
Connection type/连接类型	Adapter/转接头
Protection degree/防护等级	IP67
Operating temperature/工作温度	-25°C ~ +85°C
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Contact resistance/接触阻抗	≤5mΩ
Insulation resistance/绝缘阻抗	≥100MΩ
Mechanical Operation/插拔次数	>100 mating cycles
Contacts plating/端子电镀	Gold plated/镀金 3μ"
Connector contacts/端子材料	Brass with gold plated/黄铜镀金
Shielding/是否屏蔽	Unshielded/否

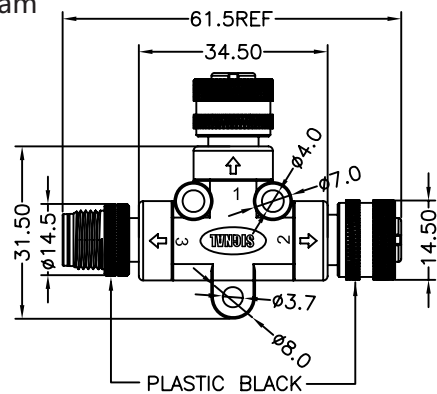
NMEA 2000 Connectors

M12 5Pin A-Coding (Micro) T-Connector
Plastic Screw

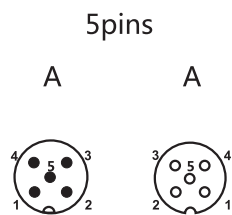
Product figure(1male to 2female)



Scale diagram



Contact layout/针孔排布(Front view/前视图)



Order Data/订货信息

Contacts/芯数	Contacts plating/端子电镀	Order No/订货号
5pins	Gold plated/镀金 3μ"	120105-10-584

Specification/技术参数

Number of contacts/芯数	5
Connector Style/连接器样式	NMEA 2000
Connection type/连接类型	Adapter/转接头
Protection degree/防护等级	IP67
Operating temperature/工作温度	-25°C~+85°C
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Contact resistance/接触阻抗	≤5mΩ
Insulation resistance/绝缘阻抗	≥100MΩ
Mechanical Operation/插拔次数	>100 mating cycles
Contacts plating/端子电镀	Gold plated/镀金 3μ"
Connector contacts/端子材料	Brass with gold plated/黄铜镀金
Shielding/是否屏蔽	Unshielded/否

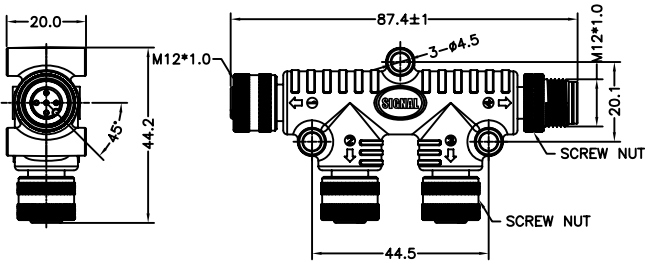
NMEA 2000 Connectors

M12 5Pin A-Coding (Micro) T-Connector
Plastic Screw

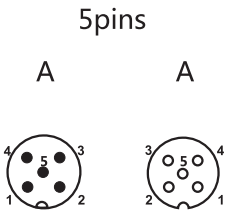
Product figure(1male to 3female)



Scale diagram



Contact layout/针孔排布(Front view/前视图)



Order Data/订货信息

Contacts/芯数	Contacts plating/端子电镀	Order No/订货号
5pins	Gold plated/镀金 3μ"	120105-10-588

Specification/技术参数

Number of contacts/芯数	5
Connector Style/连接器样式	NMEA 2000
Connection type/连接类型	Adapter/转接头
Protection degree/防护等级	IP67
Operating temperature/工作温度	-25°C~+85°C
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Contact resistance/接触阻抗	≤5mΩ
Insulation resistance/绝缘阻抗	≥100MΩ
Mechanical Operation/插拔次数	>100 mating cycles
Contacts plating/端子电镀	Gold plated/镀金 3μ"
Connector contacts/端子材料	Brass with gold plated/黄铜镀金
Shielding/是否屏蔽	Unshielded/否

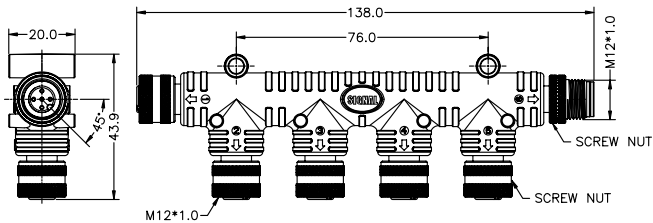
NMEA 2000 Connectors

M12 5Pin A-Coding (Micro) T-Connector
Plastic Screw

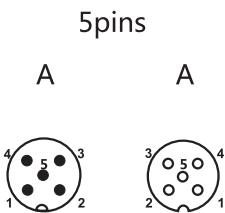
Product figure(1male to 5female)



Scale diagram



Contact layout/针孔排布(Front view/前视图)



Order Data/订货信息

Contacts/芯数	Contacts plating/端子电镀	Order No/订货号
5pins	Gold plated/镀金 3μ"	120105-10-586

Specification/技术参数

Number of contacts/芯数	5
Connector Style/连接器样式	NMEA 2000
Connection type/连接类型	Adapter/转接头
Protection degree/防护等级	IP67
Operating temperature/工作温度	-25°C ~ +85°C
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Contact resistance/接触阻抗	≤5mΩ
Insulation resistance/绝缘阻抗	≥100MΩ
Mechanical Operation/插拔次数	>100 mating cycles
Contacts plating/端子电镀	Gold plated/镀金 3μ"
Connector contacts/端子材料	Brass with gold plated/黄铜镀金
Shielding/是否屏蔽	Unshielded/否

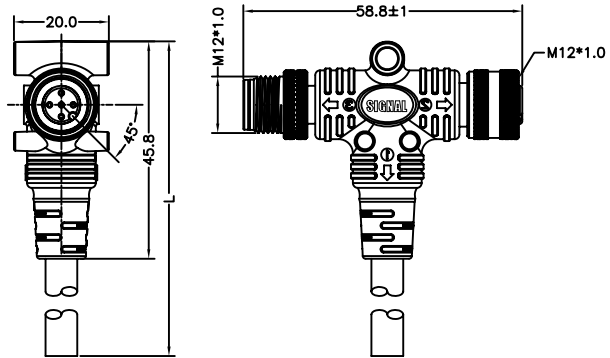
NMEA 2000 Connectors

NMEA 2K Power Tap M12 5Pin A-Coding Male to Female T-Connector Cable

Product figure



Scale diagram

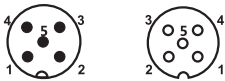


Contact layout/针孔排布(Front view/前视图)

5pins

A

A



Order Data/订货信息

Contacts/芯数	Contacts plating/端子电镀	Cable length/线材长度	Order No/订货号
5pins	Gold plated/镀金 3μ"	1000MM	120105-10-578
		5000MM	120105-10-583

Specification/技术参数

Number of contacts/芯数	5
Connector Style/连接器样式	NMEA 2000
Connection type/连接类型	Splitter cable/转接头带线
Protection degree/防护等级	IP67
Operating temperature/工作温度	-25°C ~ +80°C
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Contact resistance/接触阻抗	≤5mΩ
Insulation resistance/绝缘阻抗	≥100MΩ
Cable jacket/线材外被	PVC
Wire gauge/线规	22/24AWG(0.34/0.25mm ²)
Mechanical Operation/插拔次数	> 100 mating cycles
Contacts plating/端子电镀	Gold plated/镀金 3μ"
Connector contacts/端子材料	Brass with gold plated/黄铜镀金
Shielding/是否屏蔽	Unshielded/否

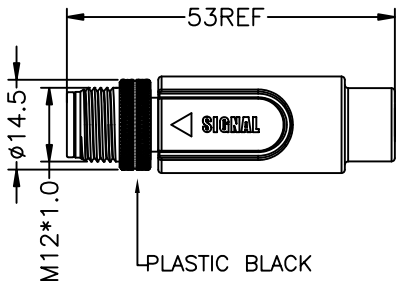
NMEA 2000 Connectors

M12 5Pin A-Coding (Micro) Male
Termination Resistor Plastic Screw

Product figure



Scale diagram



Contact layout/针孔排布(Front view/前视图)

5pins
A



Order Data/订货信息

Contacts/芯数	Contacts plating/端子电镀	Order No/订货号
5pins	Gold plated/镀金 3μ"	120105-05-588

Specification/技术参数

Number of contacts/芯数	5
Connector Style/连接器样式	NMEA 2000
Connection type/连接类型	Termination Resistor/终端电阻
Protection degree/防护等级	IP67
Operating temperature/工作温度	-25°C ~ +85°C
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Contact resistance/接触阻抗	≤5mΩ
Insulation resistance/绝缘阻抗	≥100MΩ
Mechanical Operation/插拔次数	>100 mating cycles
Contacts plating/端子电镀	Gold plated/镀金 3μ"
Connector contacts/端子材料	Brass with gold plated/黄铜镀金
Shielding/是否屏蔽	Unshielded/否

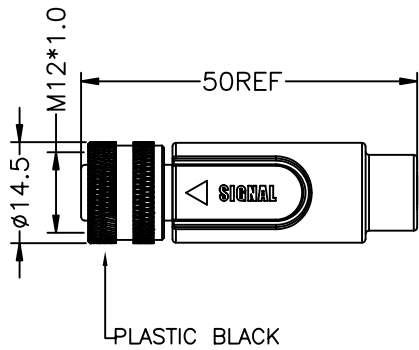
NMEA 2000 Connectors

M12 5Pin A-Coding (Micro) Female
Termination Resistor Plastic Screw

Product figure



Scale diagram



Contact layout/针孔排布(Front view/前视图)

5pins
A



Order Data/订货信息

Contacts/芯数	Contacts plating/端子电镀	Order No/订货号
5pins	Gold plated/镀金 3μ"	120105-06-588

Specification/技术参数

Number of contacts/芯数 5

Connector Style/连接器样式	NMEA 2000
Connection type/连接类型	Termination Resistor/终端电阻
Protection degree/防护等级	IP67
Operating temperature/工作温度	-25°C ~ +85°C
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Contact resistance/接触阻抗	≤5mΩ
Insulation resistance/绝缘阻抗	≥100MΩ
Mechanical Operation/插拔次数	> 100 mating cycles
Contacts plating/端子电镀	Gold plated/镀金 3μ"
Connector contacts/端子材料	Brass with gold plated/黄铜镀金
Shielding/是否屏蔽	Unshielded/否

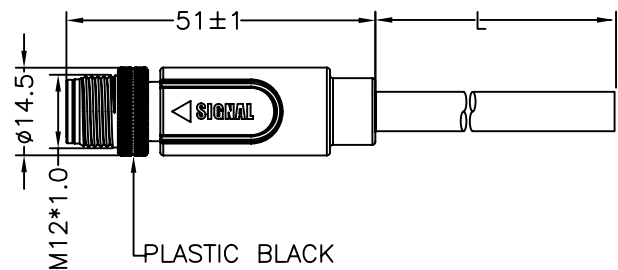
NMEA 2000 Connectors

NMEA 2K M12 A-coding 5Pin Male
(Micro) Cable Connector

Product figure



Scale diagram



Contact layout/针孔排布(Front view/前视图)

5pins

A



Order Data/订货信息

Contacts/芯数	Contacts plating/端子电镀	Cable length/线材长度	Order No/订货号
5pins	Gold plated/镀金 3μ"	1000MM	120105-05-572

Specification/技术参数

Number of contacts/芯数	5
Connector Style/连接器样式	NMEA 2000
Connection type/连接类型	Single ended cable/单端线缆
Protection degree/防护等级	IP67
Operating temperature/工作温度	-25°C ~ +80°C
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Contact resistance/接触阻抗	≤5mΩ
Insulation resistance/绝缘阻抗	≥100MΩ
Cable jacket/线材外被	PUR+AEB
Wire gauge/线规	22/24AWG(0.34/0.25mm ²)
Mechanical Operation/插拔次数	>100 mating cycles
Contacts plating/端子电镀	Gold plated/镀金 3μ"
Connector contacts/端子材料	Brass with gold plated/黄铜镀金
Shielding/是否屏蔽	shielded/是

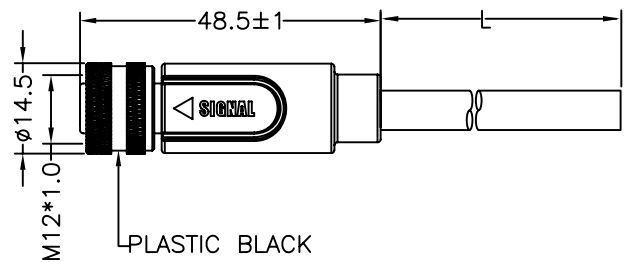
NMEA 2000 Connectors

NMEA 2K M12 A-coding 5Pin Female
(Micro) Cable Connector

Product figure



Scale diagram



Contact layout/针孔排布(Front view/前视图)

5pins

A



Order Data/订货信息

Contacts/芯数	Contacts plating/端子电镀	Cable length/线材长度	Order No/订货号
5pins	Gold plated/镀金 3μ"	1000MM	120105-06-572

Specification/技术参数

Number of contacts/芯数	5
Connector Style/连接器样式	NMEA 2000
Connection type/连接类型	Single ended cable/单端线缆
Protection degree/防护等级	IP67
Operating temperature/工作温度	-25°C ~ +80°C
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Contact resistance/接触阻抗	≤5mΩ
Insulation resistance/绝缘阻抗	≥100MΩ
Cable jacket/线材外被	PUR+AEB
Wire gauge/线规	22/24AWG(0.34/0.25mm ²)
Mechanical Operation/插拔次数	>100 mating cycles
Contacts plating/端子电镀	Gold plated/镀金 3μ"
Connector contacts/端子材料	Brass with gold plated/黄铜镀金
Shielding/是否屏蔽	shielded/是

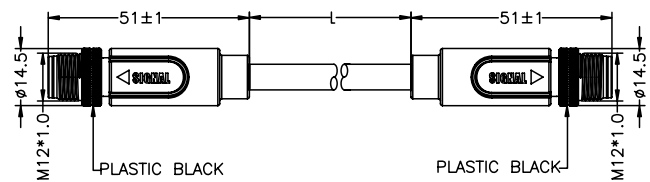
NMEA 2000 Connectors

NMEA 2K M12 A-coding 5Pin Male to Male (Micro) Cable Connector

Product figure



Scale diagram



Contact layout/针孔排布(Front view/前视图)

5pins

A



Order Data/订货信息

Contacts/芯数	Contacts plating/端子电镀	Cable length/线材长度	Order No/订货号
5pins	Gold plated/镀金 3μ"	3000MM	120105-55-018

Specification/技术参数

Number of contacts/芯数	5
Connector Style/连接器样式	NMEA 2000
Connection type/连接类型	Double ended cable/双端线缆
Protection degree/防护等级	IP67
Operating temperature/工作温度	-25°C~+80°C
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Contact resistance/接触阻抗	≤5mΩ
Insulation resistance/绝缘阻抗	≥100MΩ
Cable jacket/线材外被	PUR+AEB
Wire gauge/线规	22/24AWG(0.34/0.25mm ²)
Mechanical Operation/插拔次数	>100 mating cycles
Contacts plating/端子电镀	Gold plated/镀金 3μ"
Connector contacts/端子材料	Brass with gold plated/黄铜镀金
Shielding/是否屏蔽	shielded/是

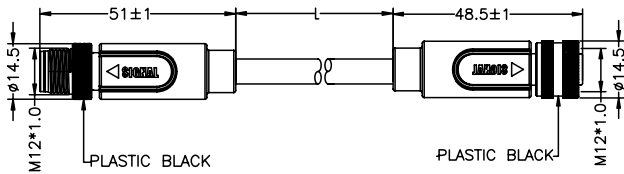
NMEA 2000 Connectors

NMEA 2K M12 A-coding 5Pin Male to Female (Micro) Cable Connector

Product figure



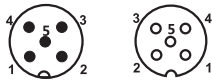
Scale diagram



Contact layout/针孔排布(Front view/前视图)

5pins

A



Order Data/订货信息

Contacts/芯数	Contacts plating/端子电镀	Cable length/线材长度	Order No/订货号
5pins	Gold plated/镀金 3μ"	1000MM	120105-56-572
		3000MM	120105-56-227
		6000MM	120105-56-576

Specification/技术参数

Number of contacts/芯数	5
Connector Style/连接器样式	NMEA 2000
Connection type/连接类型	Double ended cable/双端线缆
Protection degree/防护等级	IP67
Operating temperature/工作温度	-25°C ~ +80°C
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Contact resistance/接触阻抗	≤5mΩ
Insulation resistance/绝缘阻抗	≥100MΩ
Cable jacket/线材外被	PUR+AEB
Wire gauge/线规	22/24AWG(0.34/0.25mm ²)
Mechanical Operation/插拔次数	>100 mating cycles
Contacts plating/端子电镀	Gold plated/镀金 3μ"
Connector contacts/端子材料	Brass with gold plated/黄铜镀金
Shielding/是否屏蔽	shielded/是

D-Sub Connectors



D-Sub Connectors

1.D-Sub Panel Mount (DB)

D001 - D006

2.D-Sub Panel Mount (HDB)

D007 - D012

3.D-Sub Field Wirable Assembly

D013 - D019

4.D-Sub Adapter

D020 - D022

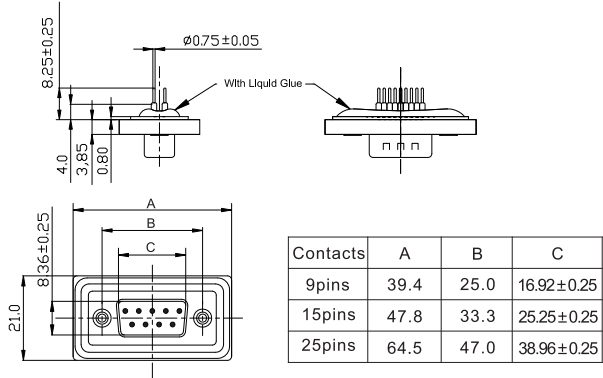
D-Sub Connectors

Male Panel Mount, PCB Type (DB)

Product figure

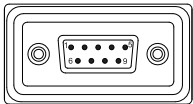


Scale diagram

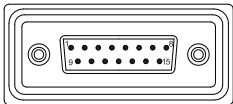


Contact layout/针孔排布 (Front view/前视图)

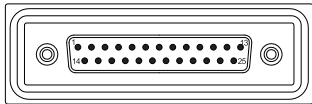
9pins



15pins



25pins



Order Data/订货信息

Contacts/芯数	Order No/订货号
9pins	910109-03-011
15pins	910115-03-011
25pins	910125-03-011

Specifications/技术参数

Number of contacts/芯数	9	15	25
Connector Style/连接器样式	D-Sub		
Termination/接线方式	PCB		
Protection degree/防护等级	IP67		
Operating temperature/工作温度	-25°C ~ +85°C		
Rated voltage/额定电压	300V		
Rated current (40°C)/额定电流	5A		
Contact resistance/接触阻抗	≤10mΩ		
Insulation resistance/绝缘阻抗	≥100MΩ		
Connector insert/胶芯材料	PA66+GF		
Connector contacts/端子材料	Brass with gold plated/黄铜镀金		
Shielding/是否屏蔽	Unshielded/否		

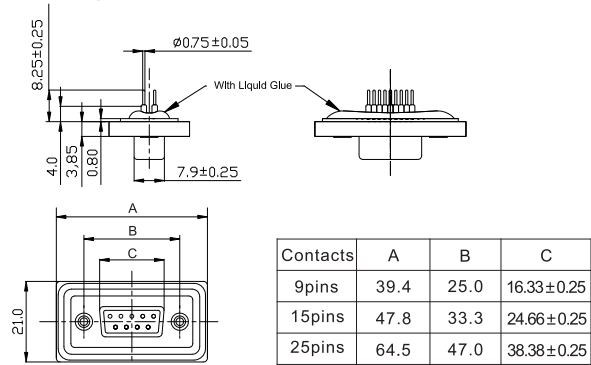
D-Sub Connectors

Female Panel Mount, PCB Type (DB)

Product figure

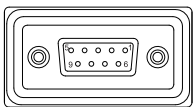


Scale diagram

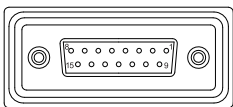


Contact layout/针孔排布 (Front view/前视图)

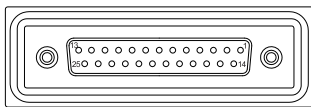
9pins



15pins



25pins



Order Data/订货信息

Contacts/芯数	Order No/订货号
9pins	910109-04-011
15pins	910115-04-011
25pins	910125-04-011

Specifications/技术参数

Number of contacts/芯数	9	15	25
Connector Style/连接器样式	D-Sub		
Termination/接线方式	PCB		
Protection degree/防护等级	IP67		
Operating temperature/工作温度	-25°C ~ +85°C		
Rated voltage/额定电压	300V		
Rated current (40°C)/额定电流	5A		
Contact resistance/接触阻抗	≤10mΩ		
Insulation resistance/绝缘阻抗	≥100MΩ		
Connector insert/胶芯材料	PA66+GF		
Connector contacts/端子材料	Brass with gold plated/黄铜镀金		
Shielding/是否屏蔽	Unshielded/否		

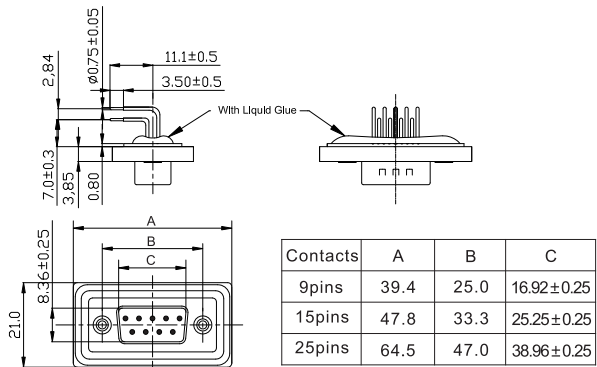
D-Sub Connectors

Male Panel Mount,
Angled Contacts PCB Type (DB)

Product figure

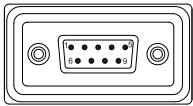


Scale diagram

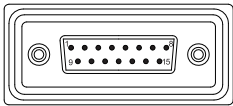


Contact layout/针孔排布 (Front view/前视图)

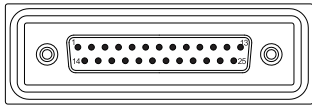
9pins



15pins



25pins



Order Data/订货信息

Contacts/芯数	Order No/订货号
9pins	910109-03-012
15pins	910115-03-012
25pins	910125-03-012

Specifications/技术参数

Number of contacts/芯数	9	15	25
Connector Style/连接器样式	D-Sub		
Termination/接线方式	PCB		
Protection degree/防护等级	IP67		
Operating temperature/工作温度	-25°C ~ +85°C		
Rated voltage/额定电压	300V		
Rated current (40°C)/额定电流	5A		
Contact resistance/接触阻抗	≤10mΩ		
Insulation resistance/绝缘阻抗	≥100MΩ		
Connector insert/胶芯材料	PA66+GF		
Connector contacts/端子材料	Brass with gold plated/黄铜镀金		
Shielding/是否屏蔽	Unshielded/否		

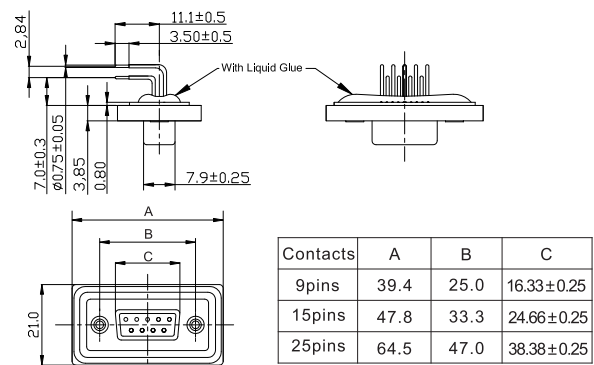
D-Sub Connectors

Female Panel Mount,
Angled Contacts PCB Type (DB)

Product figure

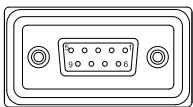


Scale diagram

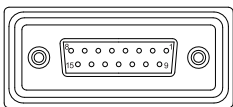


Contact layout/针孔排布 (Front view/前视图)

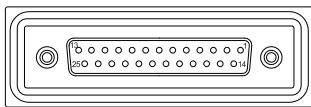
9pins



15pins



25pins



Order Data/订货信息

Contacts/芯数	Order No/订货号
9pins	910109-04-012
15pins	910115-04-012
25pins	910125-04-012

Specifications/技术参数

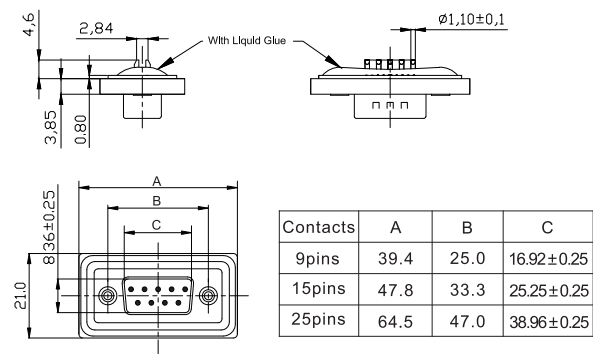
Number of contacts/芯数	9	15	25
Connector Style/连接器样式	D-Sub		
Termination/接线方式	PCB		
Protection degree/防护等级	IP67		
Operating temperature/工作温度	-25°C ~ +85°C		
Rated voltage/额定电压	300V		
Rated current (40°C)/额定电流	5A		
Contact resistance/接触阻抗	≤10mΩ		
Insulation resistance/绝缘阻抗	≥100MΩ		
Connector insert/胶芯材料	PA66+GF		
Connector contacts/端子材料	Brass with gold plated/黄铜镀金		
Shielding/是否屏蔽	Unshielded/否		

Male Panel Mount, Solder Type (DB)

Product figure

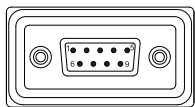


Scale diagram

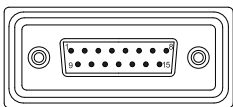


Contact layout/针孔排布 (Front view/前视图)

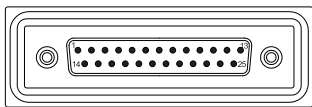
9pins



15pins



25pins



Order Data/订货信息

Contacts/芯数	Order No/订货号
9pins	910109-03-013
15pins	910115-03-013
25pins	910125-03-013

Specifications/技术参数

Number of contacts/芯数	9	15	25
Connector Style/连接器样式	D-Sub		
Termination/接线方式	solder		
Protection degree/防护等级	IP67		
Operating temperature/工作温度	-25°C ~ +85°C		
Rated voltage/额定电压	300V		
Rated current (40°C)/额定电流	5A		
Contact resistance/接触阻抗	≤10mΩ		
Insulation resistance/绝缘阻抗	≥100MΩ		
Connector insert/胶芯材料	PA66+GF		
Connector contacts/端子材料	Brass with gold plated/黄铜镀金		
Shielding/是否屏蔽	Unshielded/否		

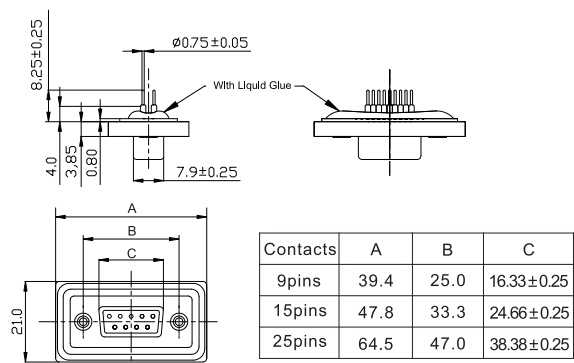
D-Sub Connectors

Female Panel Mount, Solder Type (DB)

Product figure

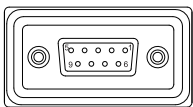


Scale diagram

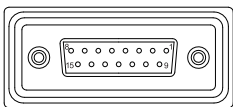


Contact layout/针孔排布 (Front view/前视图)

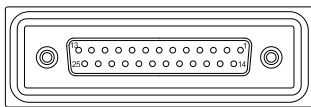
9pins



15pins



25pins



Order Data/订货信息

Contacts/芯数	Order No/订货号
9pins	910109-04-013
15pins	910115-04-013
25pins	910125-04-013

Specifications/技术参数

Number of contacts/芯数	9	15	25
Connector Style/连接器样式	D-Sub		
Termination/接线方式	solder		
Protection degree/防护等级	IP67		
Operating temperature/工作温度	-25°C ~ +85°C		
Rated voltage/额定电压	300V		
Rated current (40°C)/额定电流	5A		
Contact resistance/接触阻抗	≤10mΩ		
Insulation resistance/绝缘阻抗	≥100MΩ		
Connector insert/胶芯材料	PA66+GF		
Connector contacts/端子材料	Brass with gold plated/黄铜镀金		
Shielding/是否屏蔽	Unshielded/否		

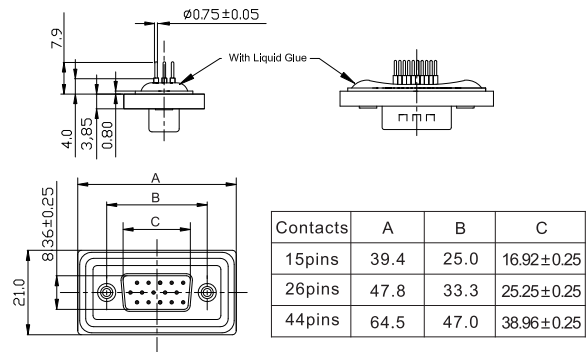
D-Sub Connectors

Male Panel Mount, PCB Type (HDB)

Product figure

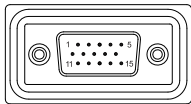


Scale diagram

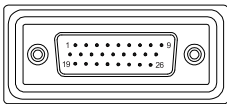


Contact layout/针孔排布 (Front view/前视图)

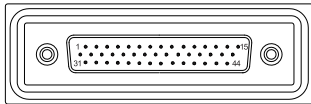
15pins



26pins



44pins



Order Data/订货信息

Contacts/芯数	Order No/订货号
15pins	910215-03-011
26pins	910226-03-011
44pins	910244-03-011

Specifications/技术参数

Number of contacts/芯数	15	26	44
Connector Style/连接器样式	D-Sub		
Termination/接线方式	PCB		
Protection degree/防护等级	IP67		
Operating temperature/工作温度	-25°C ~ +85°C		
Rated voltage/额定电压	300V		
Rated current (40°C)/额定电流	5A		
Contact resistance/接触阻抗	≤10mΩ		
Insulation resistance/绝缘阻抗	≥100MΩ		
Connector insert/胶芯材料	PA66+GF		
Connector contacts/端子材料	Brass with gold plated/黄铜镀金		
Shielding/是否屏蔽	Unshielded/否		

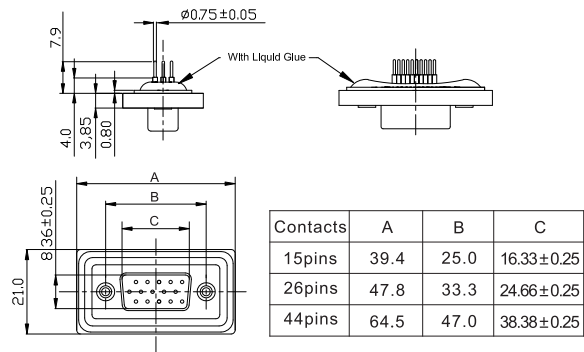
D-Sub Connectors

Female Panel Mount, PCB Type (HDB)

Product figure

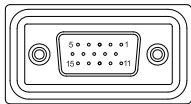


Scale diagram

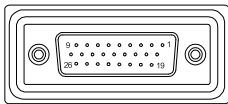


Contact layout/针孔排布 (Front view/前视图)

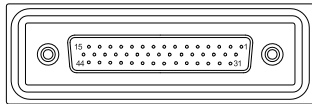
15pins



26pins



44pins



Order Data/订货信息

Contacts/芯数	Order No/订货号
15pins	910215-04-011
26pins	910226-04-011
44pins	910244-04-011

Specifications/技术参数

Number of contacts/芯数	15	26	44
Connector Style/连接器样式	D-Sub		
Termination/接线方式	PCB		
Protection degree/防护等级	IP67		
Operating temperature/工作温度	-25°C ~ +85°C		
Rated voltage/额定电压	300V		
Rated current (40°C)/额定电流	5A		
Contact resistance/接触阻抗	≤10mΩ		
Insulation resistance/绝缘阻抗	≥100MΩ		
Connector insert/胶芯材料	PA66+GF		
Connector contacts/端子材料	Brass with gold plated/黄铜镀金		
Shielding/是否屏蔽	Unshielded/否		

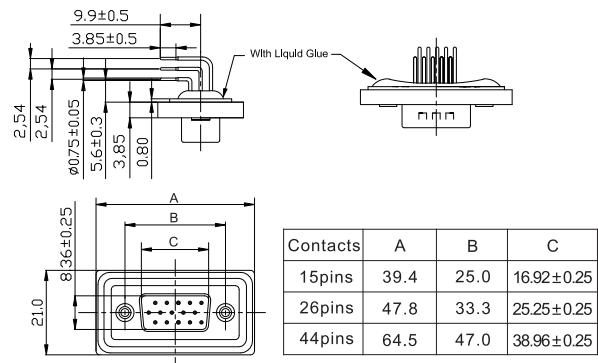
D-Sub Connectors

Male Panel Mount,
Angled Contacts PCB Type (HDB)

Product figure

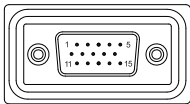


Scale diagram

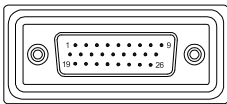


Contact layout/针孔排布 (Front view/前视图)

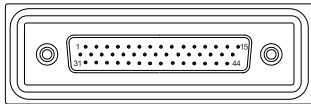
15pins



26pins



44pins



Order Data/订货信息

Contacts/芯数	Order No/订货号
15pins	910215-03-012
26pins	910226-03-012
44pins	910244-03-012

Specifications/技术参数

Number of contacts/芯数	15	26	44
Connector Style/连接器样式	D-Sub		
Termination/接线方式	PCB		
Protection degree/防护等级	IP67		
Operating temperature/工作温度	-25°C ~ +85°C		
Rated voltage/额定电压	300V		
Rated current (40°C)/额定电流	5A		
Contact resistance/接触阻抗	≤10mΩ		
Insulation resistance/绝缘阻抗	≥100MΩ		
Connector insert/胶芯材料	PA66+GF		
Connector contacts/端子材料	Brass with gold plated/黄铜镀金		
Shielding/是否屏蔽	Unshielded/否		

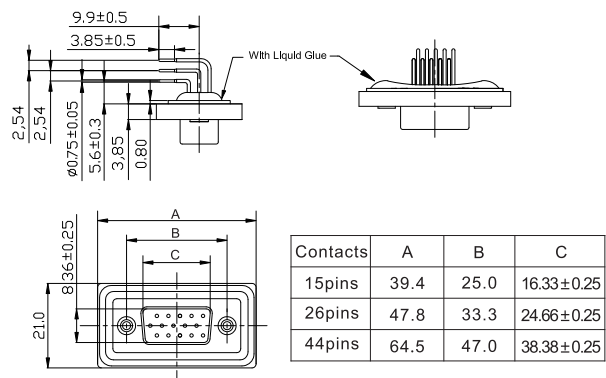
D-Sub Connectors

Female Panel Mount,
Angled Contacts PCB Type (HDB)

Product figure

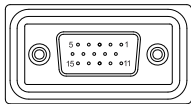


Scale diagram

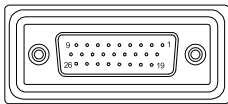


Contact layout/针孔排布 (Front view/前视图)

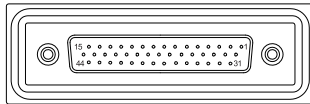
15pins



26pins



44pins



Order Data/订货信息

Contacts/芯数	Order No/订货号
15pins	910215-04-012
26pins	910226-04-012
44pins	910244-04-012

Specifications/技术参数

Number of contacts/芯数	15	26	44
Connector Style/连接器样式	D-Sub		
Termination/接线方式	PCB		
Protection degree/防护等级	IP67		
Operating temperature/工作温度	-25°C ~ +85°C		
Rated voltage/额定电压	300V		
Rated current (40°C)/额定电流	5A		
Contact resistance/接触阻抗	≤10mΩ		
Insulation resistance/绝缘阻抗	≥100MΩ		
Connector insert/胶芯材料	PA66+GF		
Connector contacts/端子材料	Brass with gold plated/黄铜镀金		
Shielding/是否屏蔽	Unshielded/否		

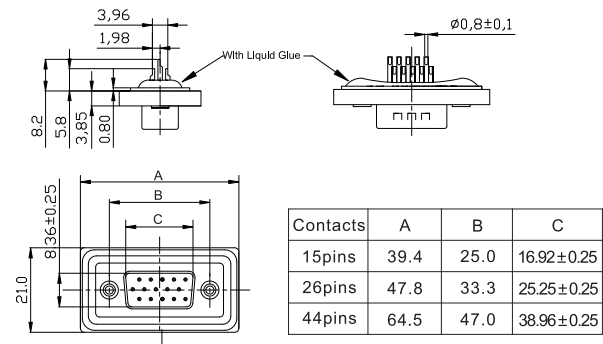
D-Sub Connectors

Male Panel Mount, Solder Type (HDB)

Product figure

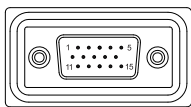


Scale diagram

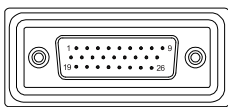


Contact layout/针孔排布 (Front view/前视图)

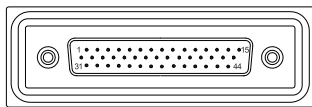
15pins



26pins



44pins



Order Data/订货信息

Contacts/芯数	Order No/订货号
15pins	910215-03-013
26pins	910226-03-013
44pins	910244-03-013

Specifications/技术参数

Number of contacts/芯数	15	26	44
Connector Style/连接器样式	D-Sub		
Termination/接线方式	Solder		
Protection degree/防护等级	IP67		
Operating temperature/工作温度	-25°C ~ +85°C		
Rated voltage/额定电压	300V		
Rated current (40°C)/额定电流	5A		
Contact resistance/接触阻抗	≤10mΩ		
Insulation resistance/绝缘阻抗	≥100MΩ		
Connector insert/胶芯材料	PA66+GF		
Connector contacts/端子材料	Brass with gold plated/黄铜镀金		
Shielding/是否屏蔽	Unshielded/否		

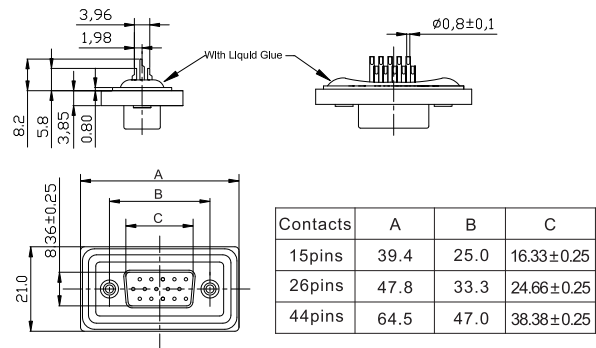
D-Sub Connectors

Female Panel Mount, Solder Type (HDB)

Product figure

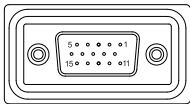


Scale diagram

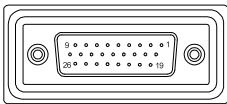


Contact layout/针孔排布 (Front view/前视图)

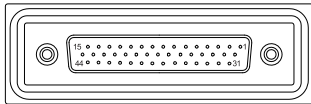
15pins



26pins



44pins



Order Data/订货信息

Contacts/芯数	Order No/订货号
15pins	910215-04-013
26pins	910226-04-013
44pins	910244-04-013

Specifications/技术参数

Number of contacts/芯数	15	26	44
Connector Style/连接器样式	D-Sub		
Termination/接线方式	Solder		
Protection degree/防护等级	IP67		
Operating temperature/工作温度	-25°C ~ +85°C		
Rated voltage/额定电压	300V		
Rated current (40°C)/额定电流	5A		
Contact resistance/接触阻抗	≤10mΩ		
Insulation resistance/绝缘阻抗	≥100MΩ		
Connector insert/胶芯材料	PA66+GF		
Connector contacts/端子材料	Brass with gold plated/黄铜镀金		
Shielding/是否屏蔽	Unshielded/否		

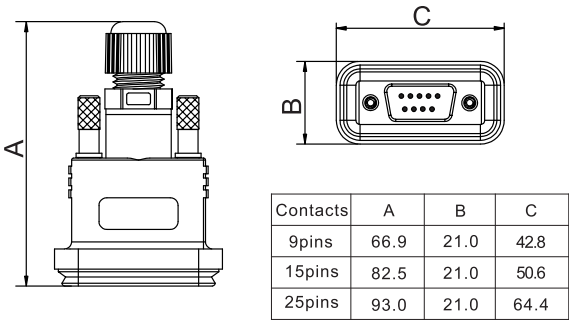
D-Sub Connectors

Male Field Wirable Assembly,
Solder Type (DB)

Product figure

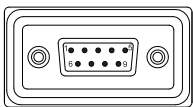


Scale diagram

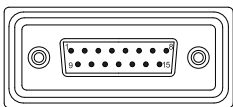


Contact layout/针孔排布 (Front view/前视图)

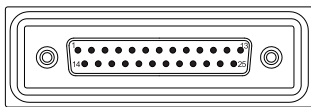
9pins



15pins



25pins



Order Data/订货信息

Contacts/芯数	Order No/订货号
9pins	910109-01-011
15pins	910115-01-011
25pins	910125-01-011

Specifications/技术参数

Number of contacts/芯数	9	15	25
Connector Style/连接器样式	D-Sub		
Termination/接线方式	Solder		
Cable OD/线材直径	3.5-7.0mm	6.0-10.0mm	
Protection degree/防护等级	IP67		
Operating temperature/工作温度	-25°C~+85°C		
Rated voltage/额定电压	300V		
Rated current (40°C)/额定电流	5A		
Contact resistance/接触阻抗	≤10mΩ		
Insulation resistance/绝缘阻抗	≥100MΩ		
Connector insert/胶芯材料	PA66+GF		
Connector contacts/端子材料	Brass with gold plated/黄铜镀金		
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍		
Shielding/是否屏蔽	Unshielded/否		

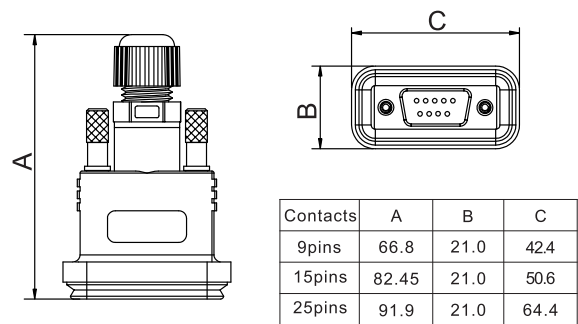
D-Sub Connectors

Female Field Wirable Assembly,
Solder Type (DB)

Product figure

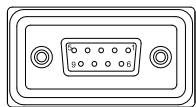


Scale diagram

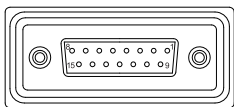


Contact layout/针孔排布 (Front view/前视图)

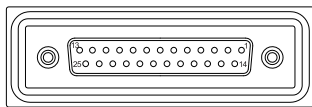
9pins



15pins



25pins



Order Data/订货信息

Contacts/芯数	Order No/订货号
9pins	910109-02-011
15pins	910115-02-011
25pins	910125-02-011

Specifications/技术参数

Number of contacts/芯数	9	15	25
Connector Style/连接器样式	D-Sub		
Termination/接线方式	Solder		
Cable OD/线材直径	3.5-7.0mm	6.0-10.0mm	
Protection degree/防护等级	IP67		
Operating temperature/工作温度	-25°C~+85°C		
Rated voltage/额定电压	300V		
Rated current (40°C)/额定电流	5A		
Contact resistance/接触阻抗	≤10mΩ		
Insulation resistance/绝缘阻抗	≥100MΩ		
Connector insert/胶芯材料	PA66+GF		
Connector contacts/端子材料	Brass with gold plated/黄铜镀金		
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍		
Shielding/是否屏蔽	Unshielded/否		

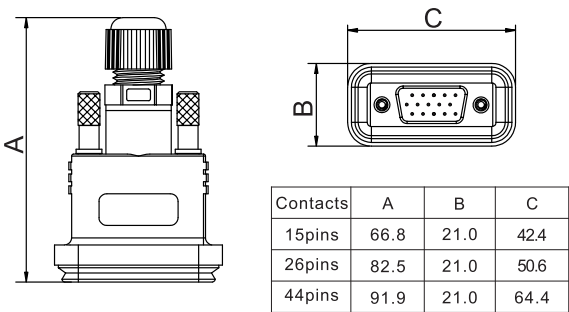
D-Sub Connectors

Male Field Wirable Assembly (HDB)

Product figure

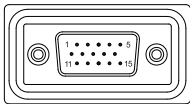


Scale diagram

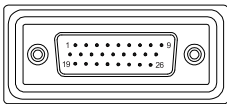


Contact layout/针孔排布 (Front view/前视图)

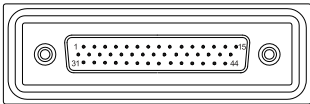
15pins



26pins



44pins



Order Data/订货信息

Contacts/芯数	Order No/订货号
15pins	910215-01-011
26pins	910226-01-011
44pins	910244-01-011

Specifications/技术参数

Number of contacts/芯数	15	26	44
Connector Style/连接器样式	D-Sub		
Termination/接线方式	Solder		
Cable OD/线材直径	3.5-7.0mm	6.0-10.0mm	
Protection degree/防护等级	IP67		
Operating temperature/工作温度	-25°C~+85°C		
Rated voltage/额定电压	300V		
Rated current (40°C)/额定电流	5A		
Contact resistance/接触阻抗	≤10mΩ		
Insulation resistance/绝缘阻抗	≥100MΩ		
Connector insert/胶芯材料	PA66+GF		
Connector contacts/端子材料	Brass with gold plated/黄铜镀金		
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍		
Shielding/是否屏蔽	Unshielded/否		

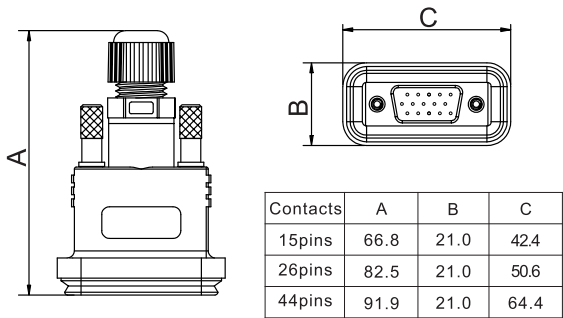
D-Sub Connectors

Female Field Wirable Assembly (HDB)

Product figure

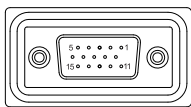


Scale diagram

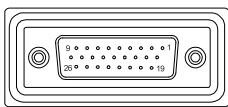


Contact layout/针孔排布 (Front view/前视图)

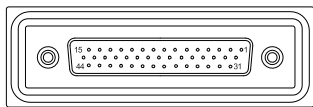
15pins



26pins



44pins



Order Data/订货信息

Contacts/芯数	Order No/订货号
15pins	910215-02-011
26pins	910226-02-011
44pins	910244-02-011

Specifications/技术参数

Number of contacts/芯数	15		26	44
Connector Style/连接器样式	D-Sub			
Termination/接线方式	Solder			
Cable OD/线材直径	3.5-7.0mm		6.0-10.0mm	
Protection degree/防护等级	IP67			
Operating temperature/工作温度	-25°C~+85°C			
Rated voltage/额定电压	300V			
Rated current (40°C)/额定电流	5A			
Contact resistance/接触阻抗	≤10mΩ			
Insulation resistance/绝缘阻抗	≥100MΩ			
Connector insert/胶芯材料	PA66+GF			
Connector contacts/端子材料	Brass with gold plated/黄铜镀金			
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍			
Shielding/是否屏蔽	Unshielded/否			

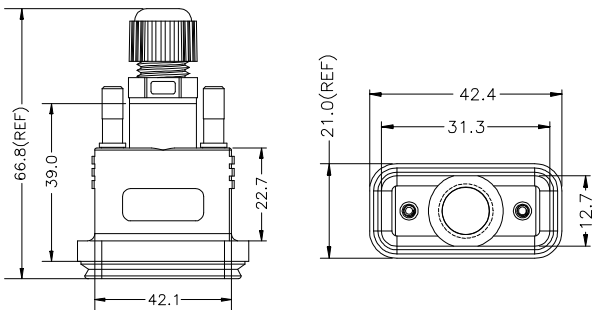
D-Sub Connectors

Male/Female Field Wirable Assembly
Shell (DB9/HDB15)

Product figure

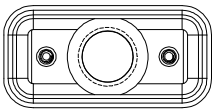


Scale diagram



Contact layout/针孔排布 (Front view/前视图)

DB9/HDB15

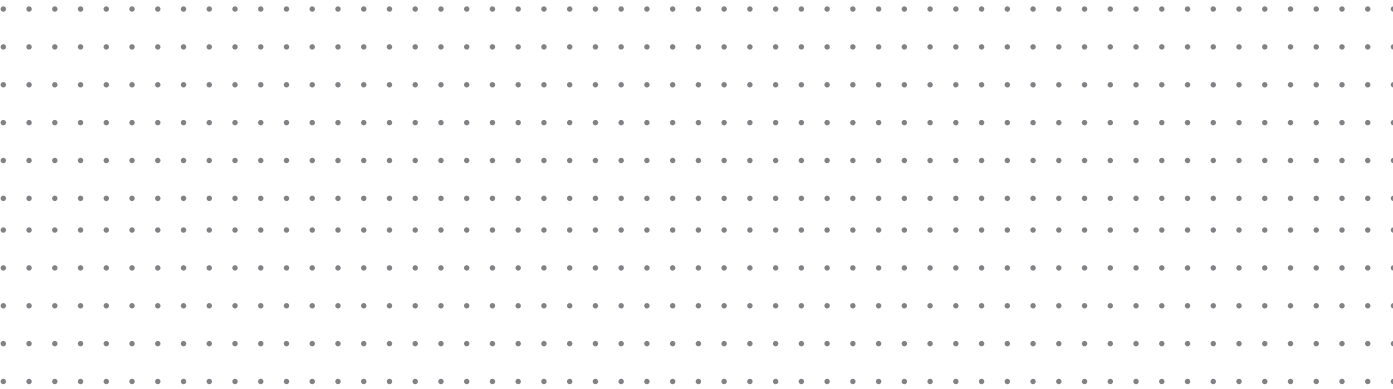


Order Data/订货信息

Contacts/芯数	Order No/订货号
DB9/HDB15	910000-00-001

Specifications/技术参数

Number of contacts/芯数	DB9/HDB15
Connector Style/连接器样式	D-Sub
Cable OD/线材直径	3.5-7.0mm
Protection degree/防护等级	IP67
Operating temperature/工作温度	-25°C~+85°C
Connector shell/胶壳材料	PA66+GF
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
Shielding/是否屏蔽	Unshielded/否



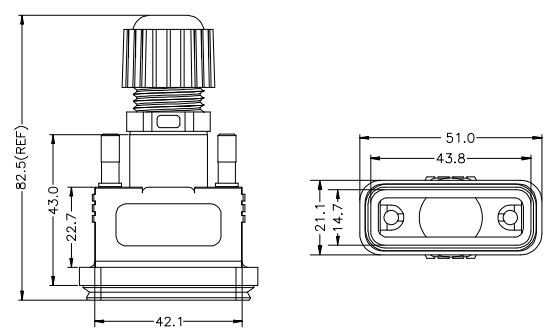
D-Sub Connectors

Male/Female Field Wirable Assembly
Shell (DB15/HDB26)

Product figure

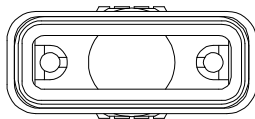


Scale diagram



Contact layout/针孔排布 (Front view/前视图)

DB15/HDB26

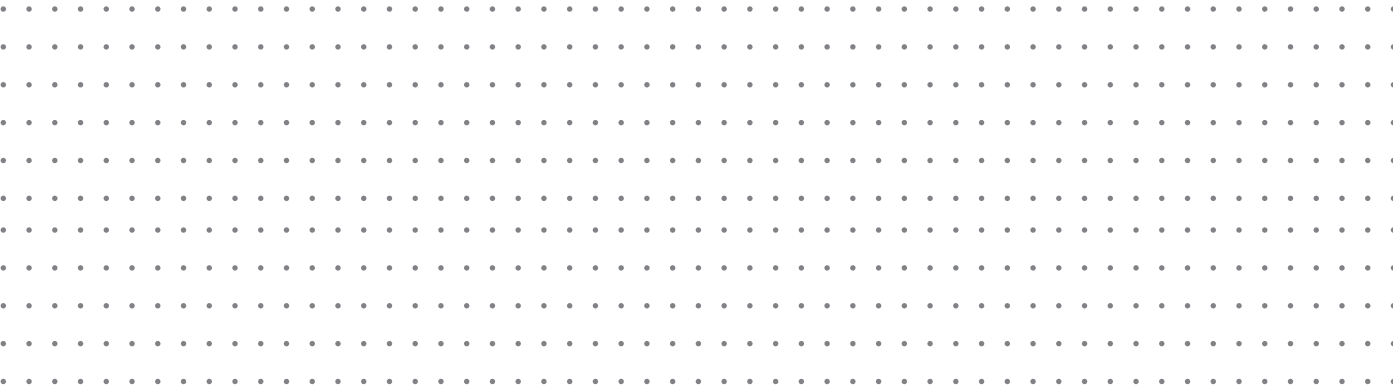


Order Data/订货信息

Contacts/芯数	Order No/订货号
DB15/HDB26	910000-00-002

Specifications/技术参数

Number of contacts/芯数	DB15/HDB26
Connector Style/连接器样式	D-Sub
Cable OD/线材直径	6.0-10.0mm
Protection degree/防护等级	IP67
Operating temperature/工作温度	-25°C~+85°C
Connector shell/胶壳材料	PA66+GF
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
Shielding/是否屏蔽	Unshielded/否



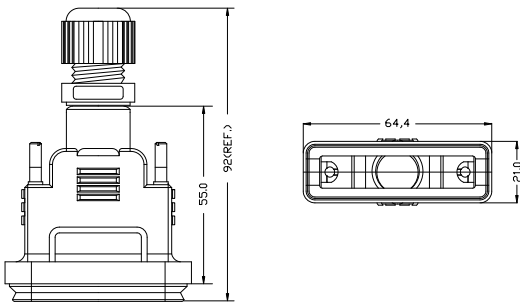
D-Sub Connectors

Male/Female Field Wirable Assembly
Shell (DB25/HDB44)

Product figure

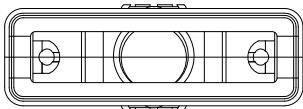


Scale diagram



Contact layout/针孔排布 (Front view/前视图)

DB25/HDB44



Order Data/订货信息

Contacts/芯数	Order No/订货号
DB25/HDB44	910000-00-003

Specifications/技术参数

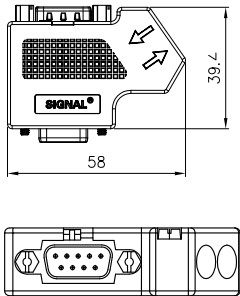
Number of contacts/芯数	DB25/HDB44
Connector Style/连接器样式	D-Sub
Cable OD/线材直径	6.0-10.0mm
Protection degree/防护等级	IP67
Operating temperature/工作温度	-25°C~+85°C
Connector shell/胶壳材料	PA66+GF
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
Shielding/是否屏蔽	Unshielded/否

Male to Female Adapter Connectors

Product figure

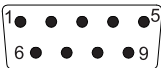


Scale diagram

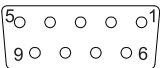


Contact layout/针孔排布 (Front view/前视图)

9pins



9pins



Order Data/订货信息

Contacts/芯数	Order No/订货号
DB9	940000-00-695

Specifications/技术参数

Number of contacts/芯数	9
Connector Style/连接器样式	D-Sub
Termination/接线方式	Screw clamp/锁螺丝
Cable OD/线材直径	7.6-8.4mm
Protection degree/防护等级	IP40
Operating temperature/工作温度	-25°C~+85°C
Rated voltage/额定电压	5V
Rated current (40°C)/额定电流	100mA
Contact resistance/接触阻抗	≤10mΩ
Insulation resistance/绝缘阻抗	≥100MΩ
Connector insert/胶芯材料	PA66+GF
Connector contacts/端子材料	Brass with gold plated/黄铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍

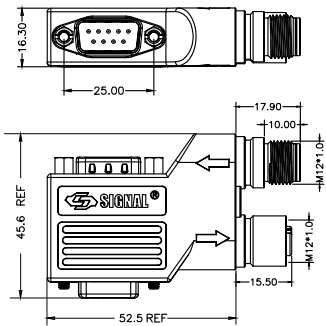
D-Sub Connectors

D-sub to M12 Adapter Connectors

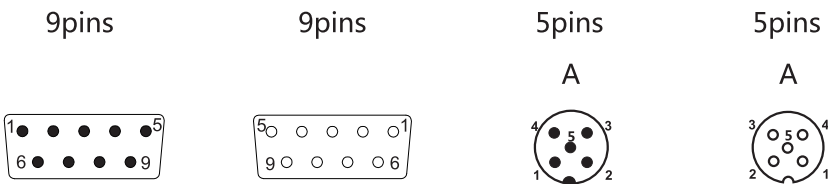
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Order No/订货号
DB9-M12 5P	120105-10-080

Specifications/技术参数

Number of contacts/芯数	DB9-M12 5P
Connector Style/连接器样式	D-Sub
Termination/接线方式	Solder/焊接
Protection degree/防护等级	IP40
Operating temperature/工作温度	-25°C ~ +85°C
Rated voltage/额定电压	5V
Rated current (40°C)/额定电流	100mA
Contact resistance/接触阻抗	≤10mΩ
Insulation resistance/绝缘阻抗	≥100MΩ
Connector insert/胶芯材料	PA66+GF
Connector contacts/端子材料	Brass with gold plated/黄铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍

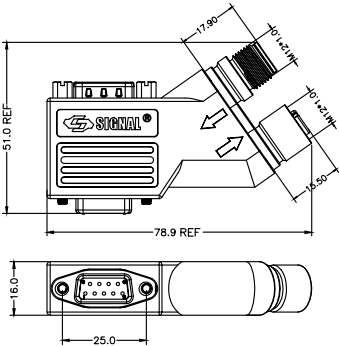
D-Sub Connectors

D-sub to M12 Adapter Connectors

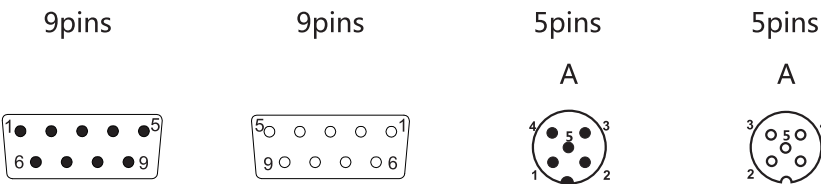
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Order No/订货号
DB9-M12 5P	120105-10-081

Specifications/技术参数

Number of contacts/芯数	DB9-M12 5P
Connector Style/连接器样式	D-Sub to M12
Protection degree/防护等级	IP40
Operating temperature/工作温度	-25°C~+85°C
Rated voltage/额定电压	5V
Rated current (40°C)/额定电流	100mA
Contact resistance/接触阻抗	≤5mΩ
Insulation resistance/绝缘阻抗	≥100MΩ
Connector insert/胶芯材料	PA66+GF
Connector contacts/端子材料	Brass with gold plated/黄铜镀金



USB Connectors



USB Connectors

1.USB Panel Mount

U001-U005

2.USB Molded Cable

U006-U012

3.USB Protection Cap

U013-U013

3.USB Nut and Oring

U013-U013

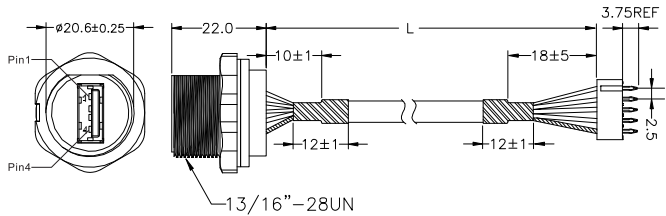
USB Connectors

USB 2.0 A Type Female Panel Mount, Solder

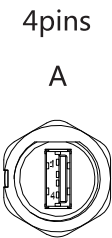
Product figure (front fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Cable length/线材长度	Order No/订货号
4pins	50MM	940104-04-001
	150MM	940104-04-005
	200MM	940104-04-006

Specifications/技术参数

Number of contacts/芯数	4
Connector Style/连接器样式	USB 2.0 A/F
Termination/接线方式	Solder
Protection degree/防护等级	IP67
Operating temperature/工作温度	-25°C ~ +80°C
Rated voltage/额定电压	30V
Rated current (40°C)/额定电流	1.5A
Contact resistance/接触阻抗	≤30mΩ
Insulation resistance/绝缘阻抗	≥100MΩ
Connector insert/胶芯材料	PBT + GF
Connector contacts/端子材料	Brass with gold plated/黄铜镀金
Cable jacket/线材外被	PUR/PVC
Wire insulation/芯线绝缘	PVC
Shielding/是否屏蔽	Shielded/是
Cable end/线材尾部	PH2.5MM 5PIN

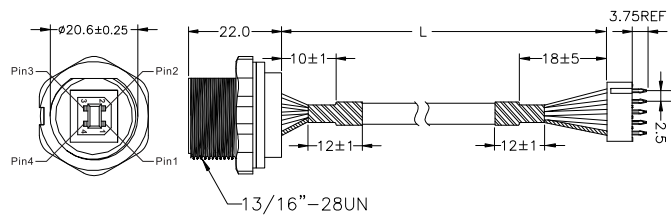
USB Connectors

USB 2.0 B Type, Female Panel Mount, Solder

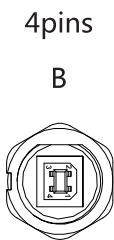
Product figure (front fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Cable length/线材长度	Order No/订货号
4pins	50MM	940204-04-001
	150MM	940204-04-005
	200MM	940204-04-006

Specifications/技术参数

Number of contacts/芯数	4
Connector Style/连接器样式	USB 2.0 B/F
Termination/接线方式	Solder
Protection degree/防护等级	IP67
Operating temperature/工作温度	-25°C~+80°C
Rated voltage/额定电压	30V
Rated current (40°C)/额定电流	1.5A
Contact resistance/接触阻抗	≤30mΩ
Insulation resistance/绝缘阻抗	≥100MΩ
Connector insert/胶芯材料	PBT+GF
Connector contacts/端子材料	Brass with gold plated/黄铜镀金
Cable jacket/线材外被	PUR/PVC
Wire insulation/芯线绝缘	PVC
Shielding/是否屏蔽	Shielded/是
Cable end/线材尾部	PH2.5MM 5PIN

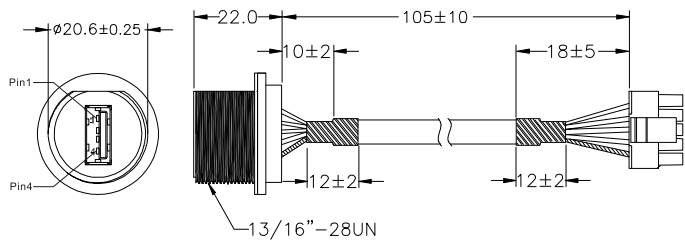
USB Connectors

USB 2.0 A Type Female Panel Mount, Solder

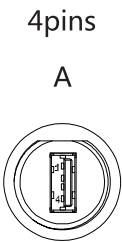
Product figure (front fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Order No/订货号
4pins	940104-04-002

Specifications/技术参数

Number of contacts/芯数	4
Connector Style/连接器样式	USB 2.0 A/F
Termination/接线方式	Solder
Protection degree/防护等级	IP67
Operating temperature/工作温度	-25°C ~ +80°C
Rated voltage/额定电压	30V
Rated current (40°C)/额定电流	1.5A
Contact resistance/接触阻抗	≤30mΩ
Insulation resistance/绝缘阻抗	≥100MΩ
Connector insert/胶芯材料	PBT+GF
Connector contacts/端子材料	Brass with gold plated/黄铜镀金
Cable jacket/线材外被	PUR/PVC
Wire insulation/芯线绝缘	PVC
Shielding/是否屏蔽	Shielded/是
Cable end/线材尾部	Molex 43645-0500

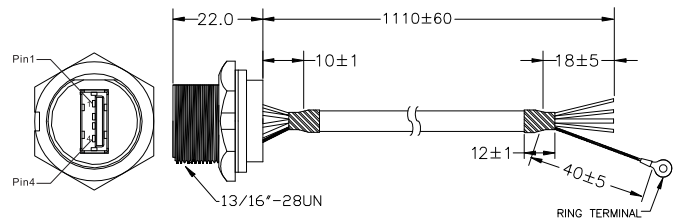
USB Connectors

USB 2.0 A Type Female Panel Mount,
Solder

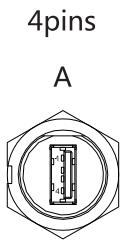
Product figure (front fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Order No/订货号
4pins	940104-04-003

Specifications/技术参数

Number of contacts/芯数	4
Connector Style/连接器样式	USB 2.0 A/F
Termination/接线方式	Solder
Protection degree/防护等级	IP67
Operating temperature/工作温度	-25°C ~ +80°C
Rated voltage/额定电压	30V
Rated current (40°C)/额定电流	1.5A
Contact resistance/接触阻抗	≤30mΩ
Insulation resistance/绝缘阻抗	≥100MΩ
Connector insert/胶芯材料	PBT+GF
Connector contacts/端子材料	Brass with gold plated/黄铜镀金
Cable jacket/线材外被	PUR/PVC
Wire insulation/芯线绝缘	PVC
Shielding/是否屏蔽	Shielded/是
Cable end/线材尾部	ø3.5 Ring Terminal

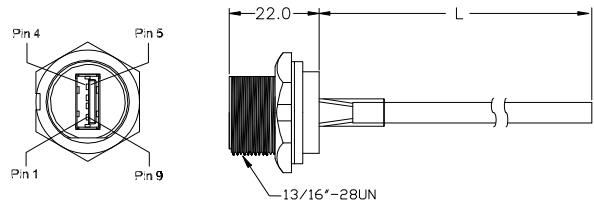
USB Connectors

USB 3.0 A Type Female Panel Mount,
Solder

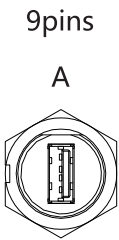
Product figure (front fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Cable length/线材长度	Order No/订货号
9pins	100MM	940104-04-007
	150MM	940104-04-008
	250MM	940104-04-004

Specifications/技术参数

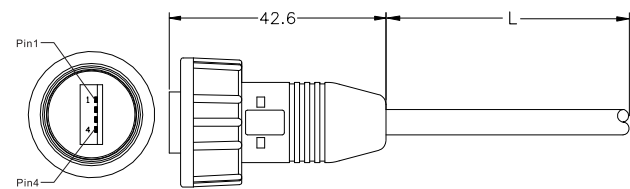
Number of contacts/芯数	9
Connector Style/连接器样式	USB 3.0 A/F
Termination/接线方式	Solder
Protection degree/防护等级	IP67
Operating temperature/工作温度	-25℃~+80℃
Rated voltage/额定电压	30V
Rated current (40℃)/额定电流	1.5A
Contact resistance/接触阻抗	≤30mΩ
Insulation resistance/绝缘阻抗	≥100MΩ
Connector insert/胶芯材料	PBT+GF
Connector contacts/端子材料	Brass with gold plated/黄铜镀金
Cable jacket/线材外被	PUR/PVC
Wire insulation/芯线绝缘	PVC
Shielding/是否屏蔽	Shielded/是

USB 2.0 A Type Male Molded Cable

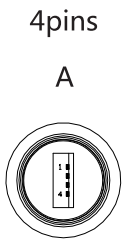
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Cable length/线材长度	Order No/订货号
4pins	1.0M	940104-05-002
	3.0M	940104-05-003

Specifications/技术参数

Number of contacts/芯数	4
Connector Style/连接器样式	USB 2.0 A/M
Termination/接线方式	Solder
Protection degree/防护等级	IP67
Operating temperature/工作温度	-25°C ~ +80°C
Rated voltage/额定电压	30V
Rated current (40°C)/额定电流	1.5A
Contact resistance/接触阻抗	≤30mΩ
Insulation resistance/绝缘阻抗	≥100MΩ
Connector insert/胶芯材料	PBT + GF
Connector contacts/端子材料	Brass with gold plated/黄铜镀金
Cable jacket/线材外被	PUR/PVC
Wire insulation/芯线绝缘	PVC
Shielding/是否屏蔽	Shielded/是

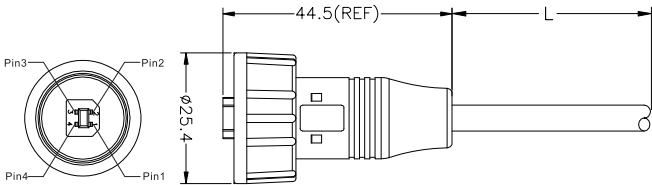
USB Connectors

USB 2.0 B Type Male Molded Cable

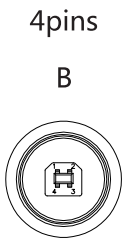
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Cable length/线材长度	Order No/订货号
4pins	1.0M	940204-05-001
	3.0M	940204-05-002

Specifications/技术参数

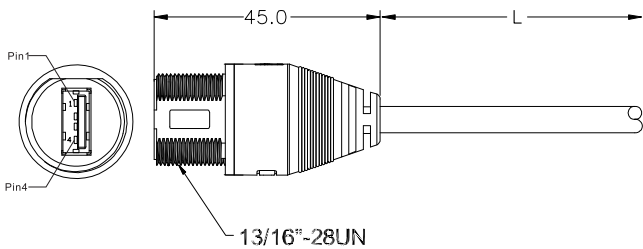
Number of contacts/芯数	4
Connector Style/连接器样式	USB 2.0 B/M
Termination/接线方式	Solder
Protection degree/防护等级	IP67
Operating temperature/工作温度	-25°C ~ +80°C
Rated voltage/额定电压	30V
Rated current (40°C)/额定电流	1.5A
Contact resistance/接触阻抗	≤30mΩ
Insulation resistance/绝缘阻抗	≥100MΩ
Connector insert/胶芯材料	PBT+GF
Connector contacts/端子材料	Brass with gold plated/黄铜镀金
Cable jacket/线材外被	PUR/PVC
Wire insulation/芯线绝缘	PVC
Shielding/是否屏蔽	Shielded/是

USB 2.0 A Type Female Molded Cable

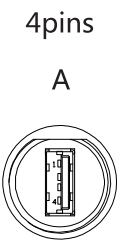
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Cable length/线材长度	Order No/订货号
4pins	1.0M	940104-06-001
	3.0M	940104-06-003

Specifications/技术参数

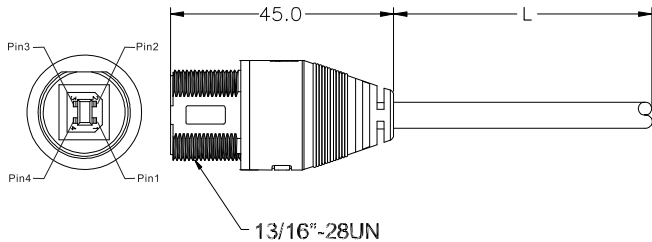
Number of contacts/芯数	4
Connector Style/连接器样式	USB 2.0 A/F
Termination/接线方式	Solder
Protection degree/防护等级	IP67
Operating temperature/工作温度	-25°C ~ +80°C
Rated voltage/额定电压	30V
Rated current (40°C)/额定电流	1.5A
Contact resistance/接触阻抗	≤30mΩ
Insulation resistance/绝缘阻抗	≥100MΩ
Connector insert/胶芯材料	PBT + GF
Connector contacts/端子材料	Brass with gold plated/黄铜镀金
Cable jacket/线材外被	PUR/PVC
Wire insulation/芯线绝缘	PVC
Shielding/是否屏蔽	Shielded/是

USB 2.0 B Type Female Molded Cable

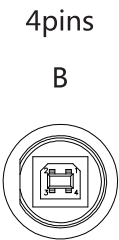
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Cable length/线材长度	Order No/订货号
4pins	1.0M	940204-06-001
	3.0M	940204-06-003

Specifications/技术参数

Number of contacts/芯数	4
Connector Style/连接器样式	USB 2.0 B/F
Termination/接线方式	Solder
Protection degree/防护等级	IP67
Operating temperature/工作温度	-25°C ~ +80°C
Rated voltage/额定电压	30V
Rated current (40°C)/额定电流	1.5A
Contact resistance/接触阻抗	≤30mΩ
Insulation resistance/绝缘阻抗	≥100MΩ
Connector insert/胶芯材料	PBT + GF
Connector contacts/端子材料	Brass with gold plated/黄铜镀金
Cable jacket/线材外被	PUR/PVC
Wire insulation/芯线绝缘	PVC
Shielding/是否屏蔽	Shielded/是

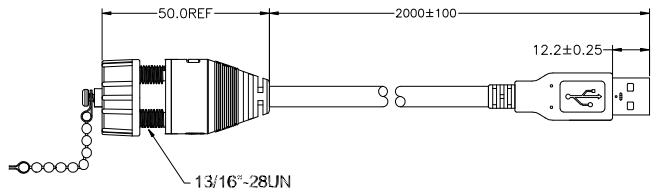
USB Connectors

USB 2.0 A Type Female to Male
Molded Cable

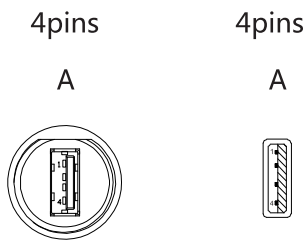
Product figure (with cap)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Cable length/线材长度	Order No/订货号
4pins	2.0M	940104-66-001

Specifications/技术参数

Number of contacts/芯数	4
Connector Style/连接器样式	USB 2.0 A/F-M
Termination/接线方式	Solder
Protection degree/防护等级	IP67
Operating temperature/工作温度	-25°C ~ +80°C
Rated voltage/额定电压	30V
Rated current (40°C)/额定电流	1.5A
Contact resistance/接触阻抗	≤30mΩ
Insulation resistance/绝缘阻抗	≥100MΩ
Connector insert/胶芯材料	PBT+GF
Connector contacts/端子材料	Brass with gold plated/黄铜镀金
Cable jacket/线材外被	PUR/PVC
Wire insulation/芯线绝缘	PVC
Shielding/是否屏蔽	Shielded/是

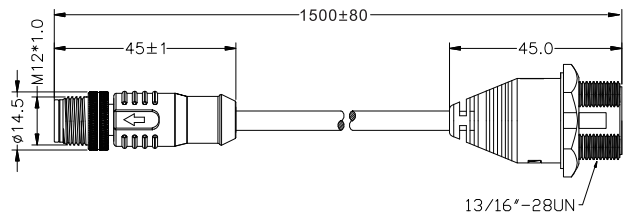
USB Connectors

USB 2.0 A Type Female to M12 B-coded Male Molded Cable

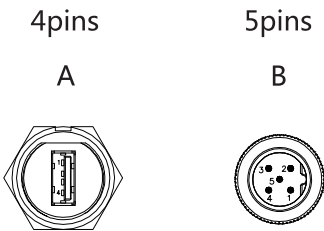
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Cable length/线材长度	Order No/订货号
4-5pins	1.5M	120205-05-007

Specifications/技术参数

Number of contacts/芯数	4-5
Connector Style/连接器样式	USB 2.0 A/F to M12 B/M
Termination/接线方式	Solder
Protection degree/防护等级	IP67
Operating temperature/工作温度	-25°C ~ +80°C
Rated voltage/额定电压	30V
Rated current (40°C)/额定电流	1.5A
Contact resistance/接触阻抗	≤30mΩ
Insulation resistance/绝缘阻抗	≥100MΩ
Connector insert/胶芯材料	PBT+GF
Connector contacts/端子材料	Brass with gold plated/黄铜镀金
Cable jacket/线材外被	PUR/PVC
Wire insulation/芯线绝缘	PVC
Shielding/是否屏蔽	Unshielded/否

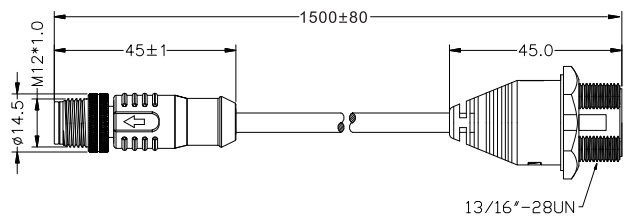
USB Connectors

USB 2.0 A Type Female to M12 B-coded Male Molded Cable (with shield)

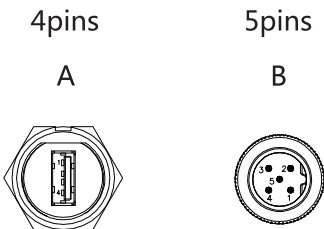
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order Data/订货信息

Contacts/芯数	Cable length/线材长度	Order No/订货号
4-5pins	1.5M	120205-05-008

Specifications/技术参数

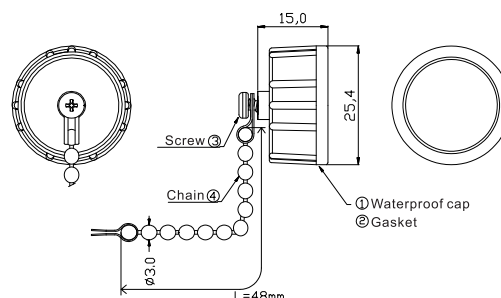
Number of contacts/芯数	4-5
Connector Style/连接器样式	USB 2.0 A/F to M12 B/M
Termination/接线方式	Solder
Protection degree/防护等级	IP67
Operating temperature/工作温度	-25°C ~ +80°C
Rated voltage/额定电压	30V
Rated current (40°C)/额定电流	1.5A
Contact resistance/接触阻抗	≤30mΩ
Insulation resistance/绝缘阻抗	≥100MΩ
Connector insert/胶芯材料	PBT+GF
Connector contacts/端子材料	Brass with gold plated/黄铜镀金
Cable jacket/线材外被	PUR/PVC
Wire insulation/芯线绝缘	PVC
Shielding/是否屏蔽	Shielded/是

USB Protection Cap for Female Connector

Product figure



Scale diagram



Order Data/订货信息

Order No/订货号
940000-00-056

Specifications/技术参数

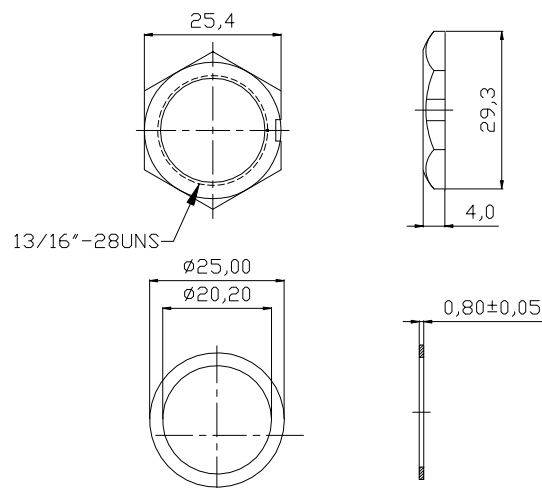
Materials/材料	PBT + GF
Protection degree/防护等级	IP67

USB Nut and Oring

Product figure



Scale diagram



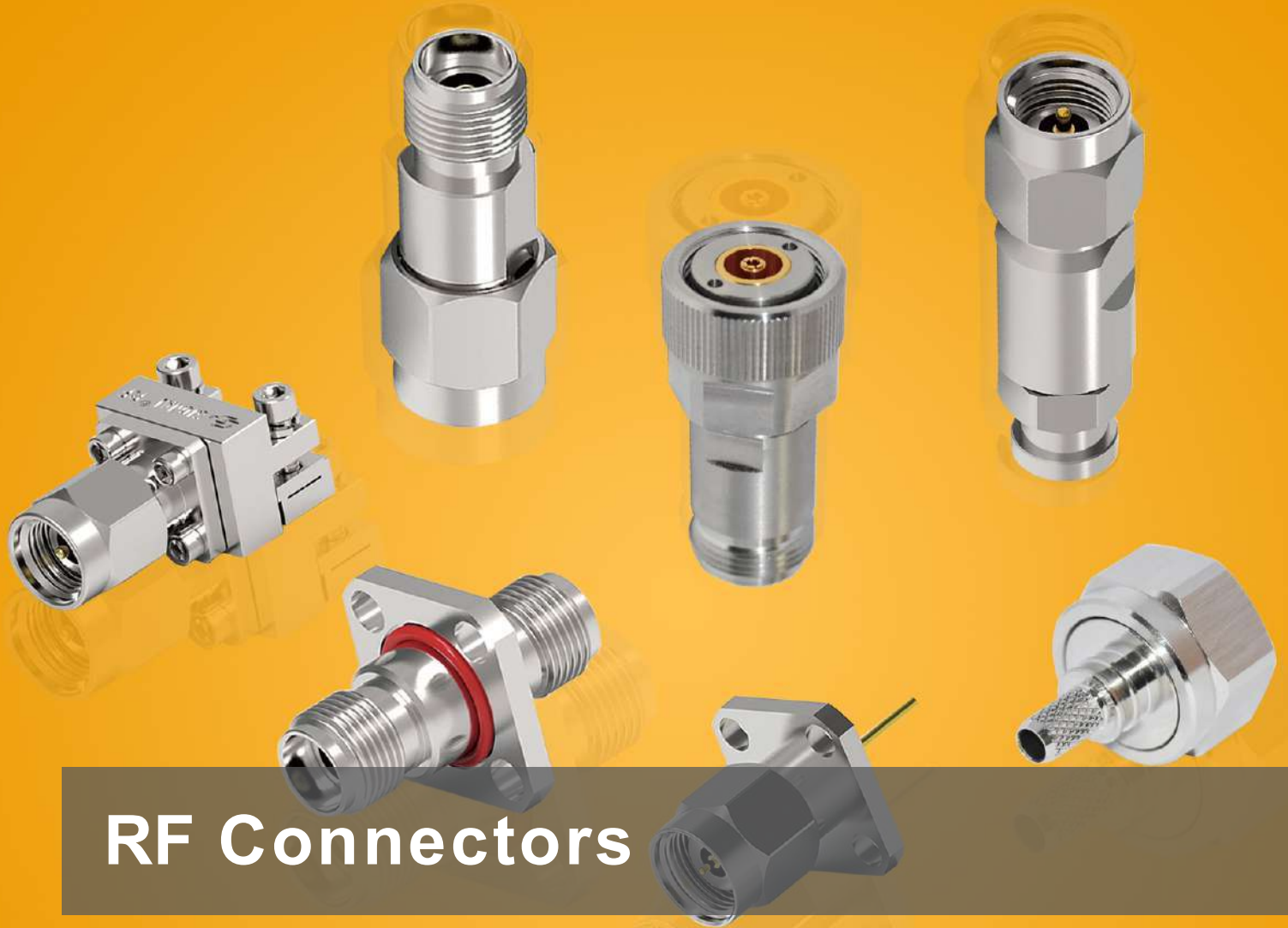
Order Data/订货信息

Order No/订货号
940000-00-057

Specifications/技术参数

Materials/材料	PBT + GF
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RF Connectors



RF Connectors

1. 1.85mm Series

RF001-RF004

2. 2.4mm Series

RF005-RF013

3. 2.92mm Series

RF014-RF034

4. SMA Series

RF035-RF053

5. End Launch Connectors

RF054-RF060

6. RF Adapters

RF061-RF111

7. RF Termination

RF112-RF120

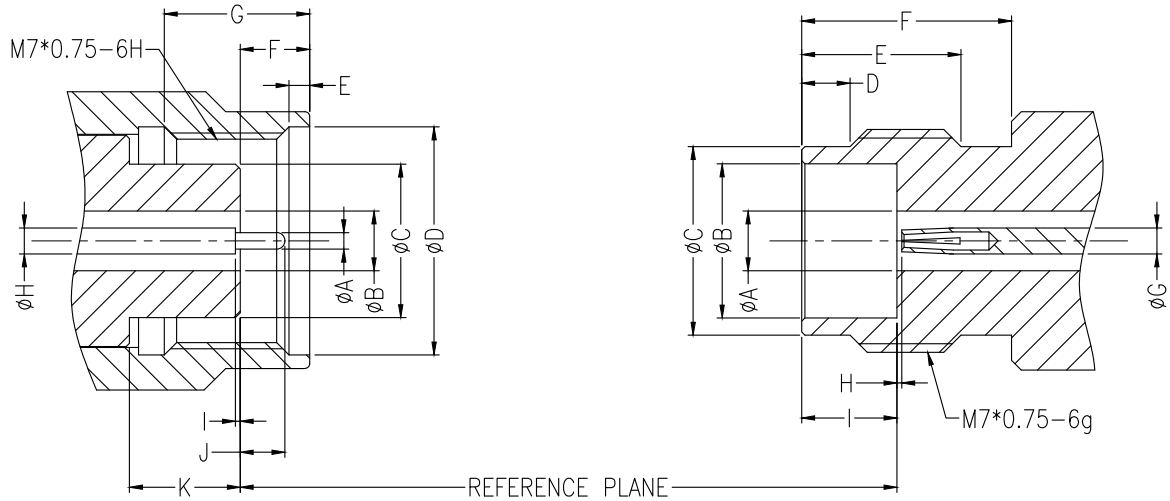
8. Cable Assembly

RF121-RF129

1.85mm Connector Series

1.85 mm 系列射频同轴连接器适用于高达 65 GHz 的微波应用领域。该连接器具有最佳的电气性能，良好的机械稳定性和极高的可靠性。其特别适合于半刚性、半柔性和柔性的微波电缆。1.85mm 系列可以与 2.4 mm 系列互配。

The 1.85mm series rf coaxial connector is suitable for microwave applications up to 65 GHz. The connector has the best electrical properties, good machinery. Stability and high reliability. It is especially suitable for semi-rigid, semi-flexible and flexible microwave cables. 1.85mm series can be compatible with 2.4 mm series.



界面尺寸 interface size	Male/插头		Female/插座	
Letter/代号	Minimum/最小	Maximum/最大	Minimum/最小	Maximum/最大
A	0.50(.0196)	0.52(.0205)	1.84(.0724)	1.86(.0732)
B	1.84(.0724)	1.86(.0732)	4.77(.1878)	4.795(.1887)
C	4.725(.1860)	4.75(.1870)	5.79(.2279)	5.89(.2319)
D	7.01(.2759)	7.11(.2799)	1.37(.0539)	1.63(.0641)
E	0.51(.0201)	0.77(.0303)	4.80(.1889)	5.06(.1992)
F	1.849(.0728)	2.449(.0964)	6.00(.2362)	—
G	4.37(.1720)	4.63(.1823)	0.80(.0315)	0.81(.0319)
H	0.80(.0315)	0.81(.0319)	0	0.076(.003)
I	0	0.076(.003)	3.00(.1181)	3.10(.1220)
J	1.335(.0525)	1.445(.0569)		
K	3.38(.1331)	3.48(.1370)		

Specification/技术参数	
Impedance/特性阻抗	50 ohm
Frequency range/频率范围	DC to 67 GHz
Dielectric withstanding voltage/介质耐压	> 500 V
Center contact resistance/中心接触电阻	< 4.0mΩ
Outer contact resistance/外接触电阻	< 2.5mΩ
Insulation resistance/绝缘电阻	> 5000MΩ
VSWR/电压驻波比	< 1.30
Durability/耐久性	> 500 cycles
Temperature range/温度范围	-40°C to +85°C
Interface standard/界面符合标准	IEC 61169-32

1.85mm Connector Series

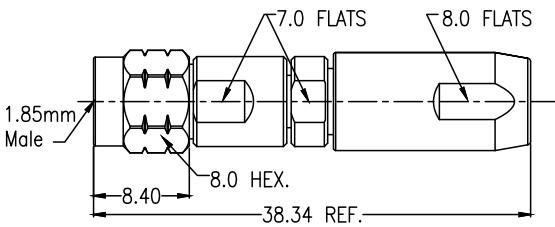


Male connector

Product figure



Scale diagram



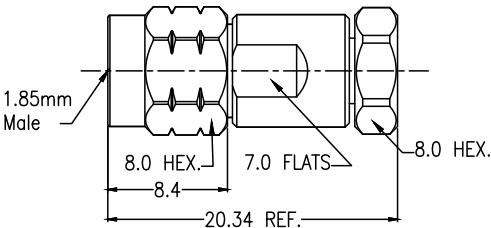
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 67 GHz	Contact pin : Beryllium copper	Plating 50u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号			
805000-00-096			

Male connector

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 67 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.35	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号			
805000-00-097			

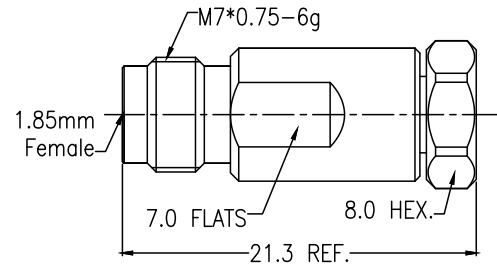
1.85mm Connector Series

Female connector

Product figure



Scale diagram



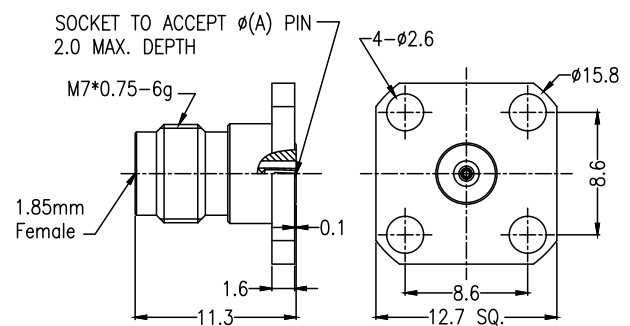
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 67 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.35	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号			
805000-00-098			

Female connector

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 65 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号		diameter Ø(A)	
805000-00-181	0.23mm		
805000-00-182	0.30mm		

1.85mm Connector Series

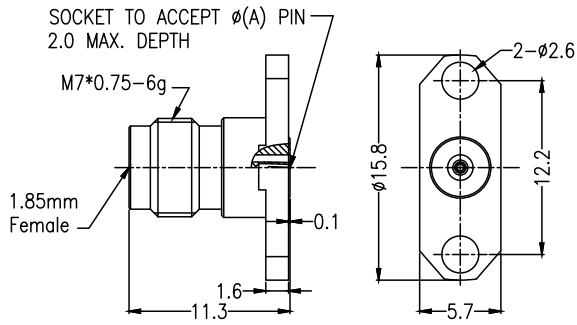


Female connector

Product figure



Scale diagram



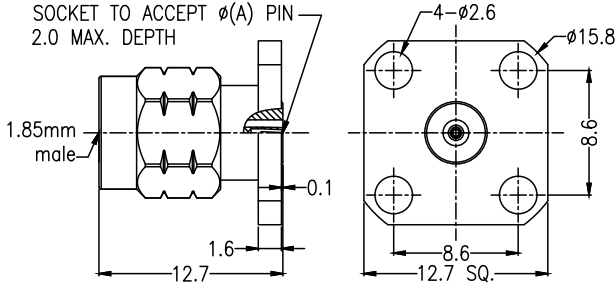
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 65 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号	diameter Ø(A)		
805000-00-183	0.23mm		
805000-00-184	0.30mm		

Male connector

Product figure



Scale diagram

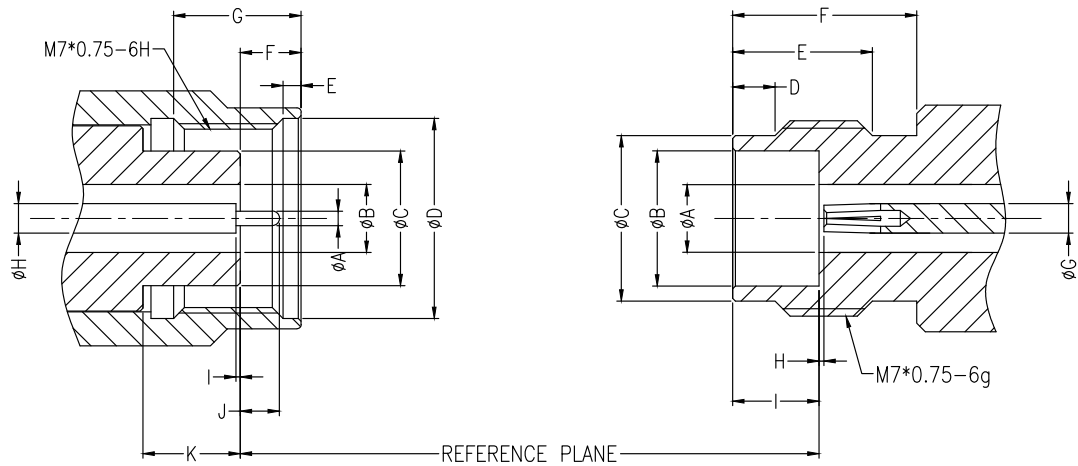


Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 65 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号	diameter Ø(A)		
805000-00-663	0.23mm		
805000-00-664	0.30mm		

2.40mm Connector Series

2.4mm 系列射频同轴连接器，频率可达50GHz，是毫米波产品常用的一类连接器，很多 毫米波仪器常采用2.4mm 输入输出口。2.4mm 产品成熟，结构上更为结实可靠。

2.4mm series rf coaxial connectors, with a frequency of up to 50GHz, are a type of connector commonly used in millimeter-wave products, and many millimeter-wave instruments are often exported with 2.4mm input.2.4mm products mature, sturdier and more reliable in structure.



界面尺寸 interface size	Male/插头		Female/插座	
Letter/代号	Minimum/最小	Maximum/最大	Minimum/最小	Maximum/最大
A	0.50(.0196)	0.52(.0205)	2.39(.0941)	2.41(.0949)
B	2.39(.0941)	2.41(.0949)	4.77(.1878)	4.795(.1887)
C	4.725(.1860)	4.75(.1870)	5.79(.2279)	5.89(.2319)
D	7.01(.2759)	7.11(.2799)	1.37(.0539)	1.63(.0641)
E	0.51(.0201)	0.77(.0303)	4.80(.1889)	5.06(.1992)
F	1.849(.0728)	2.449(.0964)	6.00(.2362)	—
G	4.37(.1720)	4.63(.1823)	1.03(.0405)	1.05(.0413)
H	1.03(.0405)	1.05(.0413)	0	0.076(.003)
I	0	0.076(.003)	3.00(.1181)	3.10(.1220)
J	1.335(.0525)	1.445(.0569)		
K	3.38(.1331)	3.48(.1370)		

Specification/技术参数	
Impedance/特性阻抗	50 ohm
Frequency range/频率范围	DC to 50 GHz
Dielectric withstanding voltage/介质耐压	> 500 V
Center contact resistance/中心接触电阻	<4.0mΩ
Outer contact resistance/外接电阻	<2.5mΩ
Insulation resistance/绝缘电阻	>5000MΩ
VSWR/电压驻波比	<1.30
Durability/耐久性	>500 cycles
Temperature range/温度范围	-40°C to +85°C
Interface standard/界面符合标准	IEC 61169-40

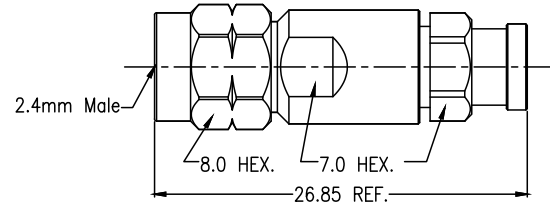
2.40mm Connector Series

Male connector

Product figure



Scale diagram



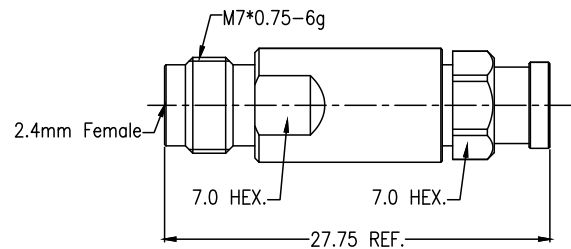
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 50 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号			
805000-00-311			

Female connector

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 50 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号			
805000-00-312			

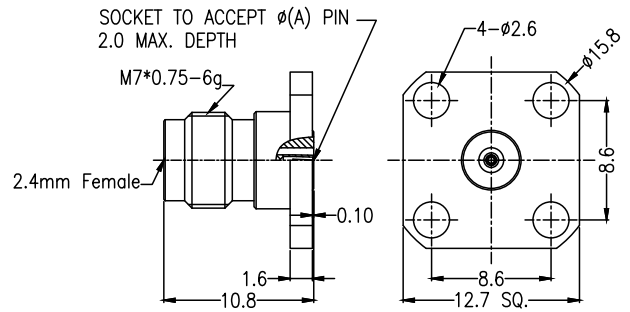
2.40mm Connector Series

Female connector

Product figure



Scale diagram



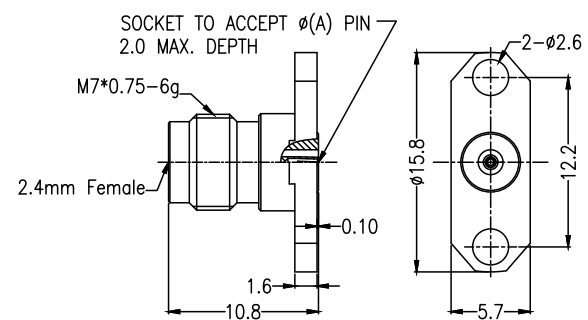
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 50 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号	diameter $\varnothing(A)$		
805000-00-185	0.23mm		
805000-00-186	0.30mm		
805000-00-187	0.51mm		

Female connector

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 50 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号	diameter $\varnothing(A)$		
805000-00-188	0.23mm		
805000-00-189	0.30mm		
805000-00-190	0.51mm		

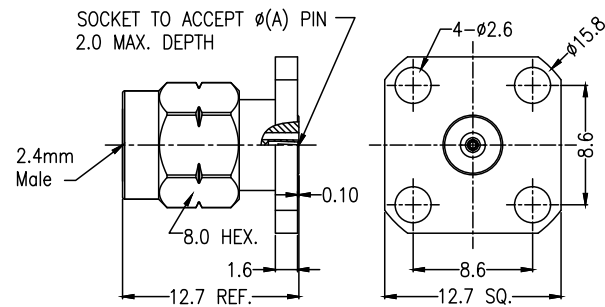
2.40mm Connector Series

Male connector

Product figure



Scale diagram



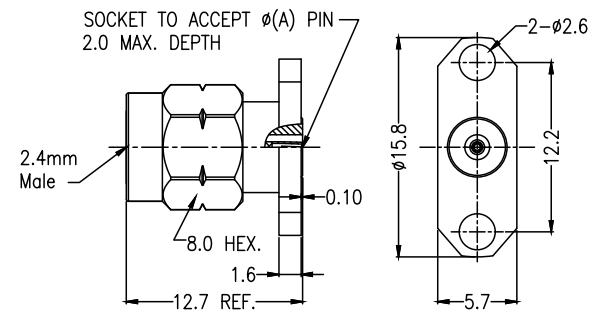
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 50 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号	diameter $\varnothing(A)$		
805000-00-191	0.23mm		
805000-00-192	0.30mm		
805000-00-193	0.51mm		

Male connector

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 50 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号	diameter $\varnothing(A)$		
805000-00-194	0.23mm		
805000-00-195	0.30mm		
805000-00-196	0.51mm		

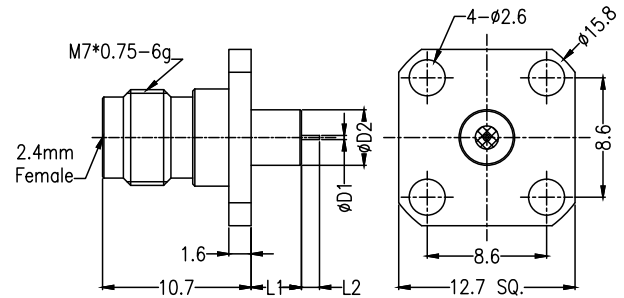
2.40mm Connector Series

Female connector

Product figure



Scale diagram



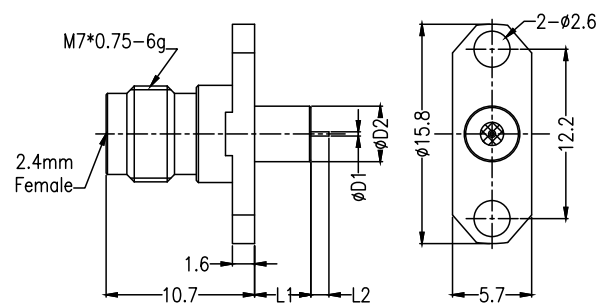
Specification/技术参数		Materials and plating/材质与电镀		
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化	
Frequency range/频率范围	DC to 50 GHz	Contact pin : Beryllium copper	Plating 30u" gold	
VSWR/电压驻波比	<1.30	Insulator : PEI / PTFE	N/A	
Durability/耐久性	>500 cycles			
Temperature range/温度范围	-55°C to +125°C			
Order No/订货号	ØD1	ØD2	L1	L2
805000-00-197	0.30mm	4.00mm	1.40mm	1.50mm
805000-00-198	0.30mm	4.00mm	3.00mm	1.50mm

Female connector

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀		
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化	
Frequency range/频率范围	DC to 50 GHz	Contact pin : Beryllium copper	Plating 30u" gold	
VSWR/电压驻波比	<1.30	Insulator : PEI / PTFE	N/A	
Durability/耐久性	>500 cycles			
Temperature range/温度范围	-55°C to +125°C			
Order No/订货号	ØD1	ØD2	L1	L2
805000-00-199	0.30mm	4.00mm	1.40mm	1.50mm
805000-00-200	0.30mm	4.00mm	3.00mm	1.50mm

2.40mm Connector Series

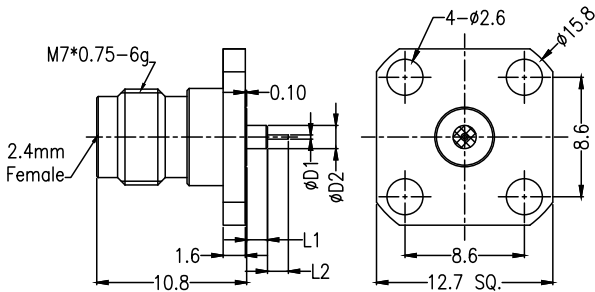


Female connector

Product figure



Scale diagram



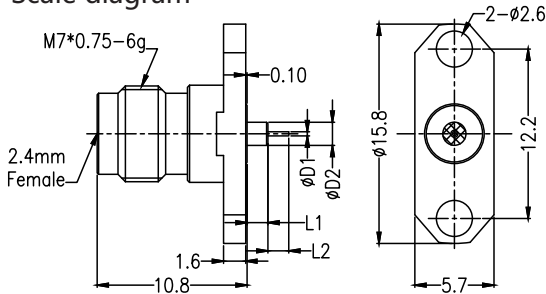
Specification/技术参数		Materials and plating/材质与电镀		
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化	
Frequency range/频率范围	DC to 50 GHz	Contact pin : Beryllium copper	Plating 30u" gold	
VSWR/电压驻波比	<1.30	Insulator : PEI / PTFE	N/A	
Durability/耐久性	>500 cycles			
Temperature range/温度范围	-55°C to +125°C			
Order No/订货号	ØD1	ØD2	L1	L2
805000-00-201	0.30mm	1.67mm	1.40mm	1.50mm
805000-00-202	0.30mm	1.67mm	3.00mm	1.50mm
805000-00-203	0.60mm	2.00mm	6.35mm	1.27mm
805000-00-204	0.60mm	2.00mm	5.10mm	1.90mm

Female connector

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀		
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化	
Frequency range/频率范围	DC to 50 GHz	Contact pin : Beryllium copper	Plating 30u" gold	
VSWR/电压驻波比	<1.30	Insulator : PEI / PTFE	N/A	
Durability/耐久性	>500 cycles			
Temperature range/温度范围	-55°C to +125°C			
Order No/订货号	ØD1	ØD2	L1	L2
805000-00-205	0.30mm	1.67mm	1.40mm	1.50mm
805000-00-206	0.30mm	1.67mm	3.00mm	1.50mm
805000-00-207	0.60mm	2.00mm	6.35mm	1.27mm
805000-00-208	0.60mm	2.00mm	5.10mm	1.90mm

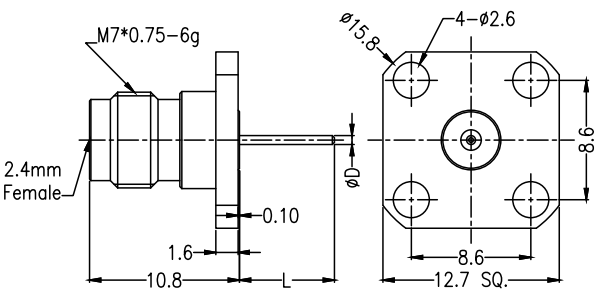
2.40mm Connector Series

Female connector

Product figure



Scale diagram



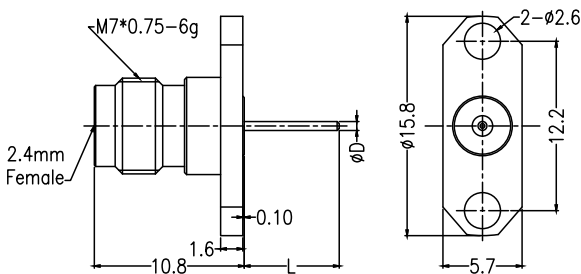
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 50 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	> 500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号	ØD1	L1	
805000-00-209	1.20mm	3.00mm	
805000-00-210	1.04mm	6.34mm	
805000-00-211	1.00mm	5.50mm	
805000-00-212	0.86mm	8.75mm	
805000-00-213	0.75mm	9.00mm	
805000-00-214	0.64mm	6.84mm	
805000-00-215	0.64mm	10.0mm	

Female connector

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 50 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号	ØD1	L1	
805000-00-216	1.20mm	3.00mm	
805000-00-217	1.04mm	6.34mm	
805000-00-218	1.00mm	5.50mm	
805000-00-219	0.86mm	8.75mm	
805000-00-220	0.75mm	9.00mm	
805000-00-221	0.64mm	6.84mm	
805000-00-222	0.64mm	10.0mm	

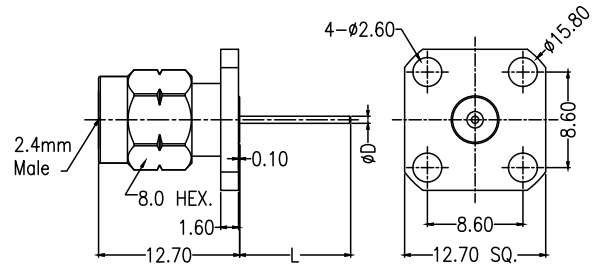
2.40mm Connector Series

Male connector

Product figure



Scale diagram



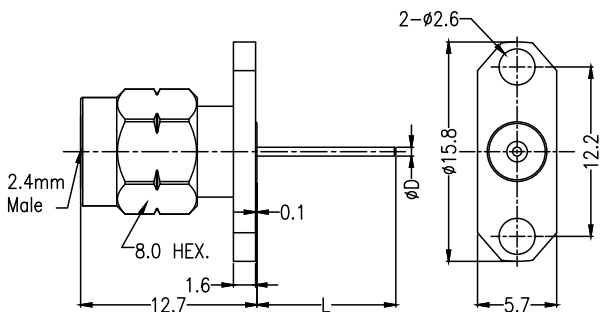
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 50 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号	ØD1	L1	
805000-00-223	0.86mm	8.75mm	
805000-00-224	0.64mm	10.0mm	

Male connector

Product figure



Scale diagram

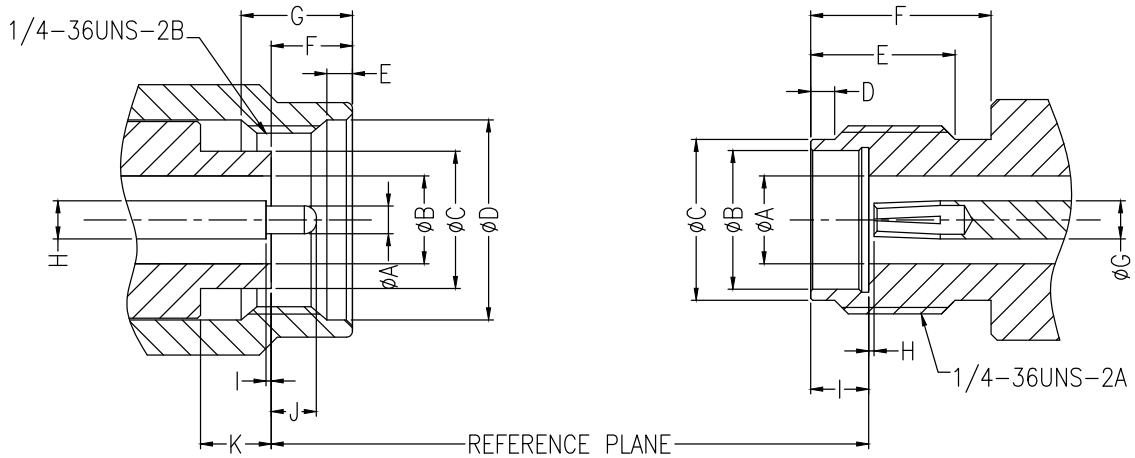


Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 50 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号	ØD1	L1	
805000-00-225	0.86mm	8.75mm	
805000-00-226	0.64mm	10.0mm	

2.92mm Connector Series

2.92mm 系列射频同轴连接器，适用于高达 40 GHz 的微波应用领域，工作频率最高可达46GHz，覆盖了整个8mm频段。它们可以与 SMA 和 PC 3.5 系列产品匹配使用，具有高机械稳定性和出色的可重复性。

2.92mm series rf coaxial connectors are suitable for microwave applications up to 40 GHz. The working frequency can reach up to 46GHz, covering the entire 8mm.Frequency band.They can be used in combination with SMA and PC 3.5, with high mechanical stability and excellent repeatability.



界面尺寸 interface size	Male/插头		Female/插座	
Letter/代号	Minimum/最小	Maximum/最大	Minimum/最小	Maximum/最大
A	0.90(.0354)	0.93(.0366)	2.90(.1141)	2.94(.1157)
B	2.90(.1141)	2.94(.1157)	4.59(.1807)	4.63(.1823)
C	4.54(.1787)	4.58(.1803)	5.28(.208)	5.46(.2149)
D	6.38(.2512)	6.73(.2649)	0.38(.0149)	1.14(.0449)
E	0.38(.0149)	1.14(.0449)	3.73(.1468)	5.76(.2268)
F	2.36(.0929)	3.56(.1401)	5.54(.2181)	—
G	3.43(.1350)	4.01(.1578)	1.26(.0496)	1.28(.0504)
H	1.26(.0496)	1.28(.0504)	0	0.076(.003)
I	0	0.076(.003)	1.88(.0740)	1.98(.0779)
J	1.39(.0547)	1.65(.0649)		
K	2.29(.0901)	—		

Specification/技术参数	
Impedance/特性阻抗	50 ohm
Frequency range/频率范围	DC to 40 GHz
Dielectric withstanding voltage/介质耐压	> 750 V
Center contact resistance/中心接触电阻	< 3.0mΩ
Outer contact resistance/外接电阻	< 2.0mΩ
Insulation resistance/绝缘电阻	> 5000MΩ
VSWR/电压驻波比	< 1.30
Durability/耐久性	> 500 cycles
Temperature range/温度范围	-40°C to +85°C
Interface standard/界面符合标准	IEC 61169-35

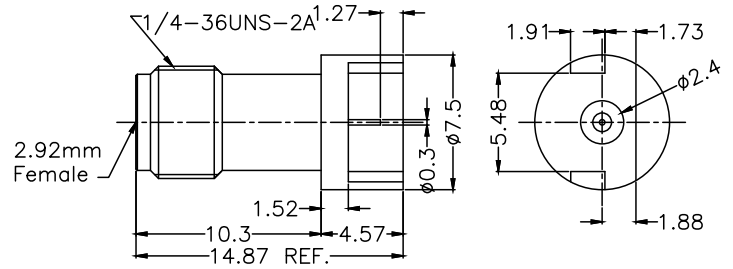
2.92mm Connector Series

Female connector

Product figure



Scale diagram



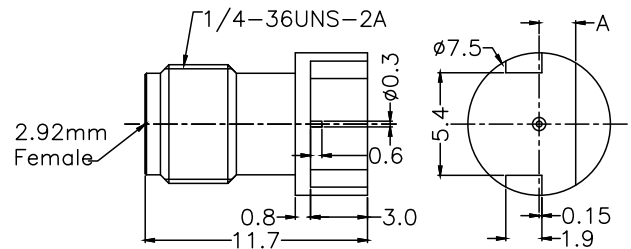
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Plating 10u" gold/镀金 10u"
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold/镀金 30u"
VSWR/电压驻波比	<1.25	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号		PCB Thickness/PCB板厚度	
805000-00-337		1.73mm	

Female connector

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : BRASS C3604/黄铜	Plating 10u" gold/镀金 10u"
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold/镀金 30u"
VSWR/电压驻波比	<1.30	Insulator : PTFE/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号		A	PCB Thickness/PCB板厚度
805000-00-151		0.76mm	0.61mm
805000-00-152		1.02mm	0.87mm
805000-00-153		1.93mm	1.78mm

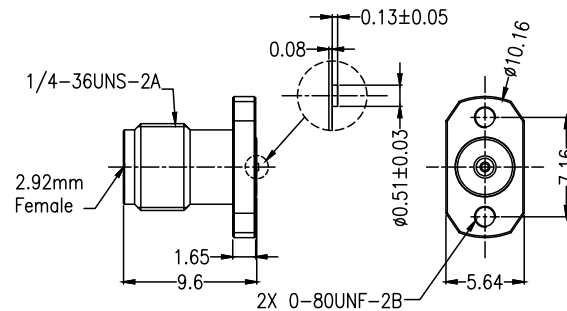
2.92mm Connector Series

Female connector

Product figure



Scale diagram



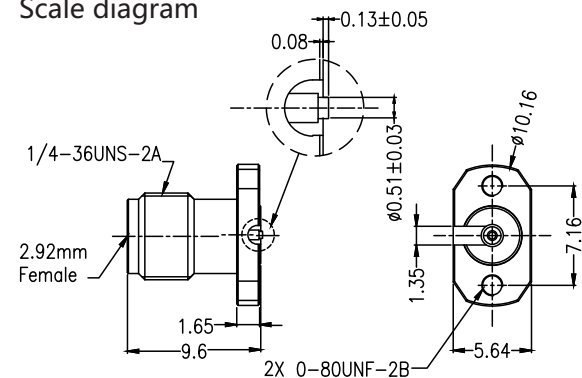
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold/镀金 30u"
VSWR/电压驻波比	<1.25	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号			
805000-00-342			

Female connector

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold/镀金 30u"
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号			
805000-00-343			

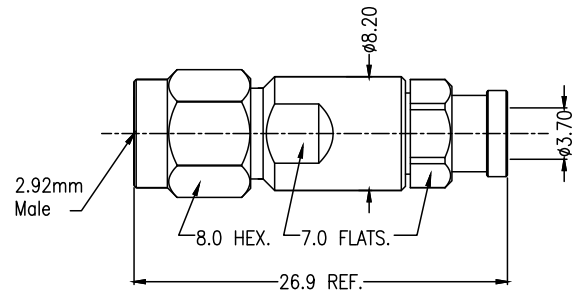
2.92mm Connector Series

Male connector

Product figure



Scale diagram



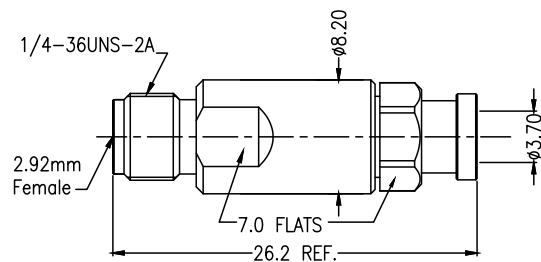
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold/镀金 30u"
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号	Apply cable/适用线缆		
805000-00-313	STA-142/UFB142A/GORE 3507/1401 Cable		

Female connector

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold/镀金 30u"
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号	Apply cable/适用线缆		
805000-00-314	STA-142/UFB142A/GORE 3507/1401 Cable		

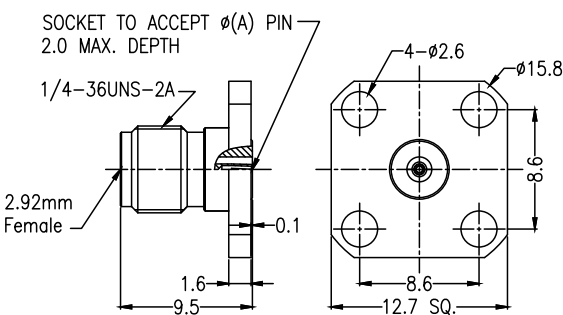
2.92mm Connector Series

Female connector (可拆卸式连接器)

Product figure



Scale diagram



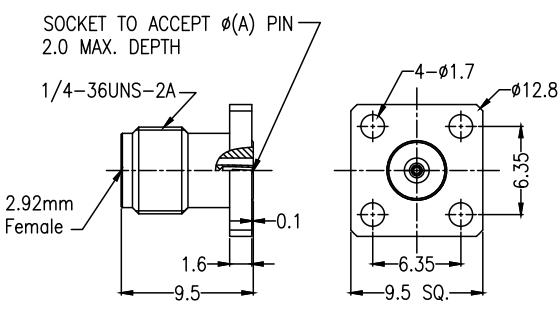
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号	diameter $\phi(A)$		
805000-00-142	0.23mm		
805000-00-143	0.30mm		
805000-00-144	0.38mm		
805000-00-145	0.51mm		

Female connector (可拆卸式连接器)

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号	diameter $\phi(A)$		
805000-00-146	0.23mm		
805000-00-147	0.30mm		
805000-00-148	0.38mm		
805000-00-149	0.51mm		

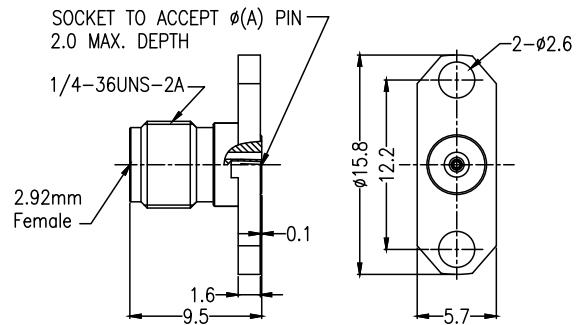
2.92mm Connector Series

Female connector (可拆卸式连接器)

Product figure



Scale diagram



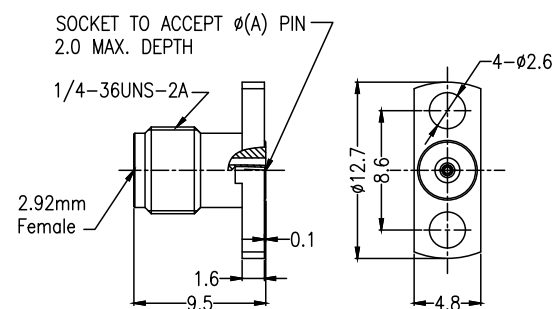
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号	diameter Ø(A)		
805000-00-227	0.23mm		
805000-00-228	0.30mm		
805000-00-229	0.38mm		
805000-00-230	0.51mm		

Female connector (可拆卸式连接器)

Product figure



Scale diagram



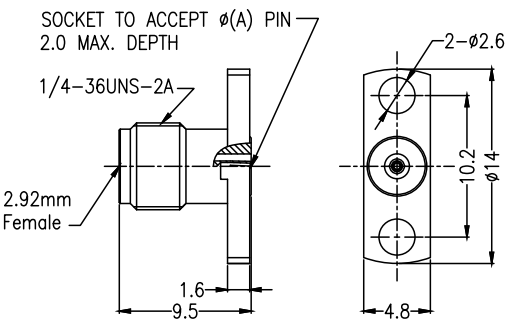
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号	diameter Ø(A)		
805000-00-498	0.23mm		
805000-00-499	0.30mm		
805000-00-500	0.38mm		
805000-00-501	0.51mm		

Female connector (可拆卸式连接器)

Product figure



Scale diagram



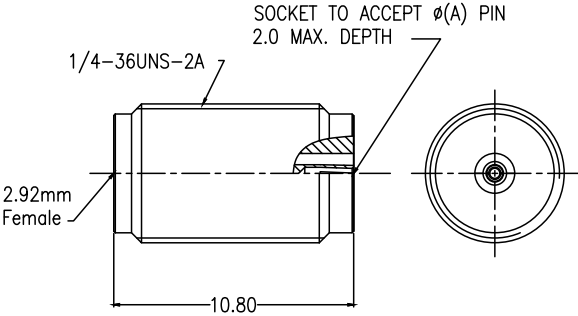
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号	diameter Ø(A)		
805000-00-546	0.23mm		
805000-00-547	0.30mm		
805000-00-548	0.38mm		
805000-00-549	0.51mm		

Female connector (可拆卸式连接器)

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号	diameter Ø(A)		
805000-00-502	0.23mm		
805000-00-503	0.30mm		
805000-00-504	0.38mm		
805000-00-505	0.51mm		

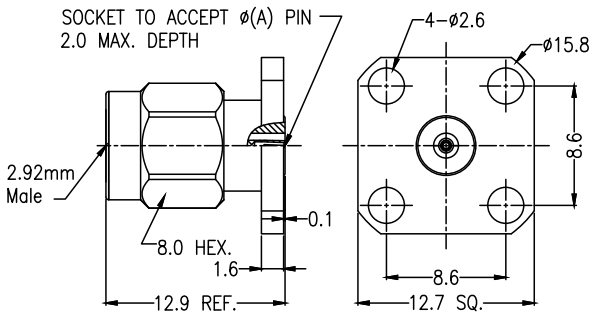
2.92mm Connector Series

Male connector (可拆卸式连接器)

Product figure



Scale diagram



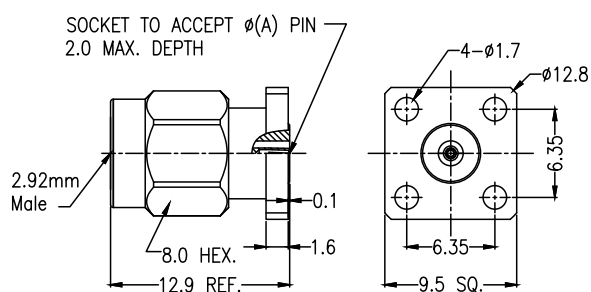
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号	diameter Ø(A)		
805000-00-231	0.23mm		
805000-00-232	0.30mm		
805000-00-233	0.38mm		
805000-00-234	0.51mm		

Male connector (可拆卸式连接器)

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号	diameter Ø(A)		
805000-00-506	0.23mm		
805000-00-507	0.30mm		
805000-00-508	0.38mm		
805000-00-509	0.51mm		

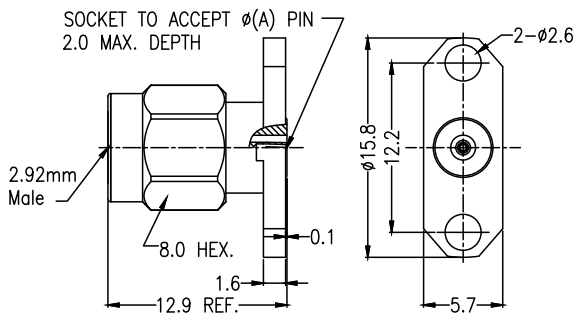
2.92mm Connector Series

Male connector (可拆卸式连接器)

Product figure



Scale diagram



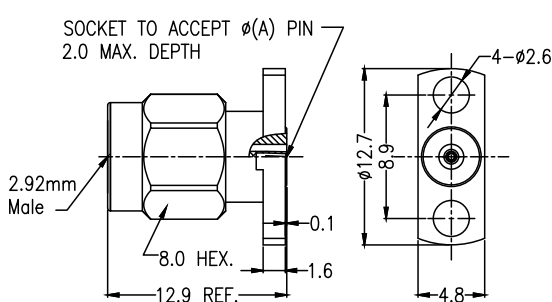
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号	diameter Ø(A)		
805000-00-235	0.23mm		
805000-00-236	0.30mm		
805000-00-237	0.38mm		
805000-00-238	0.51mm		

Male connector (可拆卸式连接器)

Product figure



Scale diagram



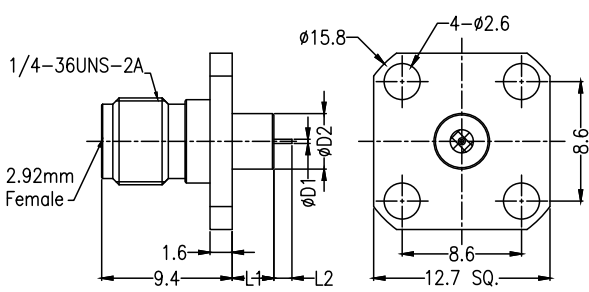
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号	diameter Ø(A)		
805000-00-510	0.23mm		
805000-00-511	0.30mm		
805000-00-512	0.38mm		
805000-00-513	0.51mm		

Female connector (金属穿墙式连接器)

Product figure



Scale diagram



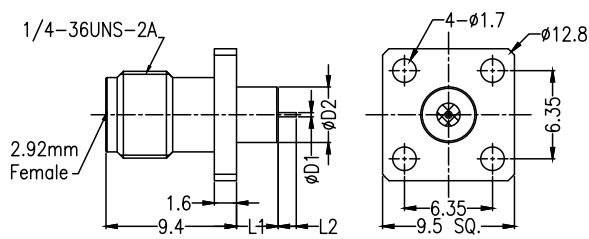
Specification/技术参数		Materials and plating/材质与电镀		
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化	
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold	
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A	
Durability/耐久性	>500 cycles			
Temperature range/温度范围	-55°C to +125°C			
Order No/订货号	ØD1	ØD2	L1	L2
805000-00-239	0.30mm	4.00mm	1.40mm	1.50mm
805000-00-240	0.30mm	4.00mm	3.00mm	1.50mm
805000-00-241	0.60mm	4.00mm	10.0mm	1.27mm

Female connector (金属穿墙式连接器)

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀		
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化	
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold	
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A	
Durability/耐久性	>500 cycles			
Temperature range/温度范围	-55°C to +125°C			
Order No/订货号	ØD1	ØD2	L1	L2
805000-00-514	0.30mm	4.00mm	1.40mm	1.50mm
805000-00-515	0.30mm	4.00mm	3.00mm	1.50mm
805000-00-516	0.60mm	4.00mm	10.1mm	1.27mm

2.92mm Connector Series

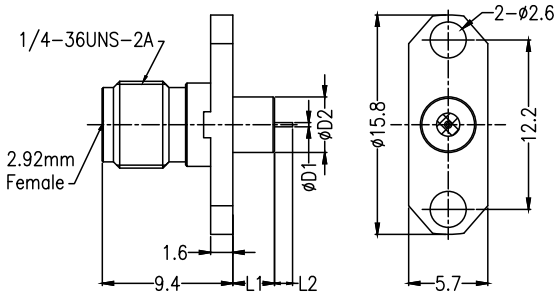


Female connector (金属穿墙式连接器)

Product figure



Scale diagram



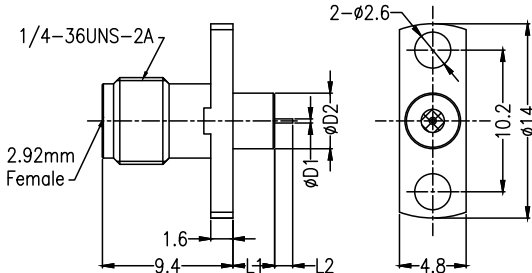
Specification/技术参数		Materials and plating/材质与电镀		
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化	
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold	
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A	
Durability/耐久性	>500 cycles			
Temperature range/温度范围	-55°C to +125°C			
Order No/订货号	ØD1	ØD2	L1	L2
805000-00-242	0.30mm	4.00mm	1.40mm	1.50mm
805000-00-243	0.30mm	4.00mm	3.00mm	1.50mm
805000-00-244	0.60mm	4.00mm	10.0mm	1.27mm

Female connector (金属穿墙式连接器)

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀		
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化	
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold	
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A	
Durability/耐久性	>500 cycles			
Temperature range/温度范围	-55°C to +125°C			
Order No/订货号	ØD1	ØD2	L1	L2
805000-00-517	0.30mm	4.00mm	1.40mm	1.50mm
805000-00-518	0.30mm	4.00mm	3.00mm	1.50mm
805000-00-519	0.60mm	4.00mm	10.1mm	1.27mm

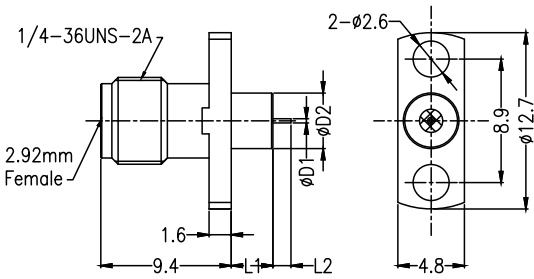
2.92mm Connector Series

Female connector (金属穿墙式连接器)

Product figure



Scale diagram



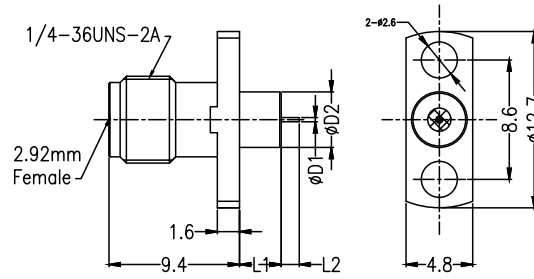
Specification/技术参数		Materials and plating/材质与电镀		
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化	
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold	
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A	
Durability/耐久性	>500 cycles			
Temperature range/温度范围	-55°C to +125°C			
Order No/订货号	ØD1	ØD2	L1	L2
805000-00-520	0.30mm	4.00mm	1.40mm	1.50mm
805000-00-521	0.30mm	4.00mm	3.00mm	1.50mm
805000-00-522	0.60mm	4.00mm	10.0mm	1.27mm

Female connector (金属穿墙式连接器)

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀		
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化	
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold	
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A	
Durability/耐久性	>500 cycles			
Temperature range/温度范围	-55°C to +125°C			
Order No/订货号	ØD1	ØD2	L1	L2
805000-00-523	0.30mm	4.00mm	1.40mm	1.50mm
805000-00-524	0.30mm	4.00mm	3.00mm	1.50mm
805000-00-525	0.60mm	4.00mm	10.1mm	1.27mm

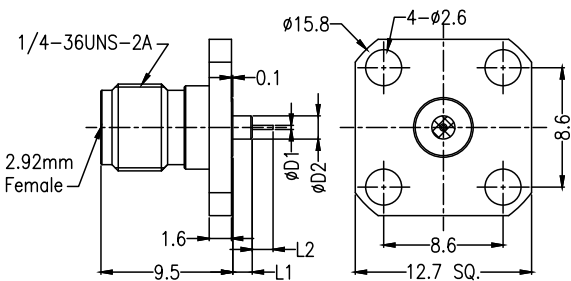
2.92mm Connector Series

Female connector (介质穿墙式连接器)

Product figure



Scale diagram



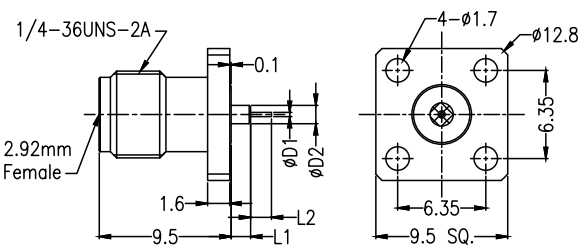
Specification/技术参数		Materials and plating/材质与电镀		
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化	
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold	
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A	
Durability/耐久性	>500 cycles			
Temperature range/温度范围	-55°C to +125°C			
Order No/	ØD1	ØD2	L1	L2
805000-00-245	0.30mm	1.67mm	1.40mm	1.50mm
805000-00-246	0.30mm	1.67mm	3.00mm	1.50mm

Female connector (介质穿墙式连接器)

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀		
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化	
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold	
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A	
Durability/耐久性	>500 cycles			
Temperature range/温度范围	-55°C to +125°C			
Order No/订货号	ØD1	ØD2	L1	L2
805000-00-526	0.30mm	1.67mm	1.40mm	1.50mm
805000-00-527	0.30mm	1.67mm	3.00mm	1.50mm

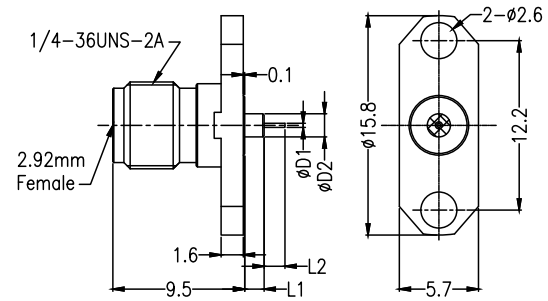
2.92mm Connector Series

Female connector (介质穿墙式连接器)

Product figure



Scale diagram



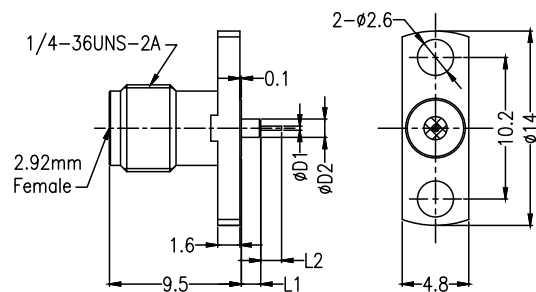
Specification/技术参数		Materials and plating/材质与电镀		
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化	
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold	
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A	
Durability/耐久性	>500 cycles			
Temperature range/温度范围	-55°C to +125°C			
Order No/订货号	ØD1	ØD2	L1	L2
805000-00-247	0.30mm	1.67mm	1.40mm	1.50mm
805000-00-248	0.30mm	1.67mm	3.00mm	1.50mm

Female connector (介质穿墙式连接器)

Product figure



Scale diagram



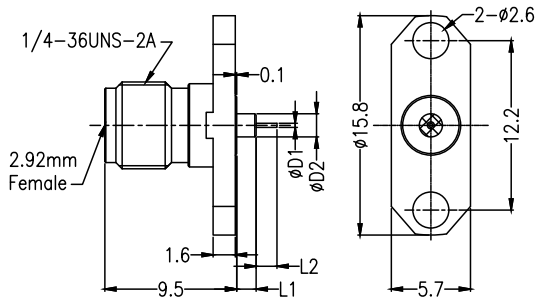
Specification/技术参数		Materials and plating/材质与电镀		
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化	
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold	
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A	
Durability/耐久性	>500 cycles			
Temperature range/温度范围	-55°C to +125°C			
Order No/订货号	ØD1	ØD2	L1	L2
805000-00-528	0.30mm	1.67mm	1.40mm	1.50mm
805000-00-529	0.30mm	1.67mm	3.00mm	1.50mm

Female connector (介质穿墙式连接器)

Product figure



Scale diagram



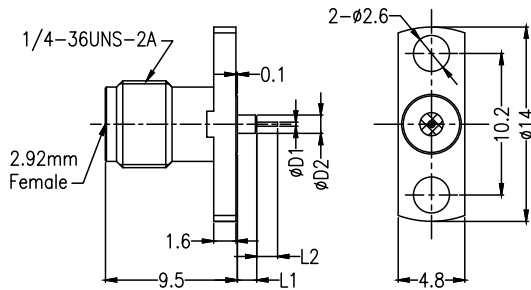
Specification/技术参数		Materials and plating/材质与电镀		
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化	
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold	
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A	
Durability/耐久性	>500 cycles			
Temperature range/温度范围	-55°C to +125°C			
Order No/	ØD1	ØD2	L1	L2
805000-00-247	0.30mm	1.67mm	1.40mm	1.50mm
805000-00-248	0.30mm	1.67mm	3.00mm	1.50mm

Female connector (介质穿墙式连接器)

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀		
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化	
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold	
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A	
Durability/耐久性	>500 cycles			
Temperature range/温度范围	-55°C to +125°C			
Order No/	ØD1	ØD2	L1	L2
805000-00-528	0.30mm	1.67mm	1.40mm	1.50mm
805000-00-529	0.30mm	1.67mm	3.00mm	1.50mm

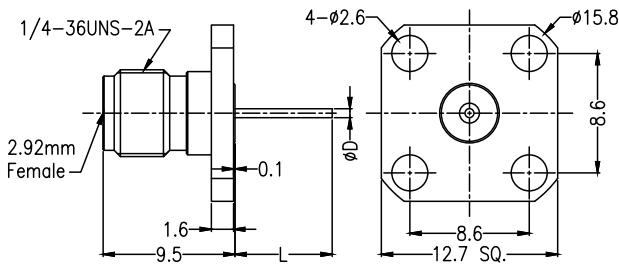
2.92mm Connector Series

Female connector (空气穿墙式连接器)

Product figure



Scale diagram



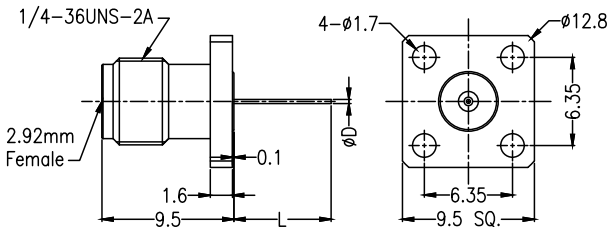
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号	ØD1	L1	
805000-00-249	0.30mm	7.00mm	
805000-00-250	0.64mm	6.84mm	
805000-00-251	0.64mm	10.92mm	
805000-00-252	0.75mm	30.0mm	

Female connector (空气穿墙式连接器)

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号	ØD1	L1	
805000-00-534	0.30mm	7.00mm	
805000-00-535	0.64mm	6.84mm	
805000-00-536	0.64mm	10.92mm	
805000-00-537	0.75mm	30.0mm	

2.92mm Connector Series

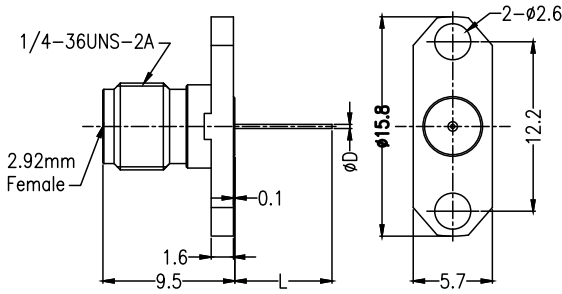


Female connector (空气穿墙式连接器)

Product figure



Scale diagram



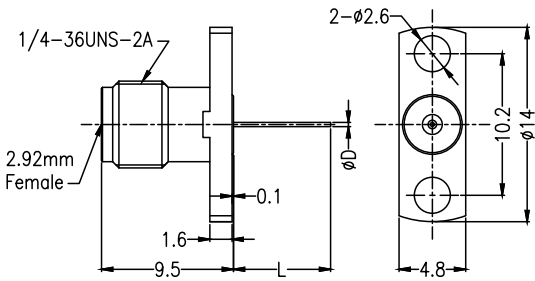
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号	ØD1	L1	
805000-00-253	0.30mm	7.00mm	
805000-00-254	0.64mm	6.84mm	
805000-00-255	0.64mm	10.92mm	
805000-00-256	0.75mm	30.0mm	

Female connector (空气穿墙式连接器)

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号	ØD1	L1	
805000-00-538	0.30mm	7.00mm	
805000-00-539	0.64mm	6.84mm	
805000-00-540	0.64mm	10.92mm	
805000-00-541	0.75mm	30.0mm	

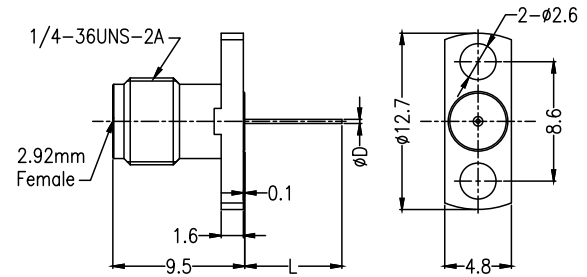
2.92mm Connector Series

Female connector (空气穿墙式连接器)

Product figure



Scale diagram



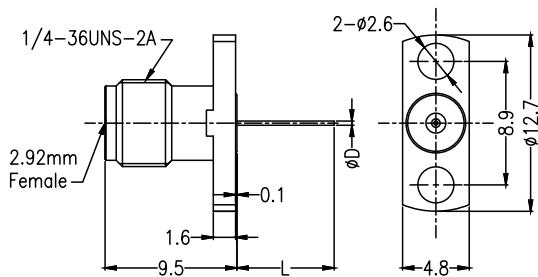
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号	ØD1	L1	
805000-00-416	0.30mm	7.00mm	
805000-00-417	0.64mm	6.84mm	
805000-00-418	0.64mm	10.92mm	
805000-00-419	0.75mm	30.0mm	

Female connector (空气穿墙式连接器)

Product figure



Scale diagram

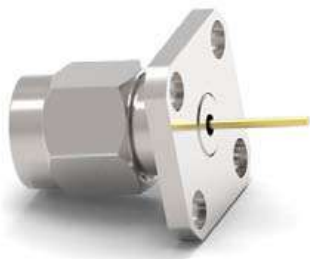


Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号	ØD1	L1	
805000-00-542	0.30mm	7.00mm	
805000-00-543	0.64mm	6.84mm	
805000-00-544	0.64mm	10.92mm	
805000-00-545	0.75mm	30.0mm	

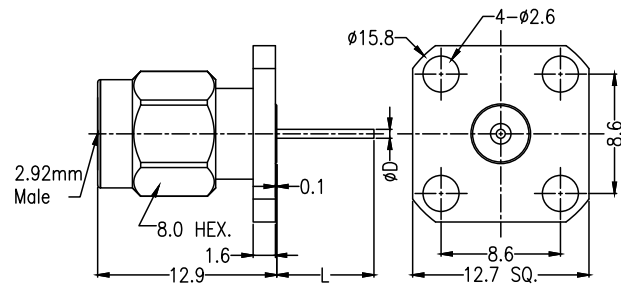
2.92mm Connector Series

Male connector (空气穿墙式连接器)

Product figure



Scale diagram



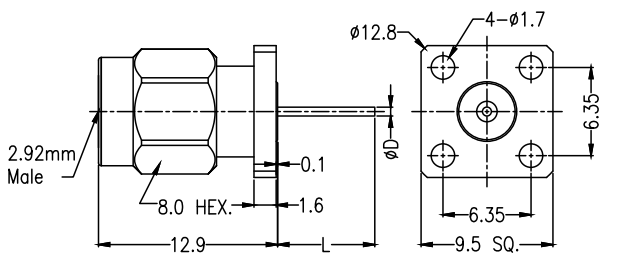
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号	ØD1	L1	
805000-00-257	0.64mm	6.84mm	
805000-00-258	0.64mm	10.92mm	

Male connector (空气穿墙式连接器)

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号	ØD1	L1	
805000-00-550	0.64mm	6.84mm	
805000-00-551	0.64mm	10.92mm	

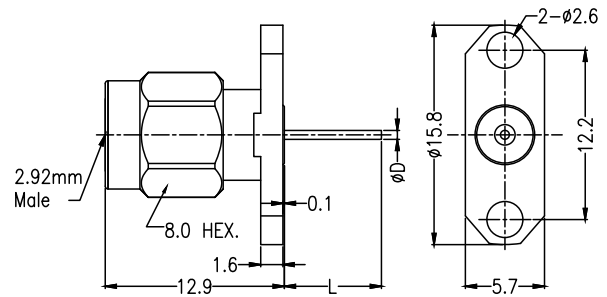
2.92mm Connector Series

Male connector (空气穿墙式连接器)

Product figure



Scale diagram



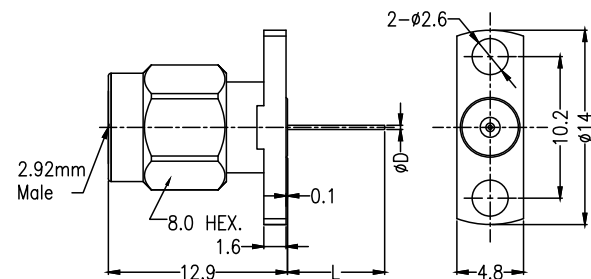
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号	ØD1	L1	
805000-00-259	0.64mm	6.84mm	
805000-00-260	0.64mm	10.92mm	

Male connector (空气穿墙式连接器)

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号	ØD1	L1	
805000-00-552	0.64mm	6.84mm	
805000-00-553	0.64mm	10.92mm	

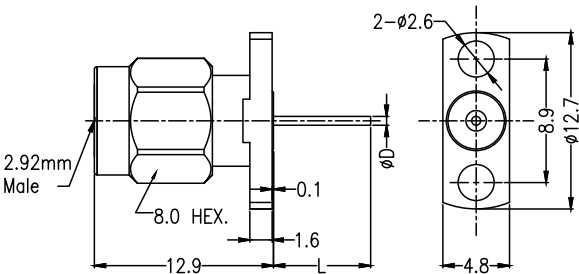
2.92mm Connector Series

Male connector (空气穿墙式连接器)

Product figure



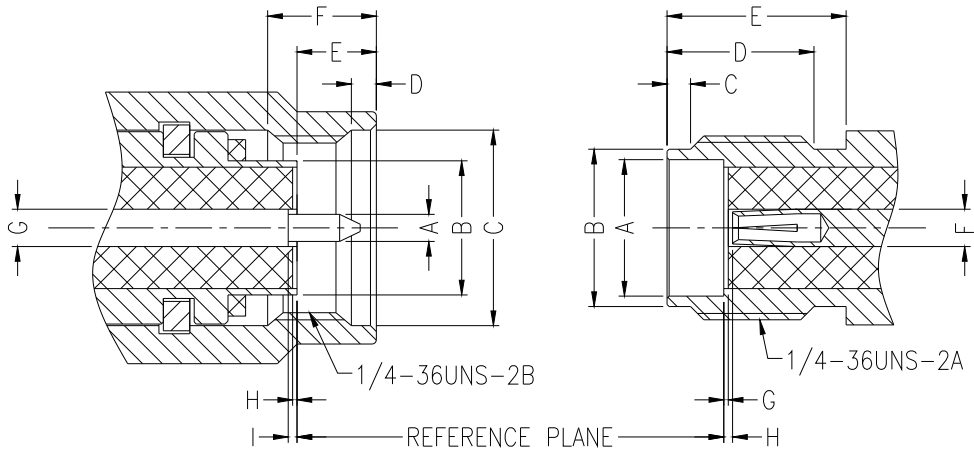
Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-55°C to +125°C		
Order No/订货号		ØD1	L1
805000-00-554		0.64mm	6.84mm
805000-00-555		0.64mm	10.92mm

SMA系列是应用非常广泛的小尺寸螺纹式同轴射频连接器，具有良好的电气性能、耐用性、使用可靠的特点。产品广泛用于微波通信领域，移动通讯设备和电子通讯仪器，数字通信系统 的主机和射频回路中。

SMA series is the wide application of small size thread type rf coaxial connectors, good electrical properties, durability, use reliable characteristic.Products are widely used in field of microwave communication, mobile communication equipment and electronic communication instrument, host and radio frequency loop of the digital communication system.



界面尺寸 interface size	Male/插头		Female/插座	
Letter/代号	Minimum/最小	Maximum/最大	Minimum/最小	Maximum/最大
A	0.90(.0354)	0.94(.0370)	4.60(.1811)	4.67(.1838)
B	4.53(.1783)	4.59(.1807)	5.28(.2078)	5.49(.2161)
C	6.35(.2500)	6.73(.2649)	0.38(.0149)	1.14(.0449)
D	0.38(.0149)	1.14(.0449)	4.32(.1701)	—
E	2.54(.0100)	3.43(.1350)	5.54(.2181)	—
F	3.30(.1299)	—	1.24(.0488)	1.30(.0512)
G	1.24(.0488)	1.30(.0512)	0	0.25(.0098)
H	0	0.25(.0098)	0	0.25(.0098)
I	0	0.25(.0098)		

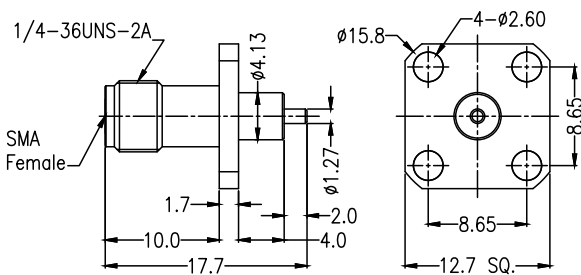
Specification/技术参数	
Impedance/特性阻抗	50 ohm
Frequency range/频率范围	DC to 26.5 GHz
Dielectric withstanding voltage/介质耐压	> 750 V
Center contact resistance/中心接触电阻	<3.0mΩ
Outer contact resistance/外接触电阻	<2.0mΩ
Insulation resistance/绝缘电阻	>5000MΩ
VSWR/电压驻波比	<1.30
Durability/耐久性	>500 cycles
Temperature range/温度范围	-65℃ to +165℃
Interface standard/界面符合标准	IEC 61169-15, MIL-STD-348

Female connector

Product figure



Scale diagram



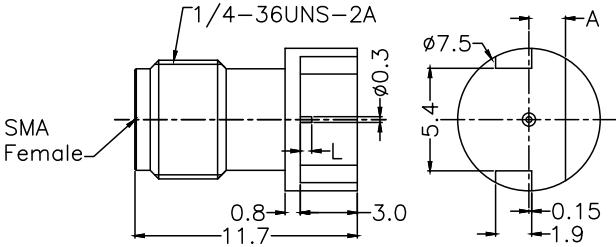
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : BRASS C3604/黄铜	Plating 3u" gold/镀金 3u"
Frequency range/频率范围	DC to 18 GHz	Contact pin : Beryllium copper	Plating 5u" gold/镀金 5u"
VSWR/电压驻波比	<1.30	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号			
805000-00-325			

Female connector

Product figure



Scale diagram



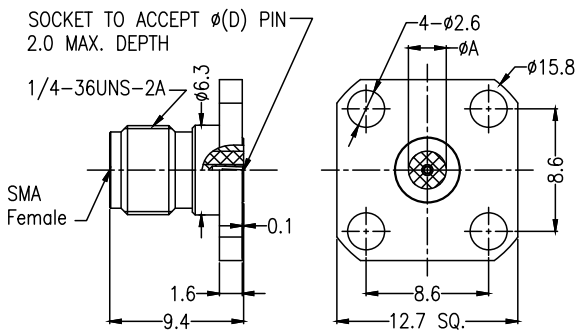
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : BRASS C3604/黄铜	Plating 10u" gold/镀金 10u"
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold/镀金 30u"
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号	A	L	PCB Thickness/PCB板厚度
805000-00-662	0.76mm	0.60mm	0.61mm
805000-00-663	1.02mm	0.60mm	0.87mm
805000-00-664	1.93mm	0.60mm	1.78mm
805000-00-665	0.76mm	1.22mm	0.61mm
805000-00-666	1.02mm	1.22mm	0.87mm
805000-00-667	1.93mm	1.22mm	1.78mm

Female connector (可拆卸式连接器)

Product figure



Scale diagram



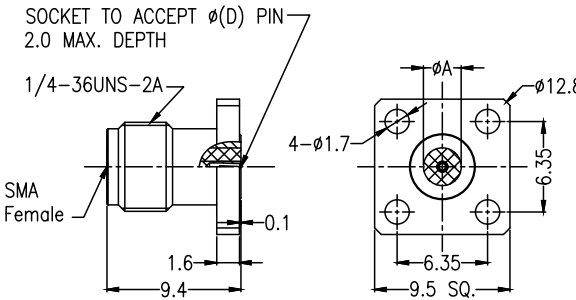
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号	diameter $\phi(D)$	ϕA	
805000-00-351	0.23mm	1.53mm	
805000-00-352	0.30mm	1.94mm	
805000-00-353	0.38mm	1.94mm	
805000-00-354	0.46mm	2.59mm	
805000-00-355	0.51mm	2.65mm	

Female connector (可拆卸式连接器)

Product figure



Scale diagram



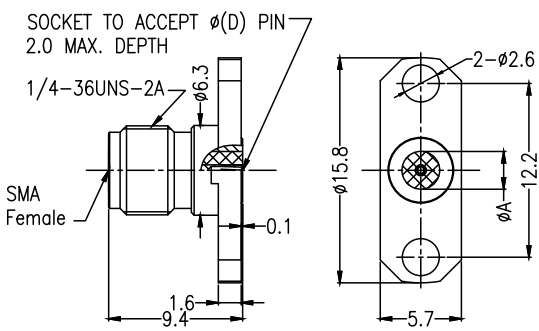
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号	diameter $\phi(D)$	ϕA	
805000-00-356	0.23mm	1.53mm	
805000-00-357	0.30mm	1.94mm	
805000-00-358	0.38mm	1.94mm	
805000-00-359	0.46mm	2.59mm	
805000-00-360	0.51mm	2.65mm	

Female connector (可拆卸式连接器)

Product figure



Scale diagram



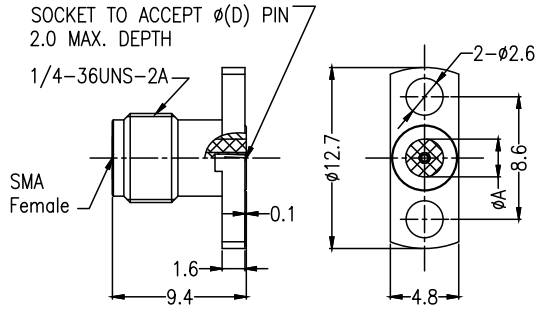
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号	diameter $\varnothing(D)$	$\varnothing A$	
805000-00-361	0.23mm	1.53mm	
805000-00-362	0.30mm	1.94mm	
805000-00-363	0.38mm	1.94mm	
805000-00-364	0.46mm	2.59mm	
805000-00-365	0.51mm	2.65mm	

Female connector (可拆卸式连接器)

Product figure



Scale diagram



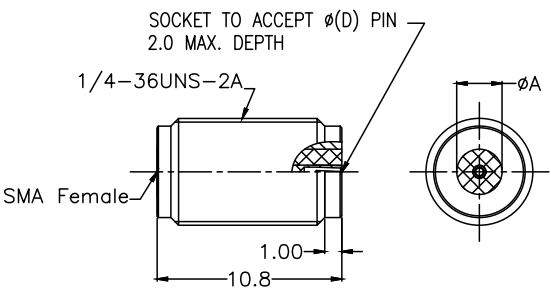
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号	diameter $\varnothing(D)$	$\varnothing A$	
805000-00-366	0.23mm	1.53mm	
805000-00-367	0.30mm	1.94mm	
805000-00-368	0.38mm	1.94mm	
805000-00-369	0.46mm	2.59mm	
805000-00-370	0.51mm	2.65mm	

Female connector (可拆卸式连接器)

Product figure



Scale diagram



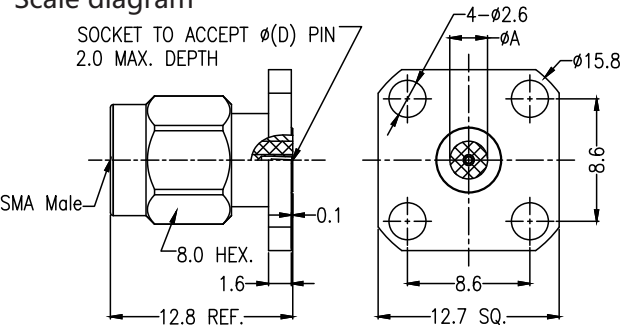
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号	diameter $\phi(D)$	ϕA	
805000-00-372	0.23mm	1.53mm	
805000-00-373	0.30mm	1.94mm	
805000-00-374	0.38mm	1.94mm	
805000-00-375	0.46mm	2.59mm	
805000-00-376	0.51mm	2.65mm	

Male connector (可拆卸式连接器)

Product figure



Scale diagram



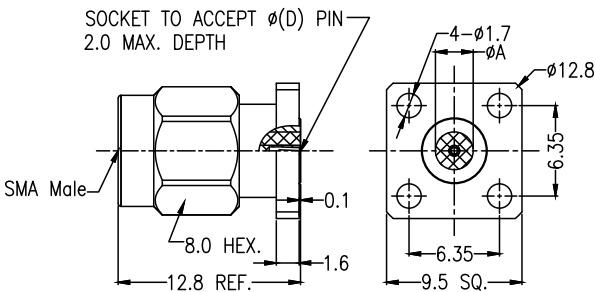
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号	diameter $\phi(D)$	ϕA	
805000-00-377	0.23mm	1.53mm	
805000-00-378	0.30mm	1.94mm	
805000-00-379	0.38mm	1.94mm	
805000-00-380	0.46mm	2.59mm	
805000-00-381	0.51mm	2.65mm	

Male connector (可拆卸式连接器)

Product figure



Scale diagram



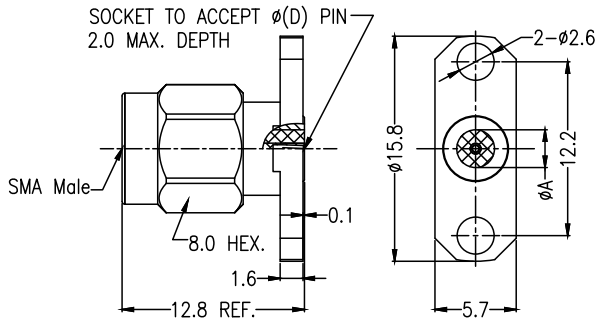
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号	diameter $\phi(D)$	ϕA	
805000-00-382	0.23mm	1.53mm	
805000-00-383	0.30mm	1.94mm	
805000-00-384	0.38mm	1.94mm	
805000-00-385	0.46mm	2.59mm	
805000-00-386	0.51mm	2.65mm	

Male connector (可拆卸式连接器)

Product figure



Scale diagram



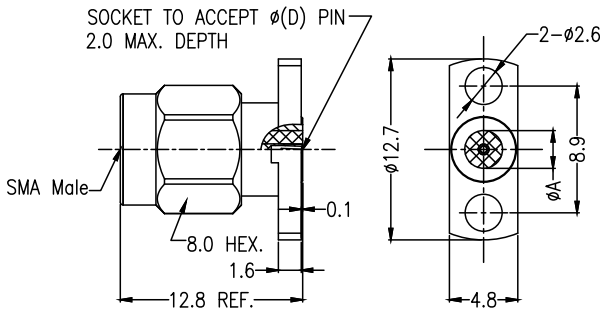
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号	diameter $\phi(D)$	ϕA	
805000-00-387	0.23mm	1.53mm	
805000-00-388	0.30mm	1.94mm	
805000-00-389	0.38mm	1.94mm	
805000-00-390	0.46mm	2.59mm	
805000-00-391	0.51mm	2.65mm	

Male connector (可拆卸式连接器)

Product figure



Scale diagram



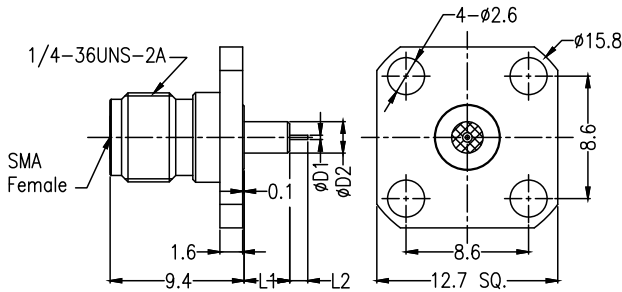
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号	diameter Ø(D)	ØA	
805000-00-392	0.23mm	1.53mm	
805000-00-393	0.30mm	1.94mm	
805000-00-394	0.38mm	1.94mm	
805000-00-395	0.46mm	2.59mm	
805000-00-396	0.51mm	2.65mm	

Female connector (介质穿墙式连接器)

Product figure



Scale diagram



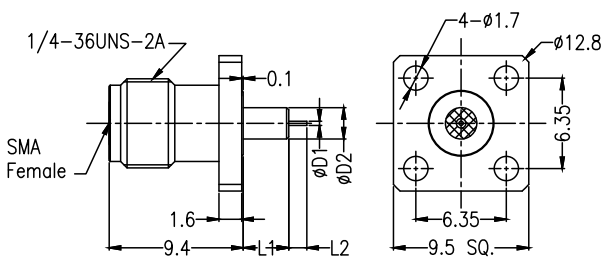
Specification/技术参数		Materials and plating/材质与电镀		
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化	
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold	
VSWR/电压驻波比	<1.30	Insulator : PTFE ASTM-D-1710	N/A	
Durability/耐久性	>500 cycles			
Temperature range/温度范围	-65°C to +165°C			
Order No/订货号	ØD1	ØD2	L1	L2
805000-00-399	0.30mm	2.20mm	3.20mm	1.27mm
805000-00-400	0.64mm	2.10mm	15.0mm	3.00mm
805000-00-401	0.64mm	3.90mm	15.0mm	3.00mm

Female connector (介质穿墙式连接器)

Product figure



Scale diagram



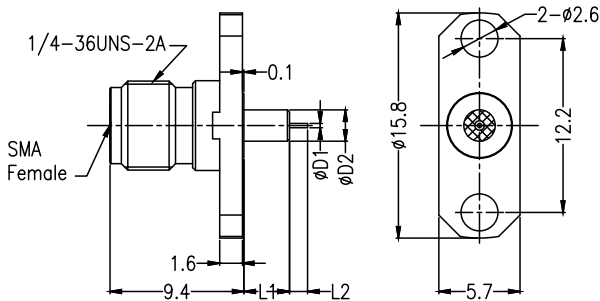
Specification/技术参数		Materials and plating/材质与电镀		
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化	
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold	
VSWR/电压驻波比	<1.30	Insulator : PTFE ASTM-D-1710	N/A	
Durability/耐久性	>500 cycles			
Temperature range/温度范围	-65°C to +165°C			
Order No/订货号	ØD1	ØD2	L1	L2
805000-00-402	0.30mm	2.20mm	3.20mm	1.27mm
805000-00-403	0.64mm	2.10mm	15.0mm	3.00mm

Female connector (介质穿墙式连接器)

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀		
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化	
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold	
VSWR/电压驻波比	<1.30	Insulator : PTFE ASTM-D-1710	N/A	
Durability/耐久性	>500 cycles			
Temperature range/温度范围	-65°C to +165°C			
Order No/订货号	ØD1	ØD2	L1	L2
805000-00-404	0.30mm	2.20mm	3.20mm	1.27mm
805000-00-405	0.64mm	2.10mm	15.0mm	3.00mm
805000-00-406	0.64mm	3.90mm	15.0mm	3.00mm

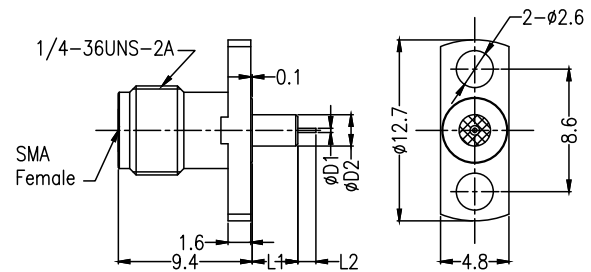
SMA Connector Series

Female connector (介质穿墙式连接器)

Product figure



Scale diagram



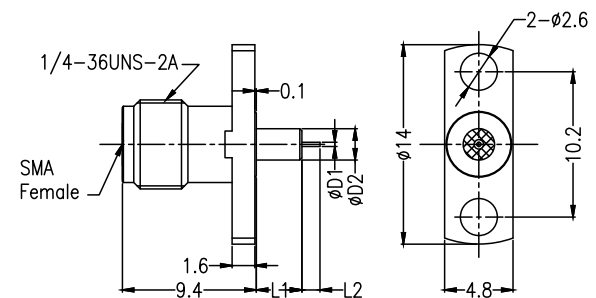
Specification/技术参数		Materials and plating/材质与电镀		
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化	
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold	
VSWR/电压驻波比	<1.30	Insulator : PTFE ASTM-D-1710	N/A	
Durability/耐久性	>500 cycles			
Temperature range/温度范围	-65°C to +165°C			
Order No/订货号	ØD1	ØD2	L1	L2
805000-00-407	0.30mm	2.20mm	3.20mm	1.27mm
805000-00-408	0.64mm	2.10mm	15.0mm	3.00mm
805000-00-409	0.64mm	3.90mm	15.0mm	3.00mm

Female connector (介质穿墙式连接器)

Product figure



Scale diagram



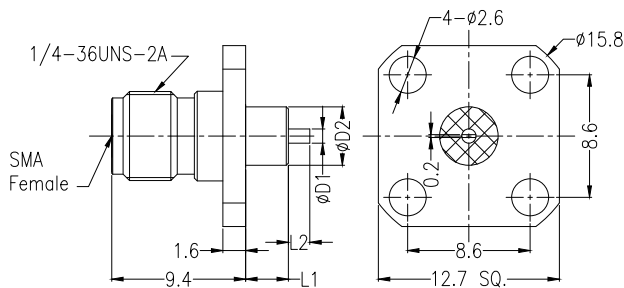
Specification/技术参数		Materials and plating/材质与电镀		
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化	
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold	
VSWR/电压驻波比	<1.30	Insulator : PTFE ASTM-D-1710	N/A	
Durability/耐久性	>500 cycles			
Temperature range/温度范围	-65°C to +165°C			
Order No/订货号	ØD1	ØD2	L1	L2
805000-00-615	0.30mm	2.20mm	3.20mm	1.27mm
805000-00-616	0.64mm	2.10mm	15.0mm	3.00mm

Female connector (介质穿墙式连接器)

Product figure



Scale diagram



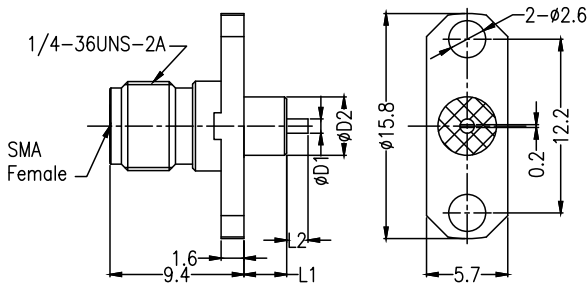
Specification/技术参数		Materials and plating/材质与电镀		
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化	
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold	
VSWR/电压驻波比	<1.30	Insulator : PTFE ASTM-D-1710	N/A	
Durability/耐久性	>500 cycles			
Temperature range/温度范围	-65°C to +165°C			
Order No/订货号	ØD1	ØD2	L1	L2
805000-00-410	1.00mm	4.10mm	3.00mm	1.50mm
805000-00-411	1.00mm	4.10mm	4.00mm	3.00mm

Female connector (介质穿墙式连接器)

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀		
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化	
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold	
VSWR/电压驻波比	<1.30	Insulator : PTFE ASTM-D-1710	N/A	
Durability/耐久性	>500 cycles			
Temperature range/温度范围	-65°C to +165°C			
Order No/订货号	ØD1	ØD2	L1	L2
805000-00-412	1.00mm	4.10mm	3.00mm	1.50mm
805000-00-413	1.00mm	4.10mm	4.00mm	3.00mm

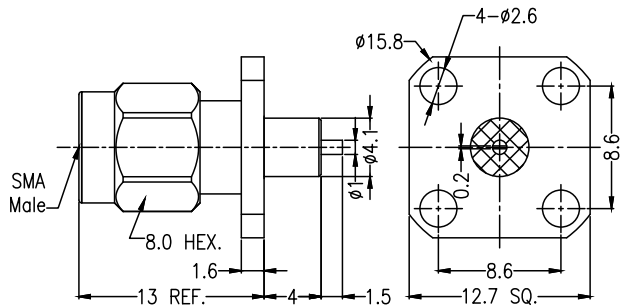
SMA Connector Series

Male connector (介质穿墙式连接器)

Product figure



Scale diagram



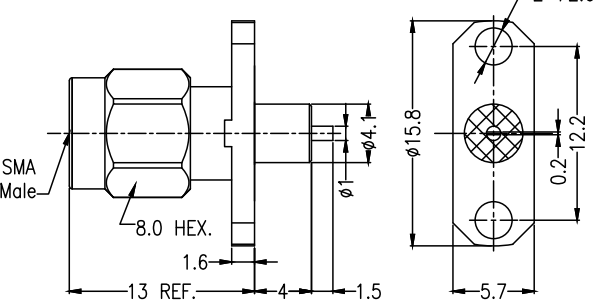
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号			
805000-00-414			

Male connector (介质穿墙式连接器)

Product figure



Scale diagram



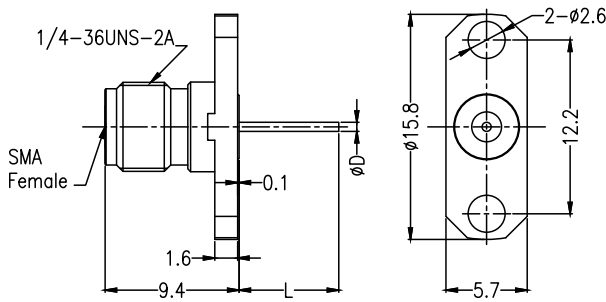
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号			
805000-00-415			

Female connector (空气穿墙式连接器)

Product figure



Scale diagram



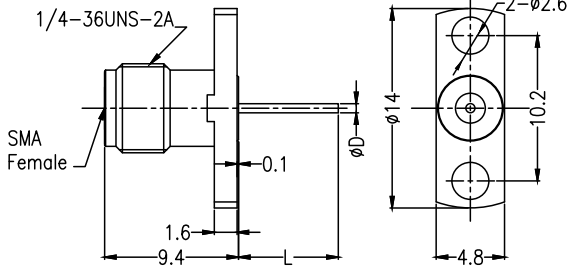
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号	ØD	L	
805000-00-426	0.64mm	18.0mm	
805000-00-427	0.87mm	10.92mm	
805000-00-428	0.87mm	26.0mm	

Female connector (空气穿墙式连接器)

Product figure



Scale diagram



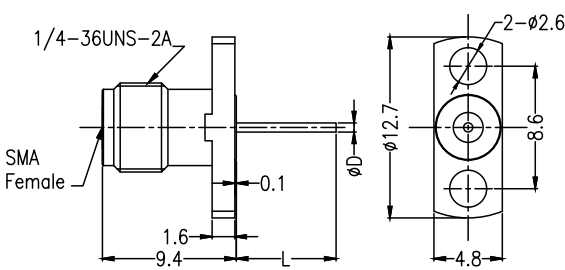
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号	ØD	L	
805000-00-617	0.64mm	18.0mm	
805000-00-618	0.87mm	10.92mm	

Female connector (空气穿墙式连接器)

Product figure



Scale diagram



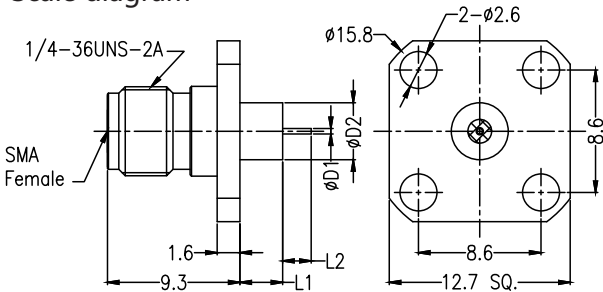
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号	ØD	L	
805000-00-429	0.64mm	18.0mm	
805000-00-430	0.87mm	10.92mm	
805000-00-431	0.87mm	26.0mm	

Female connector (金属穿墙式连接器)

Product figure



Scale diagram



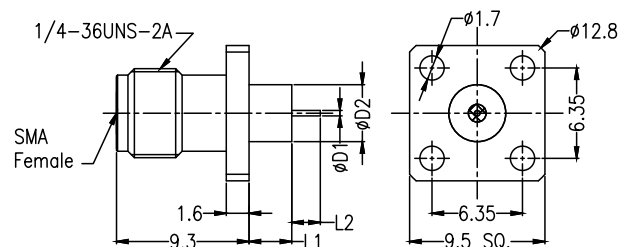
Specification/技术参数		Materials and plating/材质与电镀		
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化	
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold	
VSWR/电压驻波比	<1.30	Insulator : PTFE ASTM-D-1710	N/A	
Durability/耐久性	>500 cycles			
Temperature range/温度范围	-65°C to +165°C			
Order No/订货号	ØD1	ØD2	L1	L2
805000-00-635	0.38mm	4.00mm	3.00mm	2.00mm
805000-00-636	0.80mm	4.00mm	4.00mm	2.00mm

Female connector (金属穿墙式连接器)

Product figure



Scale diagram



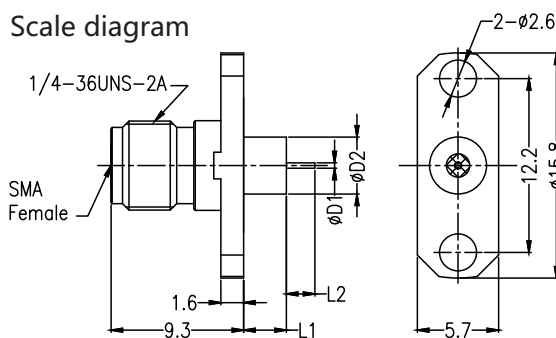
Specification/技术参数		Materials and plating/材质与电镀		
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化	
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold	
VSWR/电压驻波比	<1.30	Insulator : PTFE ASTM-D-1710	N/A	
Durability/耐久性	>500 cycles			
Temperature range/温度范围	-65°C to +165°C			
Order No/订货号	ØD1	ØD2	L1	L2
805000-00-619~620	0.38mm	4.00mm	3.00mm	2.00mm

Female connector (金属穿墙式连接器)

Product figure



Scale diagram



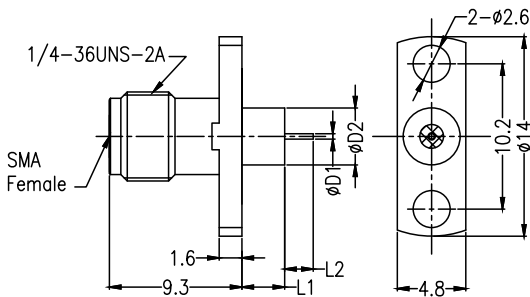
Specification/技术参数		Materials and plating/材质与电镀		
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化	
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold	
VSWR/电压驻波比	<1.30	Insulator : PTFE ASTM-D-1710	N/A	
Durability/耐久性	>500 cycles			
Temperature range/温度范围	-65°C to +165°C			
Order No/订货号	ØD1	ØD2	L1	L2
805000-00-621	0.38mm	4.00mm	3.00mm	2.00mm
805000-00-622	0.80mm	4.00mm	4.00mm	2.00mm

Female connector (金属穿墙式连接器)

Product figure



Scale diagram



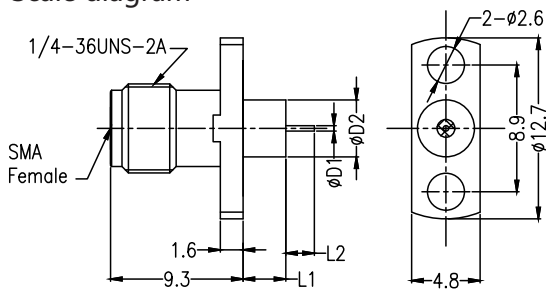
Specification/技术参数		Materials and plating/材质与电镀		
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化	
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold	
VSWR/电压驻波比	<1.30	Insulator : PTFE ASTM-D-1710	N/A	
Durability/耐久性	>500 cycles			
Temperature range/温度范围	-65°C to +165°C			
Order No/订货号	ØD1	ØD2	L1	L2
805000-00-623	0.38mm	4.00mm	3.00mm	2.00mm
805000-00-624	0.80mm	4.00mm	4.00mm	2.00mm

Female connector (金属穿墙式连接器)

Product figure



Scale diagram



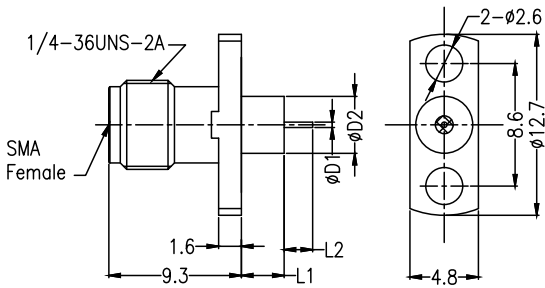
Specification/技术参数		Materials and plating/材质与电镀		
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化	
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold	
VSWR/电压驻波比	<1.30	Insulator : PTFE ASTM-D-1710	N/A	
Durability/耐久性	>500 cycles			
Temperature range/温度范围	-65°C to +165°C			
Order No/订货号	ØD1	ØD2	L1	L2
805000-00-625	0.38mm	4.00mm	3.00mm	2.00mm
805000-00-626	0.80mm	4.00mm	4.00mm	2.00mm

Female connector (金属穿墙式连接器)

Product figure



Scale diagram



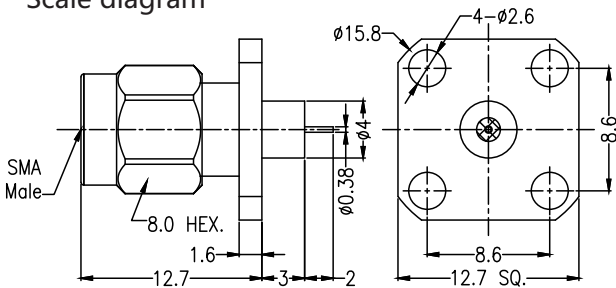
Specification/技术参数		Materials and plating/材质与电镀		
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化	
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold	
VSWR/电压驻波比	<1.30	Insulator : PTFE ASTM-D-1710	N/A	
Durability/耐久性	>500 cycles			
Temperature range/温度范围	-65°C to +165°C			
Order No/订货号	ØD1	ØD2	L1	L2
805000-00-627	0.38mm	4.00mm	3.00mm	2.00mm
805000-00-628	0.80mm	4.00mm	4.00mm	2.00mm

Male connector (金属穿墙式连接器)

Product figure



Scale diagram



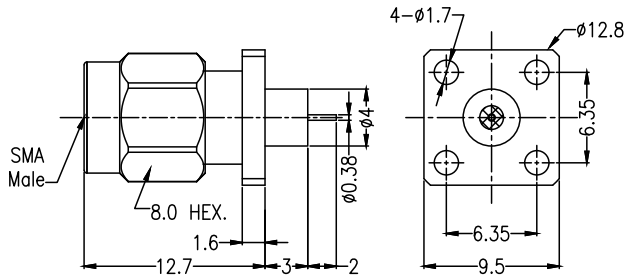
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号			
805000-00-629			

Male connector (金属穿墙式连接器)

Product figure



Scale diagram



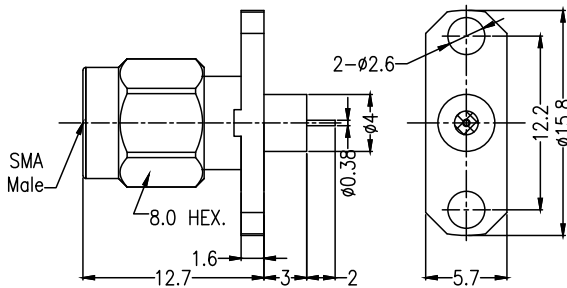
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号			
805000-00-630			

Male connector (金属穿墙式连接器)

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号			
805000-00-632			

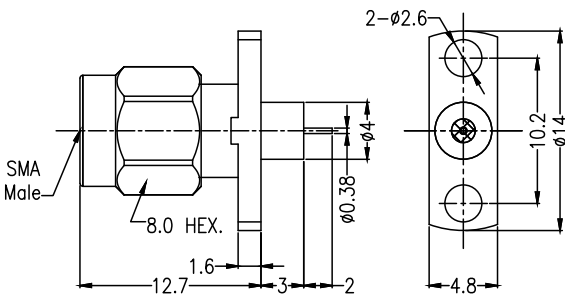
SMA Connector Series

Male connector (金属穿墙式连接器)

Product figure



Scale diagram



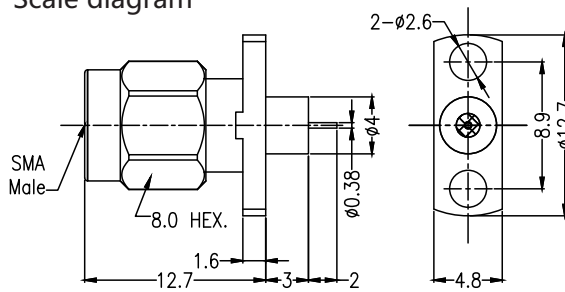
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号			
805000-00-633			

Male connector (金属穿墙式连接器)

Product figure



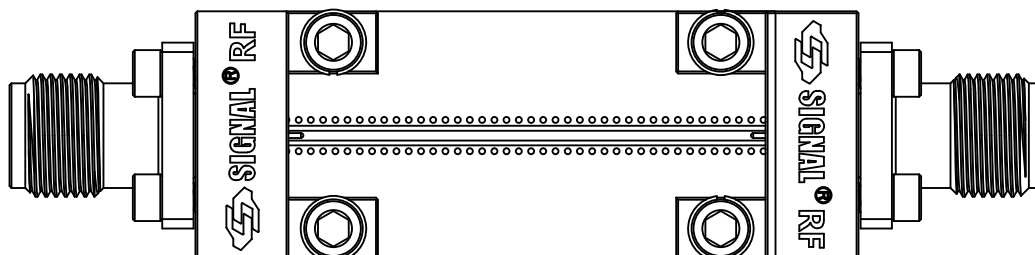
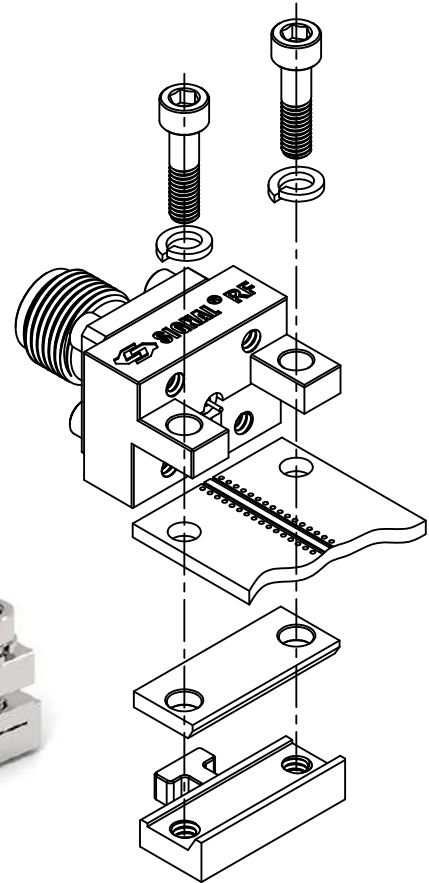
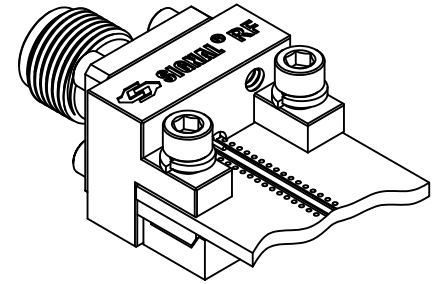
Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel/不锈钢	Passivation/钝化
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号			
805000-00-634			

Features:

- Now available in: SMA (26.5 GHz), 2.92 mm (40 GHz), 2.40 mm (50 GHz)
- Low VSWR
- Low Insertion Loss
- Multiple launch configurations to optimize match to circuit
- Optimum performance when board launch geometry is grounded coplanar (CPWG) or top ground microstrip
- Unique clamping mechanism accommodates a wide range of board thicknesses (up to .110") while providing a continuous ground connection between end launch and circuit board.
- Launch overhang that allows ground to be picked up close to the launch point
- Universal, robust & reusable
- No soldering required
- Connectors ship fully assembled (board not included)

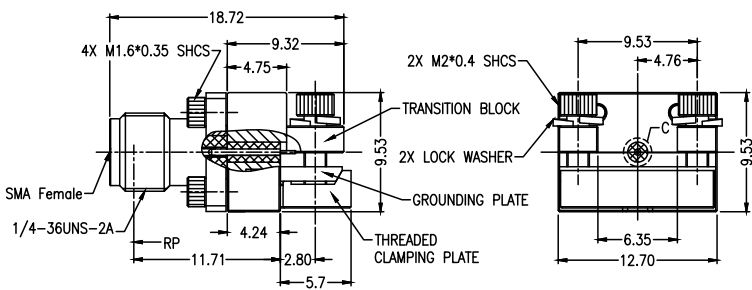


SMA Female connector

Product figure



Scale diagram



Materials and plating/材质与电镀

Description/描述	Materials/材质	Plating/电镀
Body/主体	Stainless steel/不锈钢	Passivation/钝化
Contact pin/中心针	Beryllium copper C17300/铍青铜	Plating 30u" gold/镀金 30u"
Insulator/绝缘体	PTFE ASTM-D-1710	N/A

Specification/技术参数

Electrical parameters/电气性能	
Impedance/特性阻抗	50 ohm
Frequency range/频率范围	DC to 26.5 GHz
Voltage rating/工作电压	335 V(rms)
Dielectric withstanding voltage/介质耐压	>500 V
Center contact resistance/中心接触电阻	<3.0mΩ
Outer contact resistance/外接触电阻	<2.0mΩ
Insulation resistance/绝缘电阻	>5000MΩ
Insertion loss/插入损耗	<0.10 x $\sqrt{f(\text{GHz})}$ dB
VSWR/电压驻波比	<1.40
Mechanical parameters/机械性能	
Center contact retention force/中心针保持力	>6 LBS
Durability/耐久性	>500 cycles
Environmental parameters/环境参数	
Temperature range/温度范围	-55°C to +165°C

Order data/订货信息

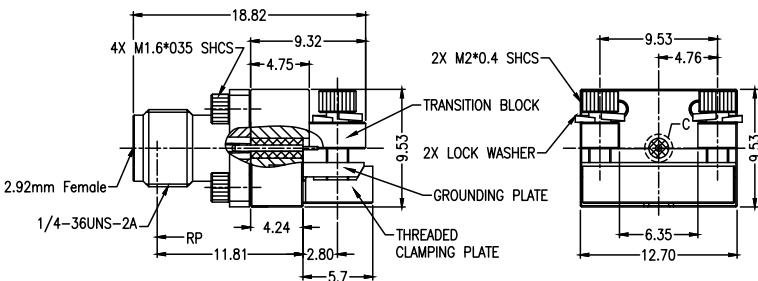
Order No/订货号	
805000-00-637	

2.92mm Female connector

Product figure



Scale diagram



Materials and plating/材质与电镀

Description/描述	Materials/材质	Plating/电镀
Body/主体	Stainless steel/不锈钢	Passivation/钝化
Contact pin/中心针	Beryllium copper C17300/铍青铜	Plating 30u" gold/镀金 30u"
Insulator/绝缘体	PTFE ASTM-D-1710 & PEI	N/A

Specification/技术参数

Electrical parameters/电气性能	
Impedance/特性阻抗	50 ohm
Frequency range/频率范围	DC to 40 GHz
Voltage rating/工作电压	250 V(rms)
Dielectric withstanding voltage/介质耐压	>750 V
Center contact resistance/中心接触电阻	<3.0mΩ
Outer contact resistance/外接触电阻	<2.0mΩ
Insulation resistance/绝缘电阻	>5000MΩ
Insertion loss/插入损耗	<0.10 x $\sqrt{f(\text{GHz})}$ dB
VSWR/电压驻波比	<1.50
Mechanical parameters/机械性能	
Center contact retention force/中心针保持力	>6 LBS
Durability/耐久性	>500 cycles
Environmental parameters/环境参数	
Temperature range/温度范围	-55°C to +125°C

Order data/订货信息

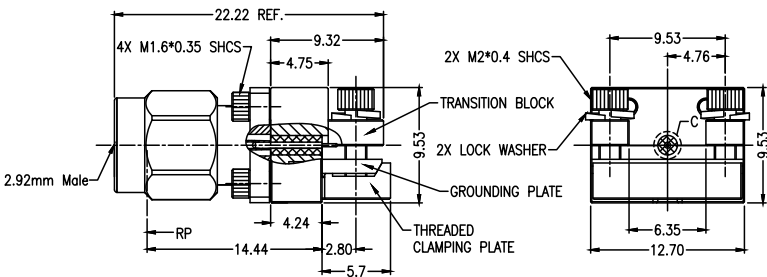
Order No/订货号	
805000-00-345	

2.92mm Male connector

Product figure



Scale diagram



Materials and plating/材质与电镀

Description/描述	Materials/材质	Plating/电镀
Body/主体	Stainless steel/不锈钢	Passivation/钝化
Contact pin/中心针	Beryllium copper C17300/铍青铜	Plating 30u" gold/镀金 30u"
Insulator/绝缘体	PTFE ASTM-D-1710 & PEI	N/A

Specification/技术参数

Electrical parameters/电气性能	
Impedance/特性阻抗	50 ohm
Frequency range/频率范围	DC to 40 GHz
Voltage rating/工作电压	250 V(rms)
Dielectric withstanding voltage/介质耐压	>750 V
Center contact resistance/中心接触电阻	<3.0mΩ
Outer contact resistance/外接触电阻	<2.0mΩ
Insulation resistance/绝缘电阻	>5000MΩ
Insertion loss/插入损耗	<0.10 x $\sqrt{f(\text{GHz})}$ dB
VSWR/电压驻波比	<1.50
Mechanical parameters/机械性能	
Center contact retention force/中心针保持力	>6 LBS
Durability/耐久性	>500 cycles
Environmental parameters/环境参数	
Temperature range/温度范围	-55°C to +125°C

Order data/订货信息

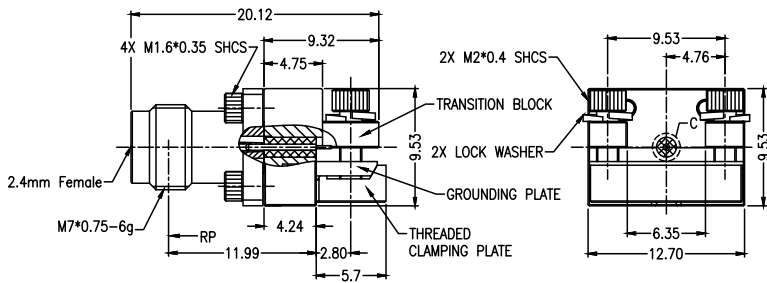
Order No/订货号	
805000-00-639	

2.40mm Female connector

Product figure



Scale diagram



Materials and plating/材质与电镀

Description/描述	Materials/材质	Plating/电镀
Body/主体	Stainless steel/不锈钢	Passivation/钝化
Contact pin/中心针	Beryllium copper C17300/铍青铜	Plating 30u" gold/镀金 30u"
Insulator/绝缘体	PTFE ASTM-D-1710 & PEI	N/A

Specification/技术参数

Electrical parameters/电气性能	
Impedance/特性阻抗	50 ohm
Frequency range/频率范围	DC to 50 GHz
Voltage rating/工作电压	150 V(rms)
Dielectric withstanding voltage/介质耐压	>500 V
Center contact resistance/中心接触电阻	<4.0mΩ
Outer contact resistance/外接触电阻	<2.5mΩ
Insulation resistance/绝缘电阻	>5000MΩ
Insertion loss/插入损耗	<0.10 x √f(GHz) dB
VSWR/电压驻波比	<1.60
Mechanical parameters/机械性能	
Center contact retention force/中心针保持力	>6 LBS
Durability/耐久性	>500 cycles
Environmental parameters/环境参数	
Temperature range/温度范围	-55°C to +125°C

Order data/订货信息

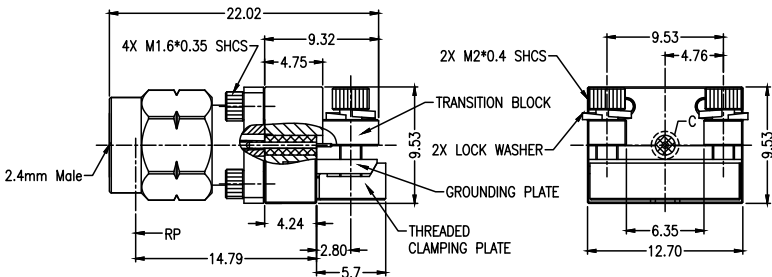
Order No/订货号	
805000-00-646	

2.40mm Male connector

Product figure



Scale diagram



Materials and plating/材质与电镀

Description/描述	Materials/材质	Plating/电镀
Body/主体	Stainless steel/不锈钢	Passivation/钝化
Contact pin/中心针	Beryllium copper C17300/铍青铜	Plating 30u" gold/镀金 30u"
Insulator/绝缘体	PTFE ASTM-D-1710 & PEI	N/A

Specification/技术参数

Electrical parameters/电气性能	
Impedance/特性阻抗	50 ohm
Frequency range/频率范围	DC to 50 GHz
Voltage rating/工作电压	150 V(rms)
Dielectric withstanding voltage/介质耐压	>500 V
Center contact resistance/中心接触电阻	<4.0mΩ
Outer contact resistance/外接触电阻	<2.5mΩ
Insulation resistance/绝缘电阻	>5000MΩ
Insertion loss/插入损耗	<0.10 x $\sqrt{f(\text{GHz})}$ dB
VSWR/电压驻波比	<1.60
Mechanical parameters/机械性能	
Center contact retention force/中心针保持力	>6 LBS
Durability/耐久性	>500 cycles
Environmental parameters/环境参数	
Temperature range/温度范围	-55°C to +125°C

Order data/订货信息

Order No/订货号	
805000-00-647	

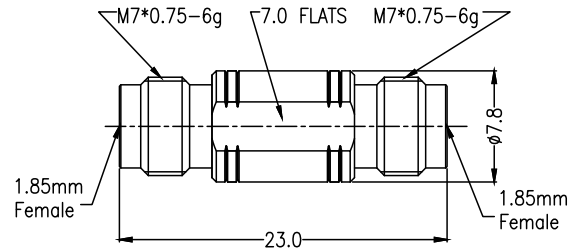
1.85mm to 1.85mm Adapter

1.85mm Female to Female Adapter

Product figure



Scale diagram



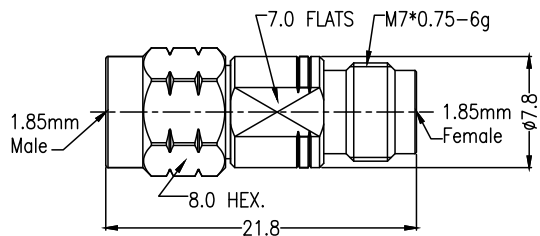
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 65 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.25	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-100			

1.85mm Male to Female Adapter

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 65 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.25	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/			
805000-00-101			

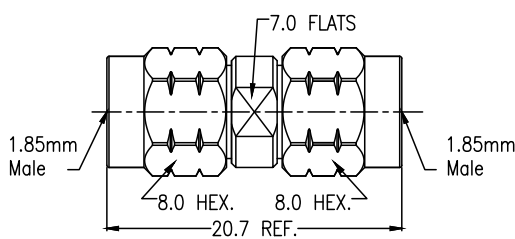
1.85mm to 1.85mm Adapter

1.85mm Male to Male Adapter

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 65 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.25	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	> 500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-102			

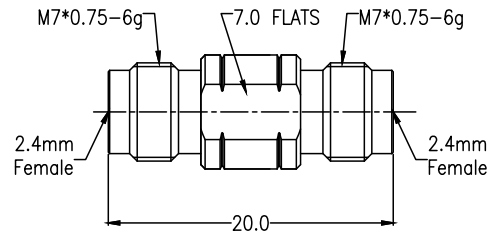
2.4mm to 2.4mm Adapter

2.4mm Female to Female Adapter

Product figure



Scale diagram



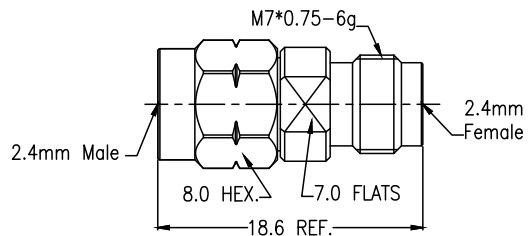
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 50 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.20	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	> 500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-105			

2.4mm Male to Female Adapter

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 50 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	> 500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-112			

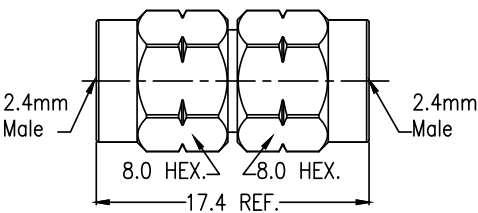
2.4mm to 2.4mm Adapter

2.4mm Male to Male Adapter

Product figure



Scale diagram



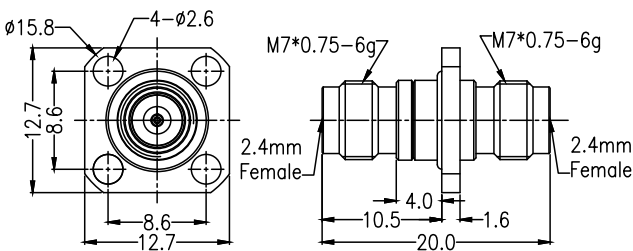
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 50 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-111			

2.4mm Female to Female Adapter,4-Hole Flange

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 50 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.20	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-106			

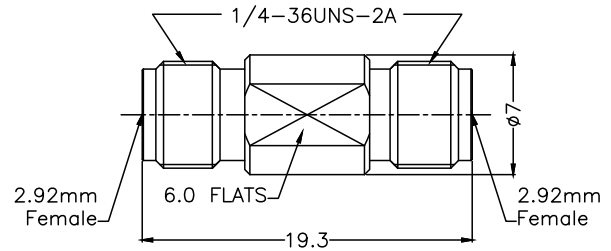
2.92mm to 2.92mm Adapter

2.92mm Female to Female Adapter

Product figure



Scale diagram



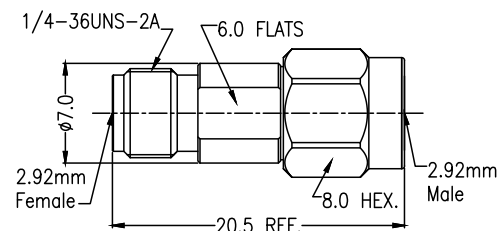
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.20	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-103			

2.92mm Male to Female Adapter

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.20	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-085			

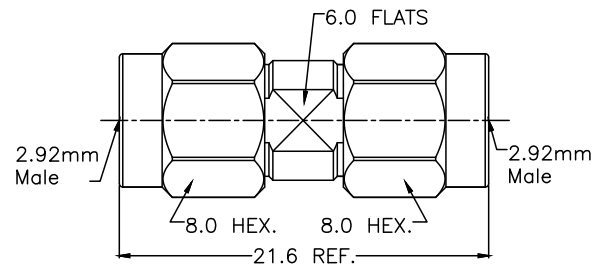
2.92mm to 2.92mm Adapter

2.92mm Male to Male Adapter

Product figure



Scale diagram



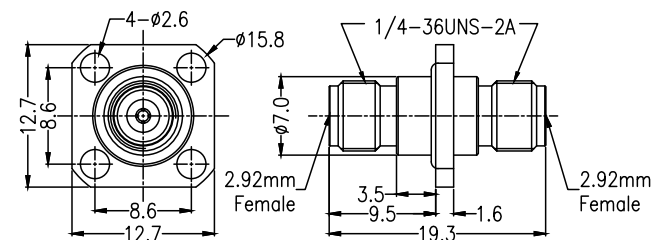
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-104			

2.92mm Female to Female Adapter,4-Hole Flange

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.20	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-084			

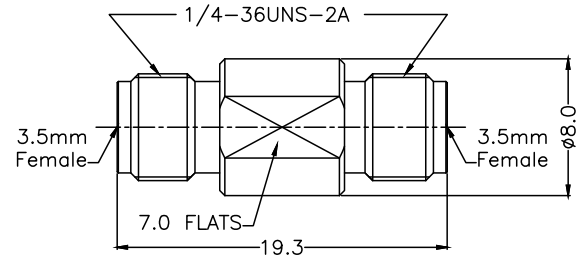
3.5mm to 3.5mm Adapter

3.5mm Female to Female Adapter

Product figure



Scale diagram



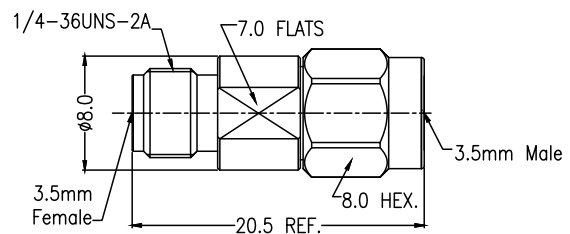
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 33 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.20	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/			
805000-00-107			

3.5mm Male to Female Adapter

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 33 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.20	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-108			

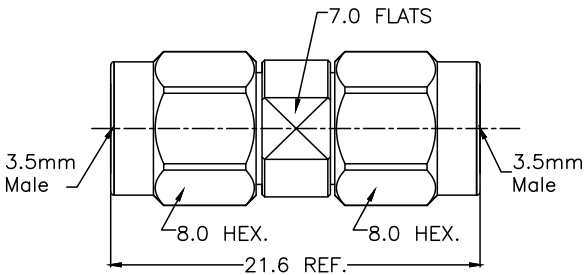
3.5mm to 3.5mm Adapter

3.5mm Male to Male Adapter

Product figure



Scale diagram



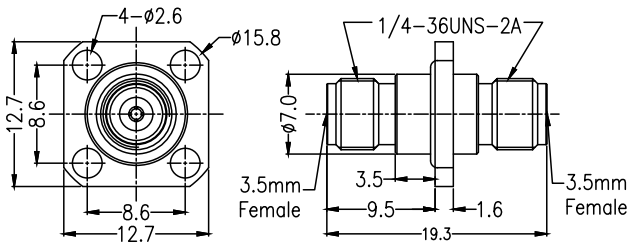
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 33 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.20	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-109			

3.5mm Female to Female Adapter,4-Hole Flange

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 33 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.20	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-110			

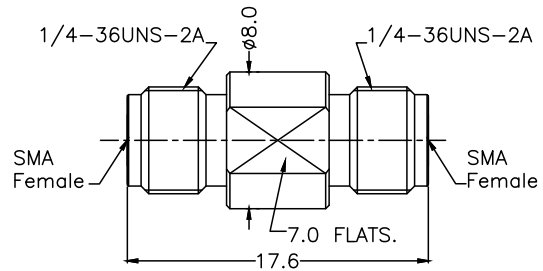
SMAm to SMA Adapter

SMA Female to Female Adapter

Product figure



Scale diagram



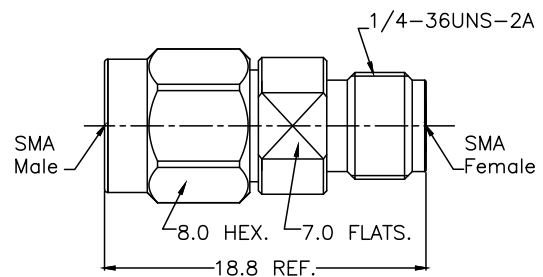
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号			
805000-00-565			

SMA Male to Female Adapter

Product figure



Scale diagram



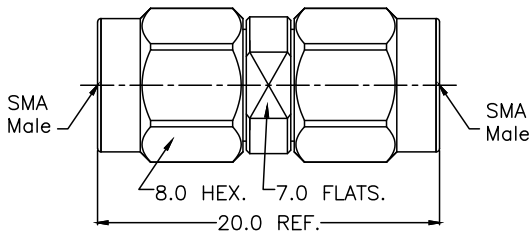
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号			
805000-00-566			

SMA Male to Male Adapter

Product figure



Scale diagram



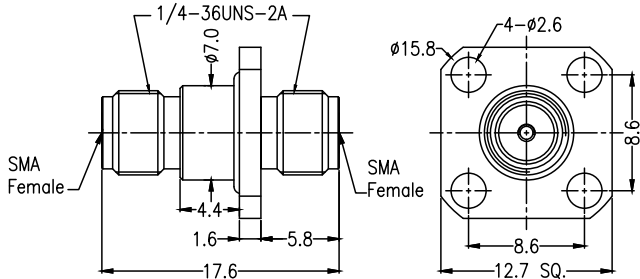
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号			
805000-00-567			

SMA Female to Female Adapter, 4-Hole Flange

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号			
805000-00-568			

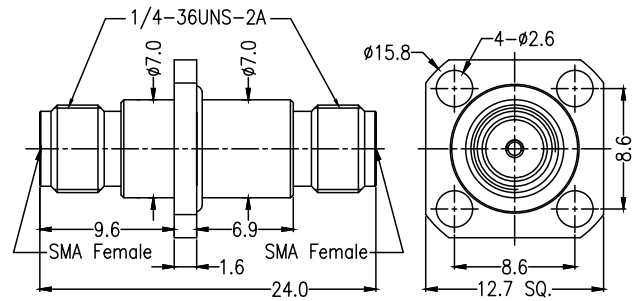
SMAm to SMA Adapter

SMA Female to Female Adapter, 4-Hole Flange

Product figure



Scale diagram



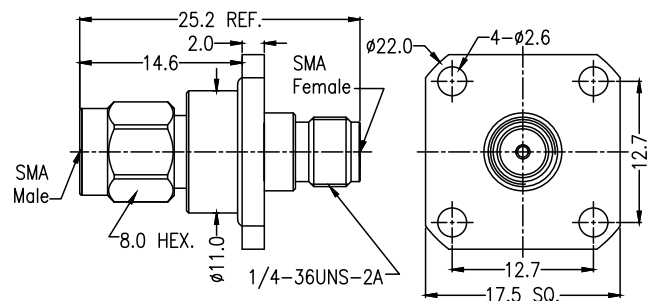
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号			
805000-00-569			

SMA Male to Female Adapter, 4-Hole Flange

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号			
805000-00-570			

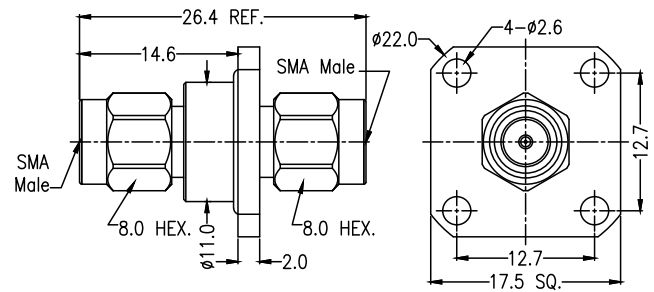
SMAm to SMA Adapter

SMA Male to Male Adapter, 4-Hole Flange

Product figure



Scale diagram



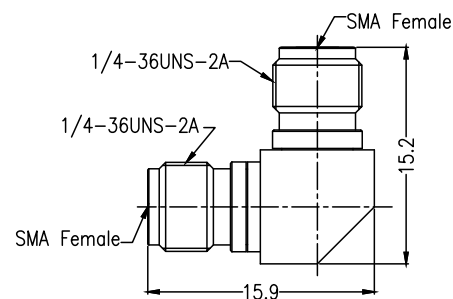
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	> 500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号			
805000-00-571			

SMA Female to SMA Female Right Angle Adapter

Product figu



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.25	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	> 500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号			
805000-00-572			

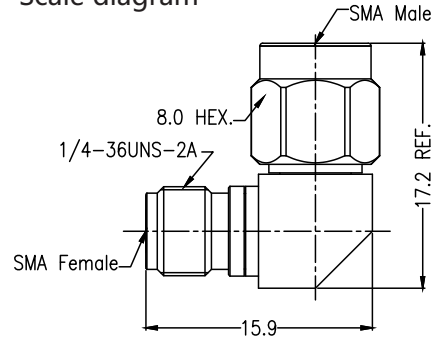
SMAm to SMA Adapter

SMA Female to SMA Male Right Angle Adapter

Product figure



Scale diagram



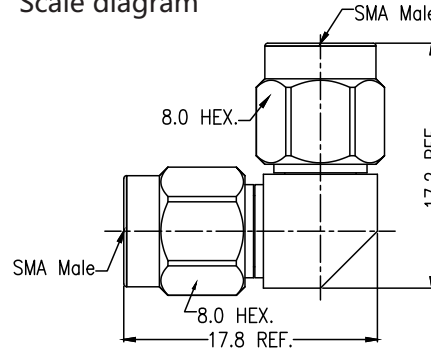
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.25	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号			
805000-00-573			

SMA Male to SMA Male Right Angle Adapter

Product figure



Scale diagram



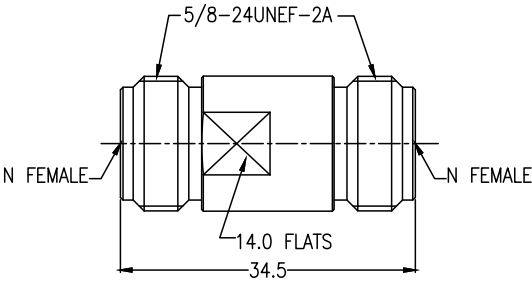
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Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 26.5 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.25	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号			
805000-00-574			

N Type Female to Female Adapter

Product figure



Scale diagram



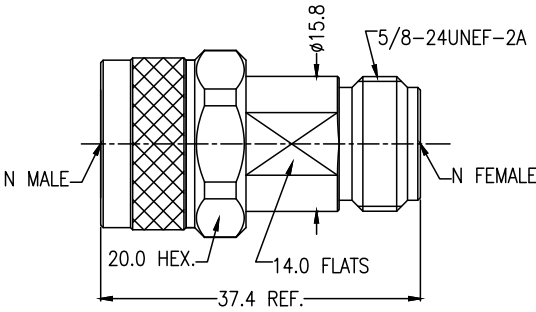
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Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 18 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-556			

N Type Male to Female Adapter

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 18 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-557			

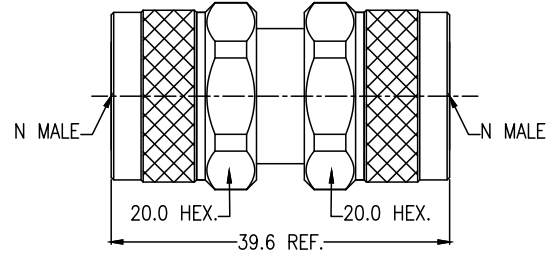
N Type to N Type Adapter

N Type Male to Male Adapter

Product figure



Scale diagram



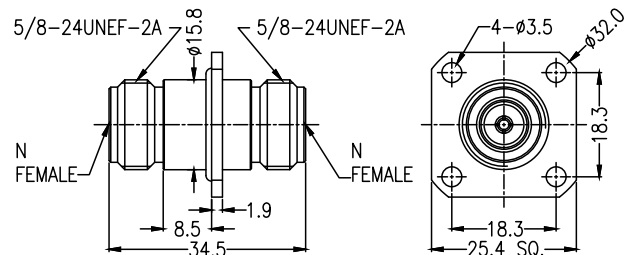
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 18 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-558			

N Type Female to Female Adapter, 4-Hole Flange

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 18 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-559			

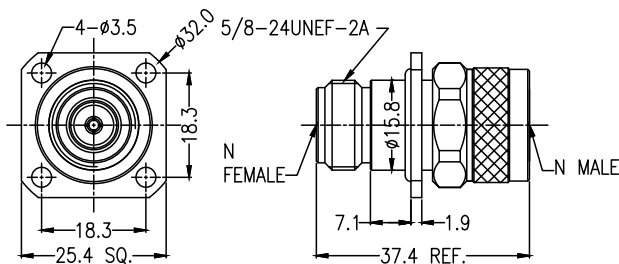
N Type to N Type Adapter

N Type Female to Male Adapter, 4-Hole Flange

Product figure



Scale diagram



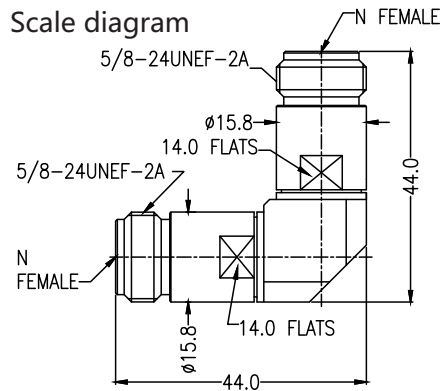
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 18 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-560			

N Female to N Female Right Angle Adapter

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 18 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.25	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-561			

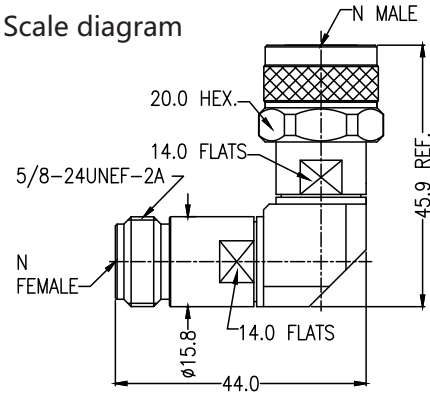
N Type to N Type Adapter

N Female to N Male Right Angle Adapter

Product figure



Scale diagram



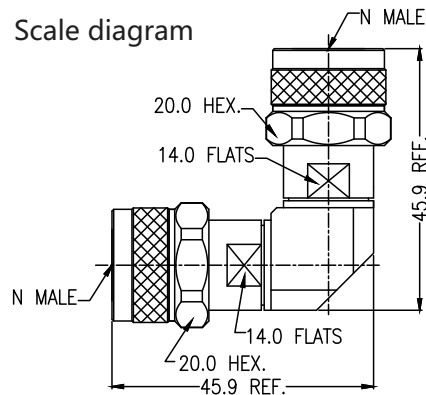
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 18 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.25	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-562			

N Male to N Male Right Angle Adapter

Product figure



Scale diagram



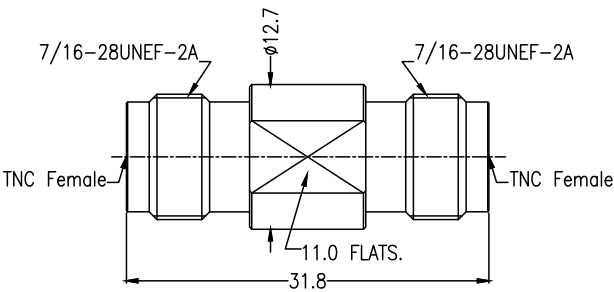
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 18 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.25	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-563			

TNC Female to Female Adapter

Product figure



Scale diagram



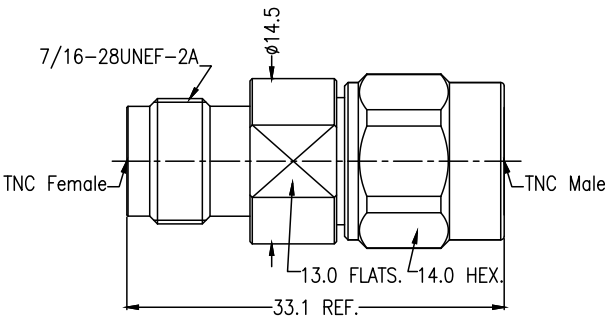
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 11 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号			
805000-00-575			

TNC Male to Female Adapter

Product figure



Scale diagram



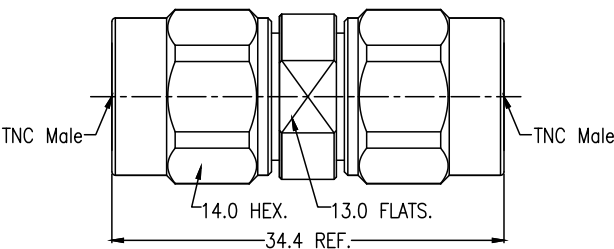
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 11 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号			
805000-00-576			

TNC Male to Male Adapter

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 11 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号			
805000-00-577			

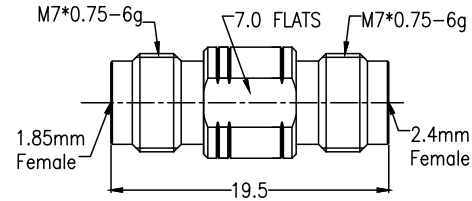
1.85mm to 2.4mm Adapter

1.85mm Female to 2.4mm Female Adapter

Product figure



Scale diagram



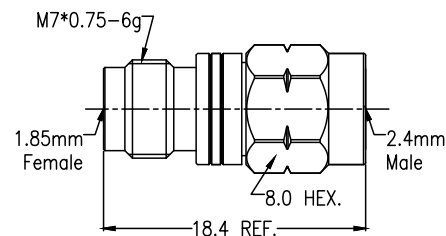
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 50 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.25	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-113			

1.85mm Female to 2.4mm Male Adapter

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 50 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.25	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-116			

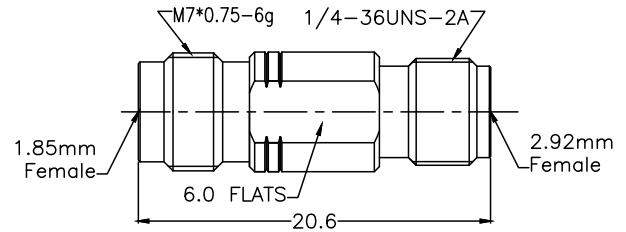
1.85mm to 2.92mm Adapter

1.85mm Female to 2.92mm Female Adapter

Product figure



Scale diagram



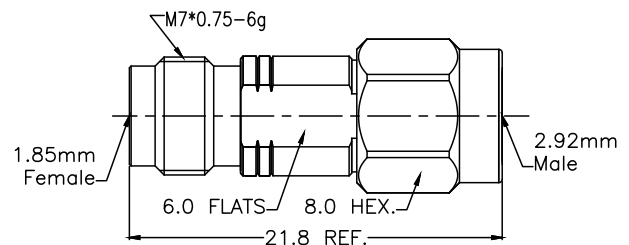
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.20	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-117			

1.85mm Female to 2.92mm Male Adapter

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.20	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-118			

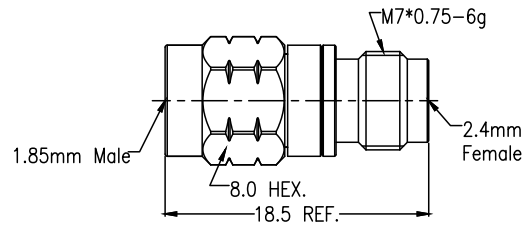
1.85mm to 2.4mm Adapter

1.85mm Male to 2.4mm Female Adapter

Product figure



Scale diagram



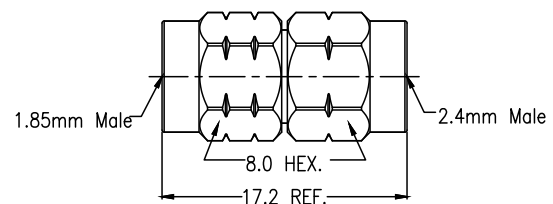
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 50 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.25	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-115			

1.85mm Male to 2.4mm Male Adapter

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 50 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.25	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-114			

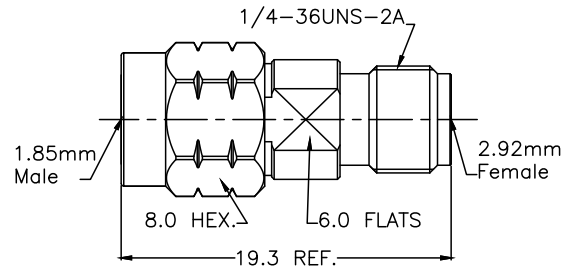
1.85mm to 2.92mm Adapter

1.85mm Male to 2.92mm Female Adapter

Product figure



Scale diagram



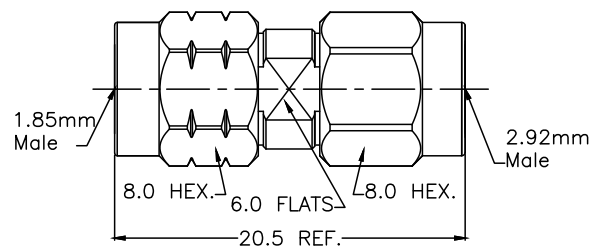
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.20	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-119			

1.85mm Male to 2.92mm Male Adapter

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.20	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-120			

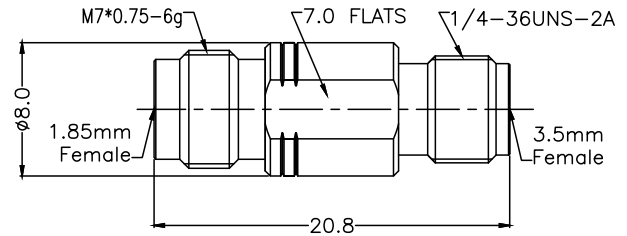
1.85mm to 3.5mm Adapter

1.85mm Female to 3.5mm Female Adapter

Product figure



Scale diagram



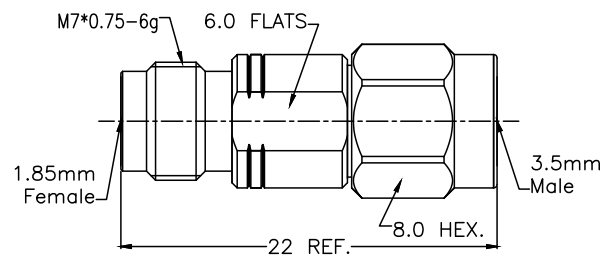
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 33 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.20	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-123			

1.85mm Female to 3.5mm Male Adapter

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 33 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.20	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-124			

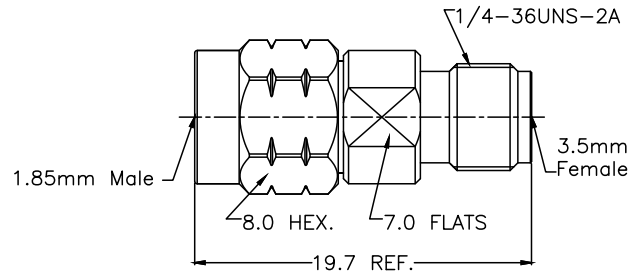
1.85mm to 3.5mm Adapter

1.85mm Male to 3.5mm Female Adapter

Product figure



Scale diagram



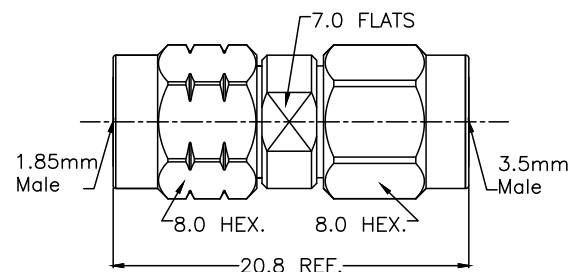
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 33 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.20	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-125			

1.85mm Male to 3.5mm Male Adapter

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 33 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.20	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-126			

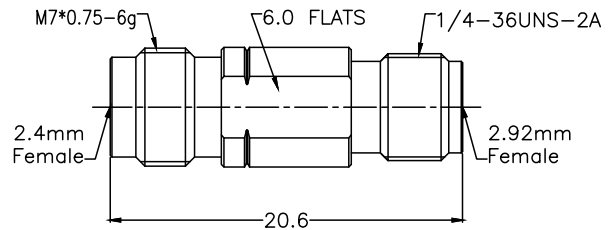
2.4mm to 2.92mm Adapter

2.4mm Female to 2.92mm Female Adapter

Product figure



Scale diagram



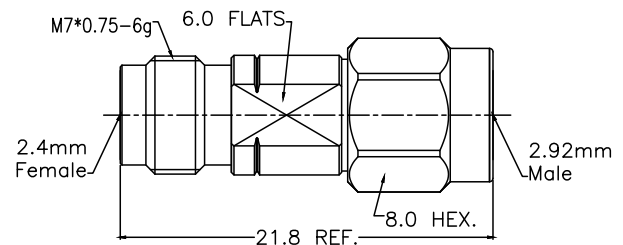
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.20	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-127			

2.4mm Female to 2.92mm Male Adapter

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.20	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-128			

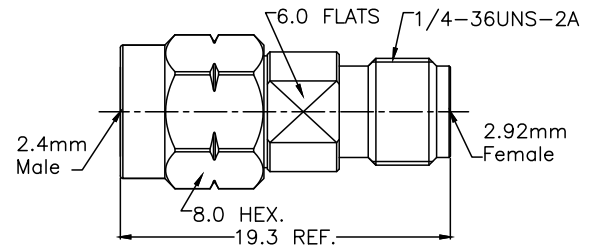
2.4mm to 2.92mm Adapter

2.4mm Male to 2.92mm Female Adapter

Product figure



Scale diagram



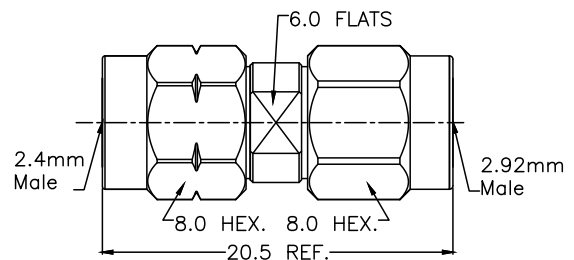
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.20	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-129			

2.4mm Male to 2.92mm Male Adapter

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.20	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-130			

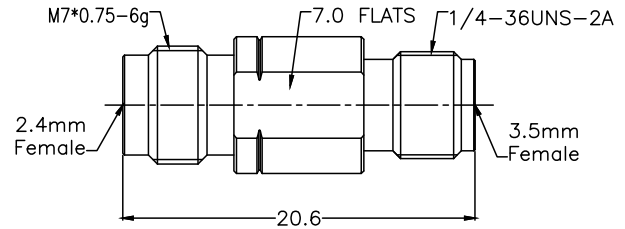
2.4mm to 3.5mm Adapter

2.4mm Female to 3.5mm Female Adapter

Product figure



Scale diagram



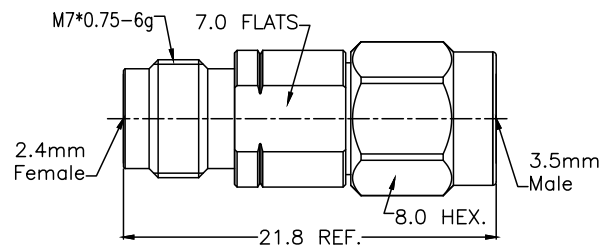
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 33 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.20	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-131			

2.4mm Female to 3.5mm Male Adapter

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 33 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.20	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-132			

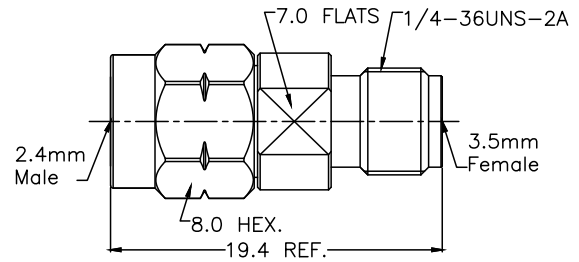
2.4mm to 3.5mm Adapter

2.4mm Male to 3.5mm Female Adapter

Product figure



Scale diagram



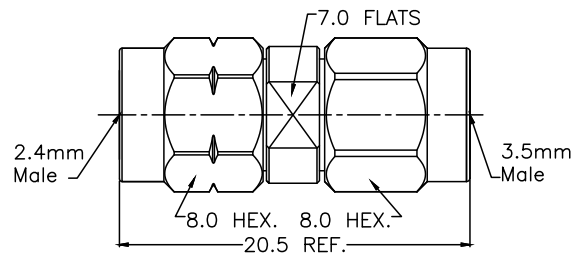
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 33 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.20	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-133			

2.4mm Male to 3.5mm Male Adapter

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 33 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.20	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-134			

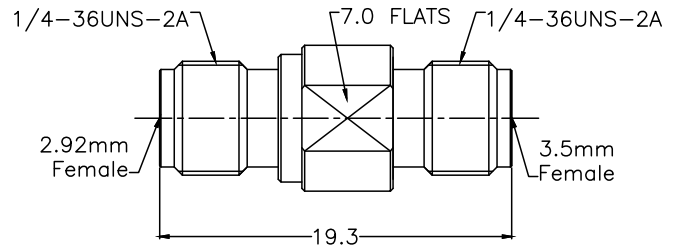
2.92mm to 3.5mm Adapter

2.92mm Female to 3.5mm Female Adapter

Product figure



Scale diagram



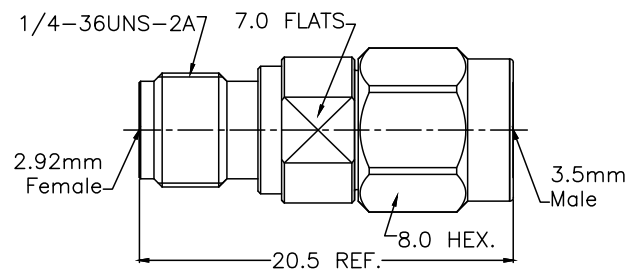
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 33 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.20	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-135			

2.92mm Female to 3.5mm Male Adapter

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 33 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.20	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-136			

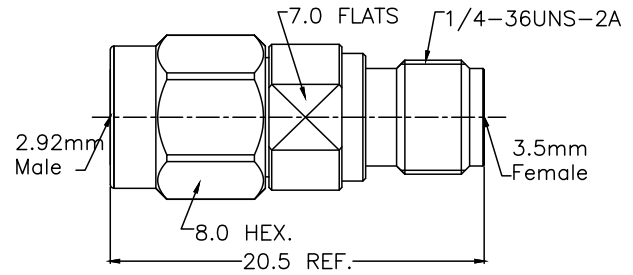
2.92mm to 3.5mm Adapter

2.92mm Male to 3.5mm Female Adapter

Product figure



Scale diagram



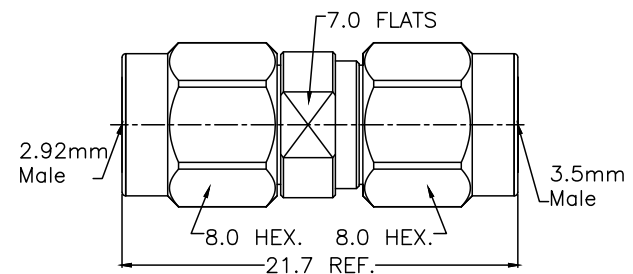
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 33 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.20	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-137			

2.92mm Male to 3.5mm Male Adapter

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 33 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.20	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-138			

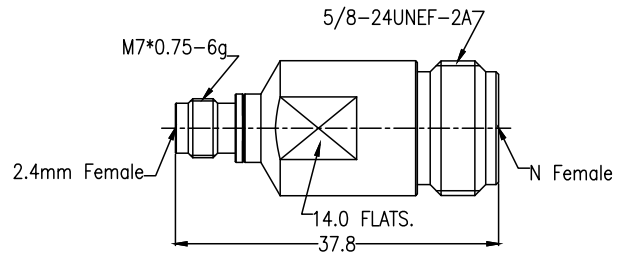
N Type to 2.4mm Adapter

N Type Female to 2.4mm Female Adapter

Product figure



Scale diagram



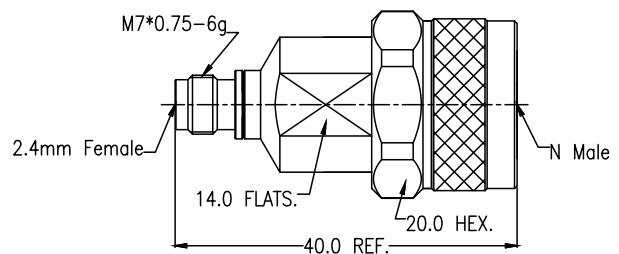
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 18 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-586			

N Type Male to 2.4mm Female Adapter

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 18 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-587			

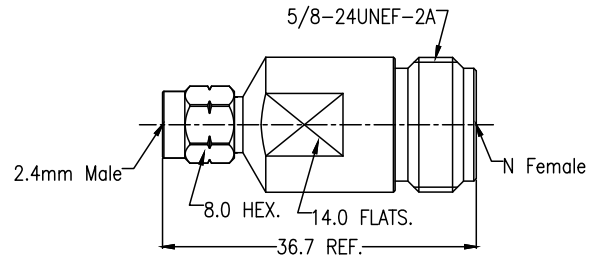
N Type to 2.4mm Adapter

N Type Female to 2.4mm Male Adapter

Product figure



Scale diagram



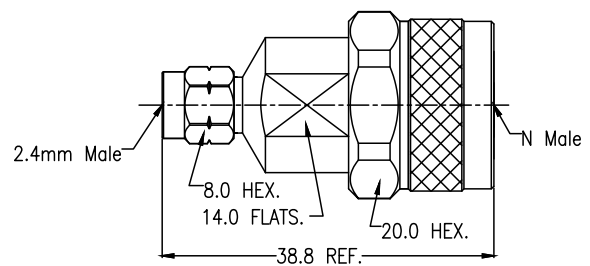
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 18 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-588			

N Type Male to 2.4mm Male Adapter

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 18 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-589			

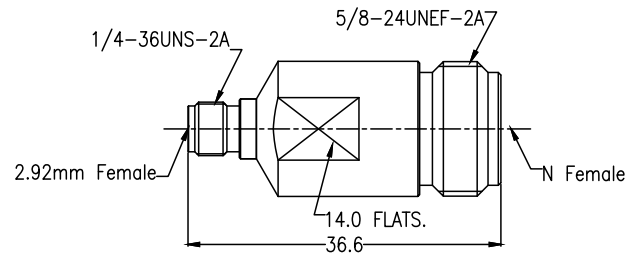
N Type to 2.92mm Adapter

N Type Female to 2.92mm Female Adapter

Product figure



Scale diagram



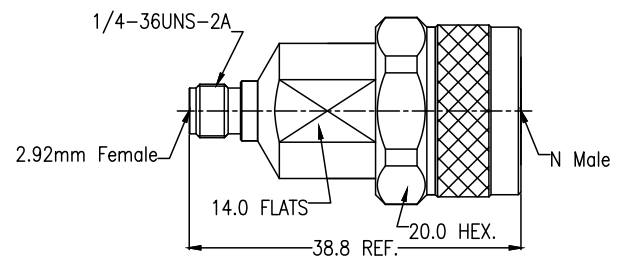
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 18 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-582			

N Type Male to 2.92mm Female Adapter

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 18 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-583			

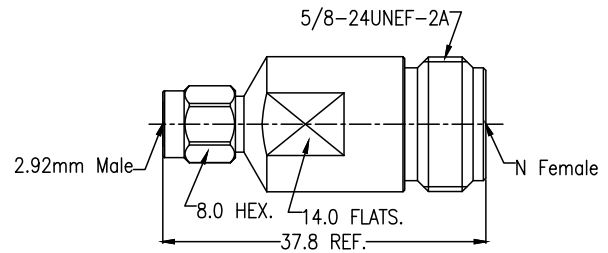
N Type to 2.92mm Adapter

N Type Female to 2.92mm Male Adapter

Product figure



Scale diagram



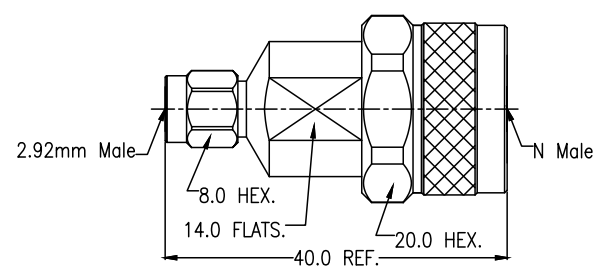
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 18 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-584			

N Type Male to 2.92mm Male Adapter

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 18 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-585			

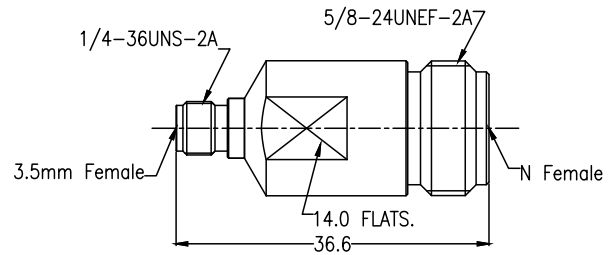
N Type to 3.5mm Adapter

N Type Female to 3.5mm Female Adapter

Product figure



Scale diagram



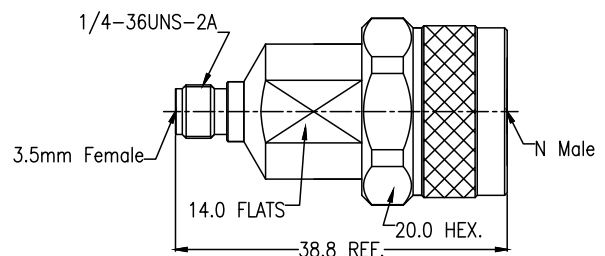
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 18 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-578			

N Type Female to 3.5mm Female Adapter

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 18 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-579			

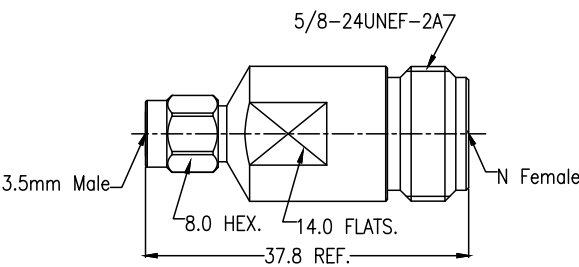
N Type to 3.5mm Adapter

N Type Female to 3.5mm Male Adapter

Product figure



Scale diagram



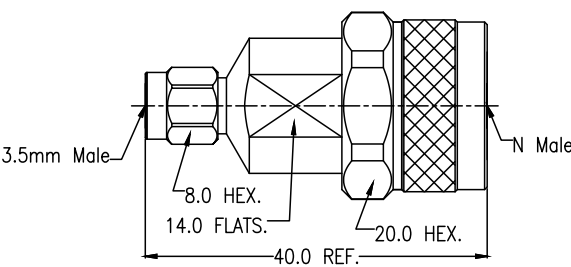
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 18 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-580			

N Type Male to 3.5mm Male Adapter

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 18 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-581			

N Type to SMA Adapter

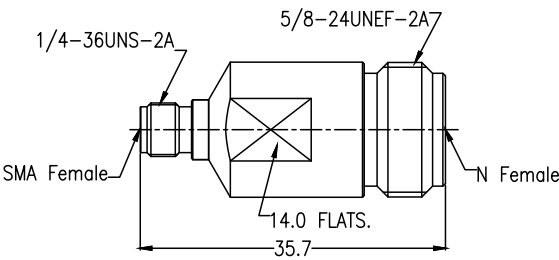


N Type Female to SMA Female Adapter

Product figure



Scale diagram



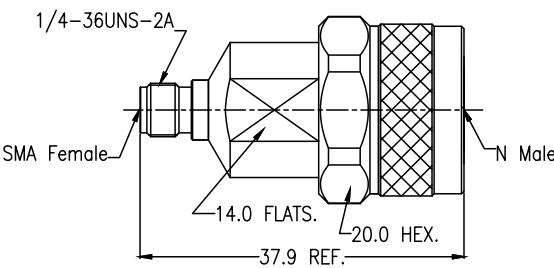
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 18 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-598			

N Type Male to SMA Female Adapter

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 18 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-599			

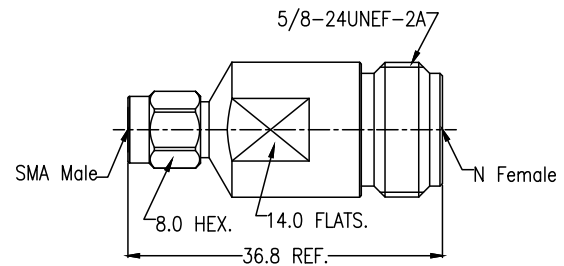
N Type to SMA Adapter

N Type Female to SMA Male Adapter

Product figure



Scale diagram



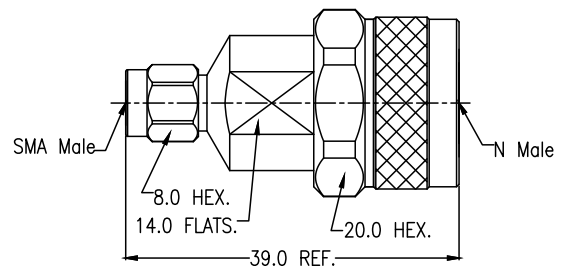
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 18 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-600			

N Type Male to SMA Male Adapter

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 18 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-601			

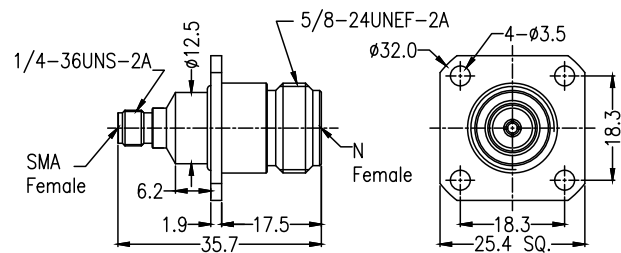
N Type to SMA Adapter

N Type Female to SMA Female Adapter, 4-Hole Flange

Product figure



Scale diagram



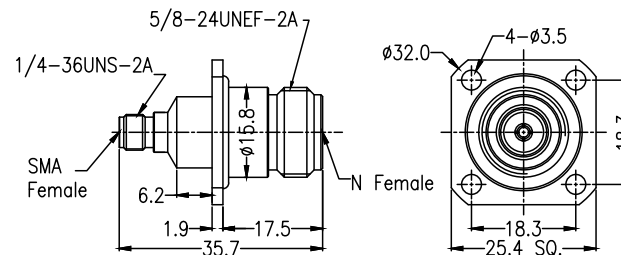
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 18 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-602			

N Type Female to SMA Female Adapter, 4-Hole Flange

Product figure



Scale diagram



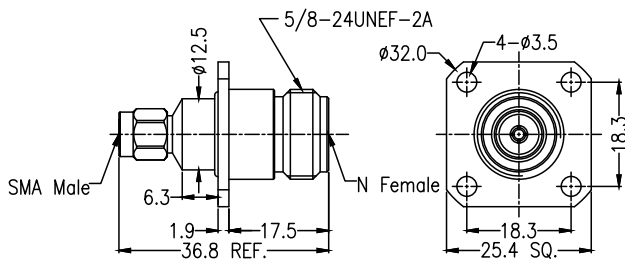
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 18 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-603			

N Type Female to SMA Male Adapter, 4-Hole Flange

Product figure



Scale diagram



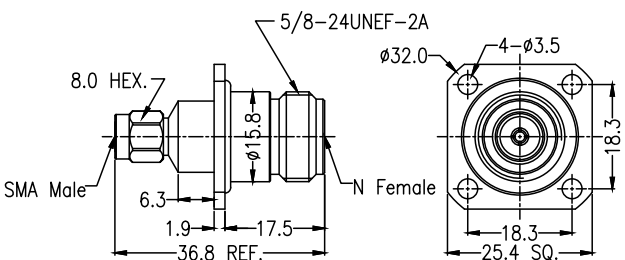
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 18 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-604			

N Type Female to SMA Male Adapter, 4-Hole Flange

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 18 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-605			

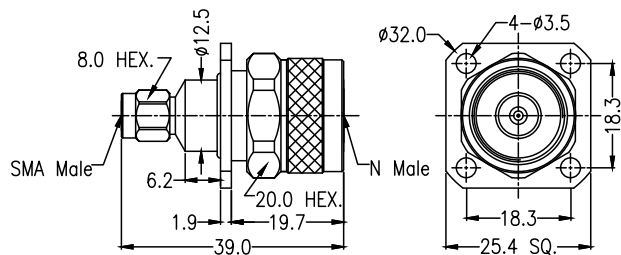
N Type to SMA Adapter

N Type Male to SMA Male Adapter, 4-Hole Flange

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 18 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	> 500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-606			

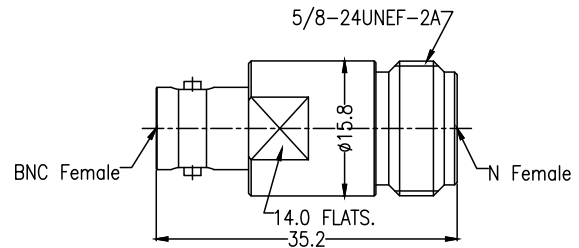
N Type to BNC Adapter

N Type Female to BNC Female Adapter

Product figure



Scale diagram



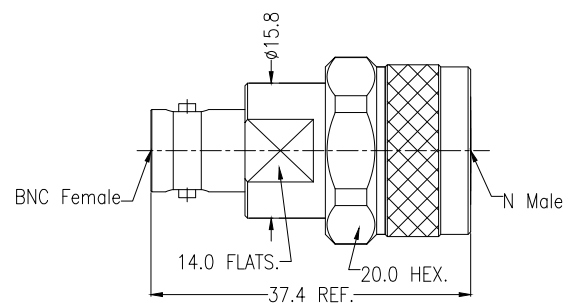
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 8 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号			
805000-00-590			

N Type Male to BNC Female Adapter

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 8 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号			
805000-00-591			

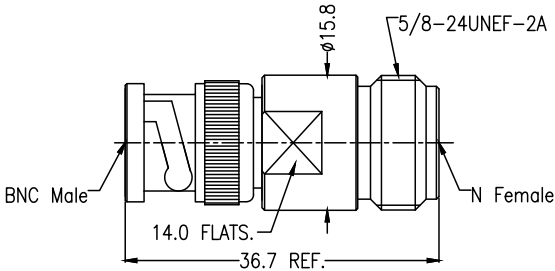
N Type to BNC Adapter

N Type Female to BNC Male Adapter

Product figure



Scale diagram



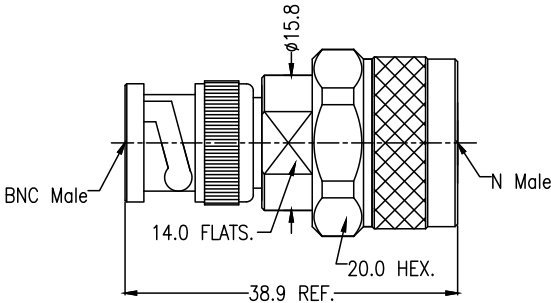
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 8 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号			
805000-00-592			

N Type Male to BNC Male Adapter

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 8 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号			
805000-00-593			

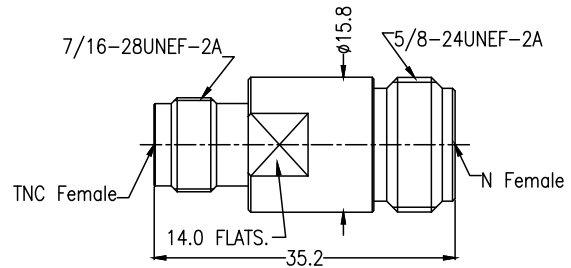
N Type to TNC Adapter

N Type Female to TNC Female Adapter

Product figure



Scale diagram



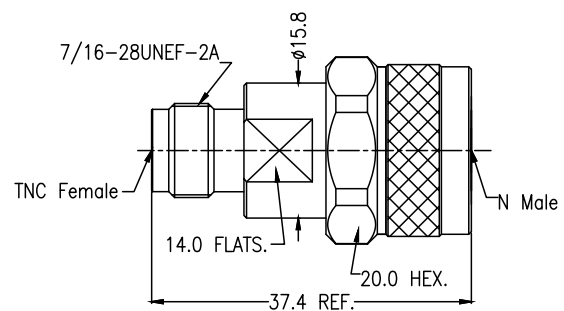
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 11 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号			
805000-00-594			

N Type Male to TNC Female Adapter

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 11 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号			
805000-00-595			

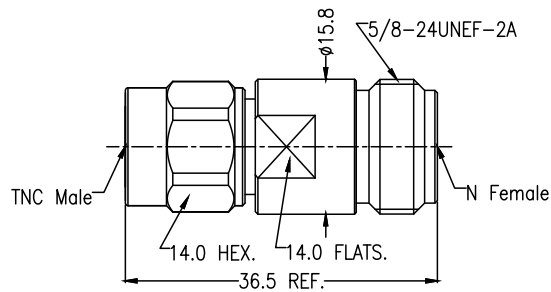
N Type to TNC Adapter

N Type Female to TNC Male Adapter

Product figure



Scale diagram



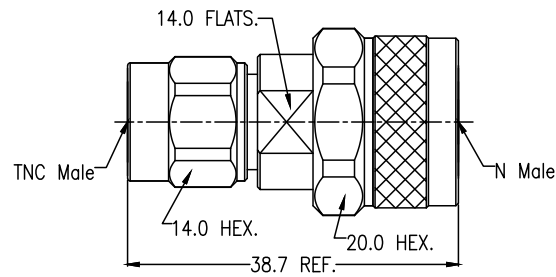
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 11 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号			
805000-00-596			

N Type Male to TNC Male Adapter

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 11 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号			
805000-00-597			

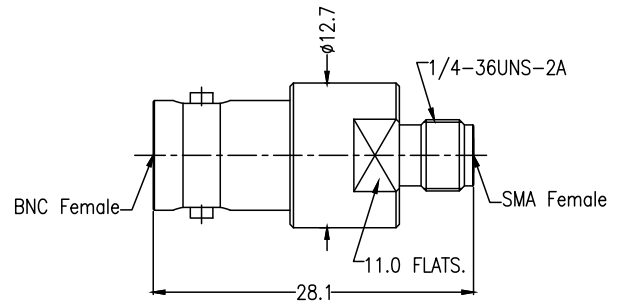
SMA to BNC Adapter

SMA Female to BNC Female Adapter

Product figure



Scale diagram



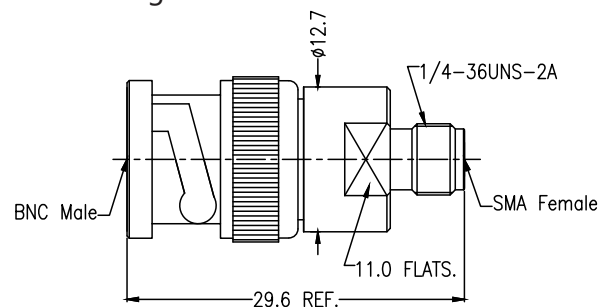
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 8 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号			
805000-00-607			

SMA Female to BNC Male Adapter

Product figure



Scale diagram



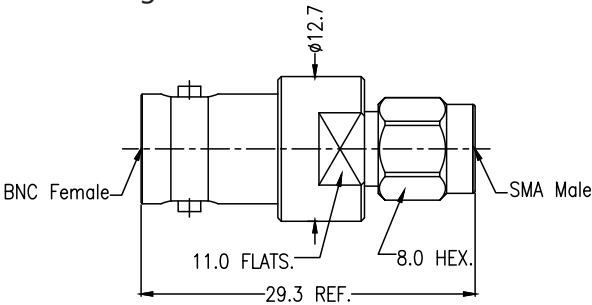
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 8 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号			
805000-00-608			

SMA Male to BNC Female Adapter

Product figure



Scale diagram



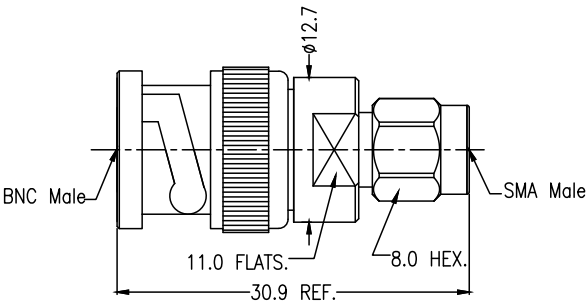
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 8 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号			
805000-00-609			

SMA Male to BNC Male Adapter

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 8 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号			
805000-00-610			

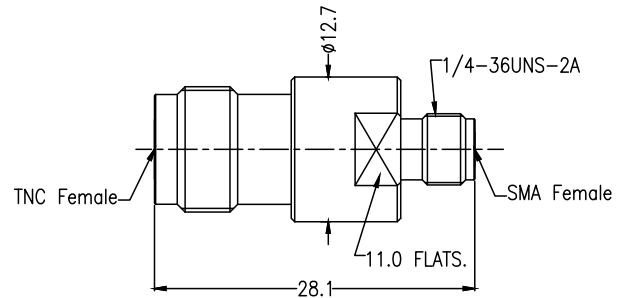
SMA to TNC Adapter

SMA Female to TNC Female Adapter

Product figure



Scale diagram



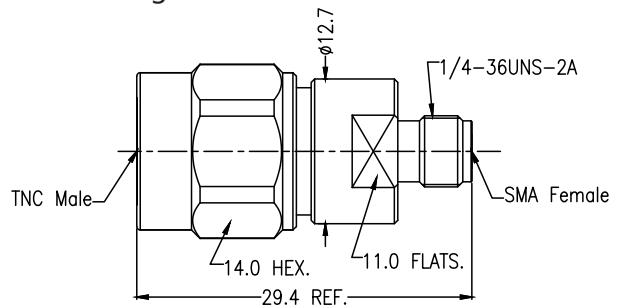
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 11 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号			
805000-00-611			

SMA Female to TNC Male Adapter

Product figure



Scale diagram



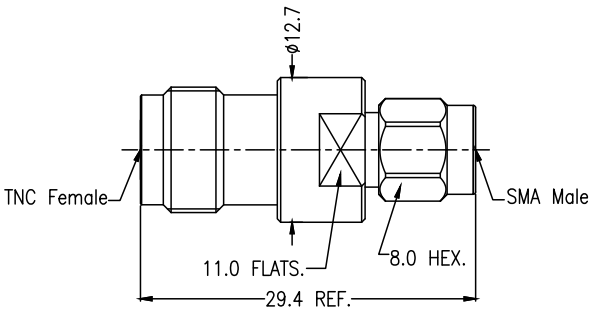
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 11 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号			
805000-00-612			

SMA Male to TNC Female Adapter

Product figure



Scale diagram



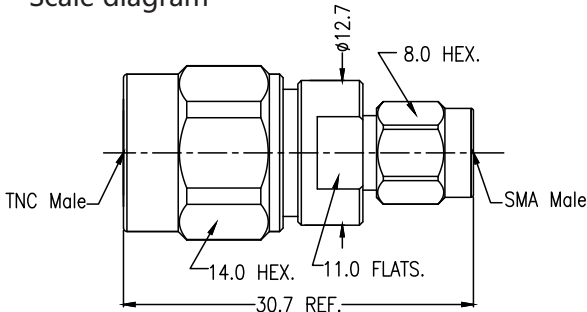
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 11 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号			
805000-00-613			

SMA Male to TNC Male Adapter

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 11 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : PTFE ASTM-D-1710	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号			
805000-00-614			

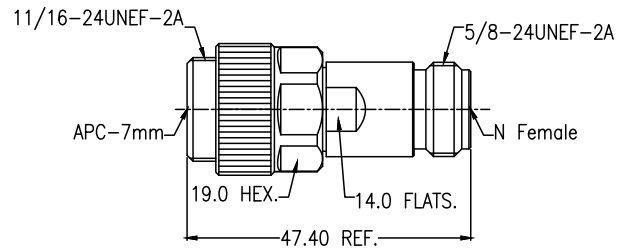
APC-7mm to N Type Adapter

APC-7mm to N Type Female Adapter

Product figure



Scale diagram



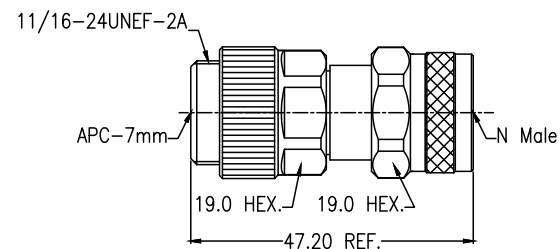
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 18 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-174			

APC-7mm to N Type Male Adapter

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 18 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.15	Insulator : ULTEM 1000/PEI	N/A
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-175			

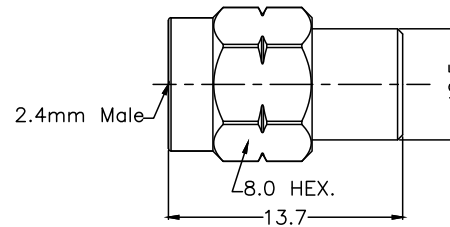
2.4mm Termination

2.4mm Male Termination

Product figure



Scale diagram



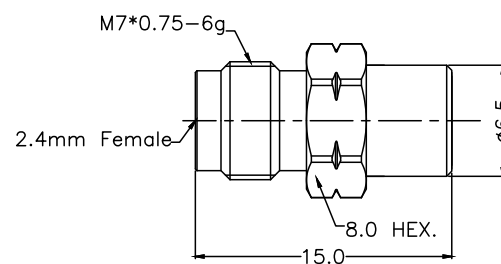
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.25	Insulator : ULTEM 1000/PEI	N/A
Average power/平均功率	≤0.5W		
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-168			

2.4mm Female Termination

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.25	Insulator : ULTEM 1000/PEI	N/A
Average power/平均功率	≤0.5W		
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-169			

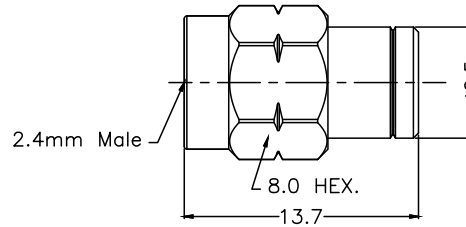
2.4mm Termination

2.4mm Male Termination

Product figure



Scale diagram



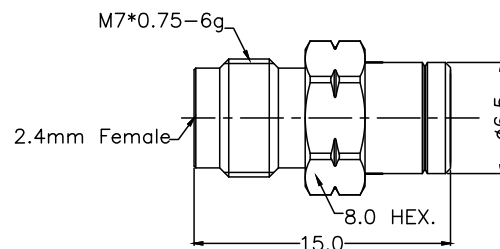
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Average power/平均功率	≤1W		
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-170			

2.4mm Female Termination

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Average power/平均功率	≤1W		
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-171			

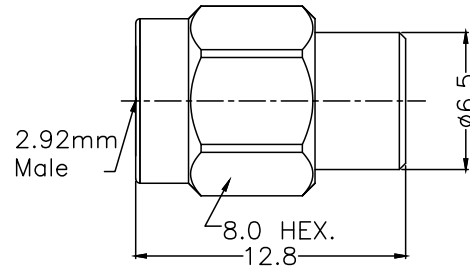
2.92mm Termination

2.92mm Male Termination

Product figure



Scale diagram



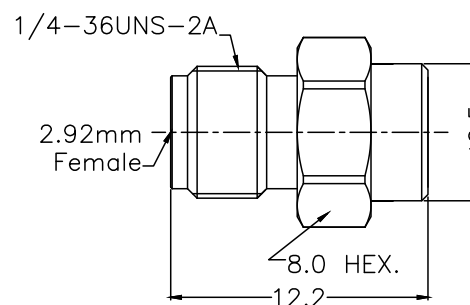
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Average power/平均功率	≤0.5W		
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-164			

2.92mm Female Termination

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Average power/平均功率	≤0.5W		
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-165			

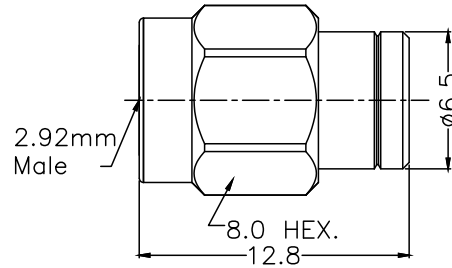
2.92mm Termination

2.92mm Male Termination

Product figure



Scale diagram



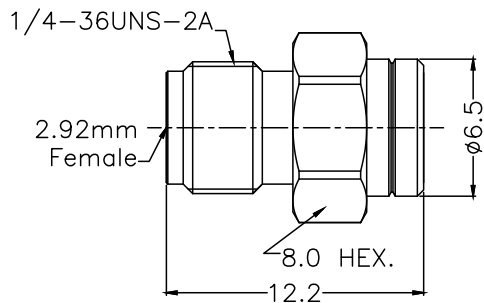
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Average power/平均功率	≤1W		
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-166			

2.92mm Female Termination

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 40 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Average power/平均功率	≤1W		
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-167			

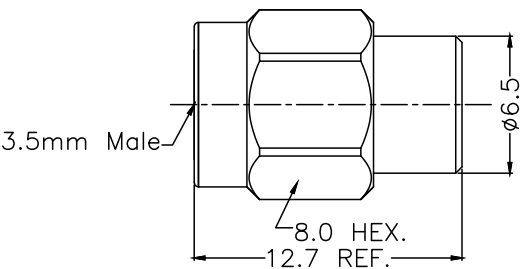
3.5mm Termination

3.5mm Male Termination

Product figure



Scale diagram



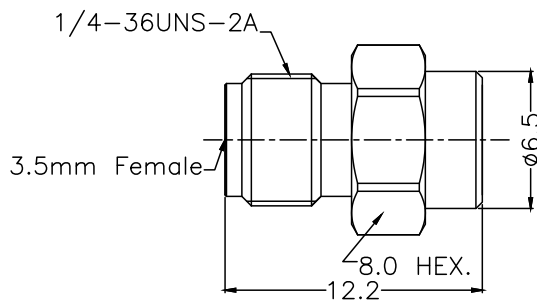
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 27 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.20	Insulator : ULTEM 1000/PEI	N/A
Average power/平均功率	≤1W		
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-160			

3.5mm Female Termination

Product figure



Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 27 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.20	Insulator : ULTEM 1000/PEI	N/A
Average power/平均功率	≤1W		
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-161			

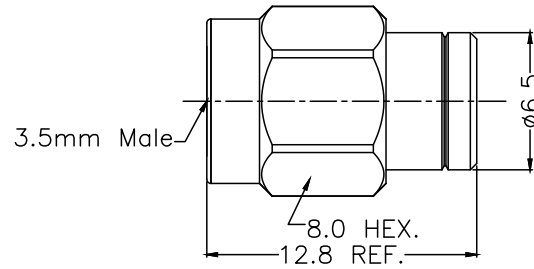
3.5mm Termination

3.5mm Male Termination

Product figure



Scale diagram



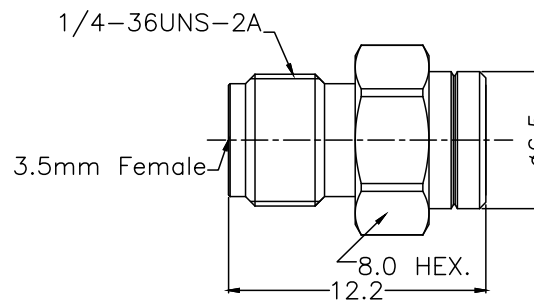
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 27 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Average power/平均功率	≤2W		
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-162			

3.5mm Female Termination

Product figure



Scale diagram



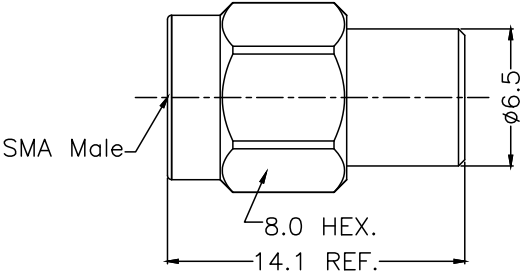
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 27 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Average power/平均功率	≤2W		
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-163			

SMA Male Termination

Product figure



Scale diagram



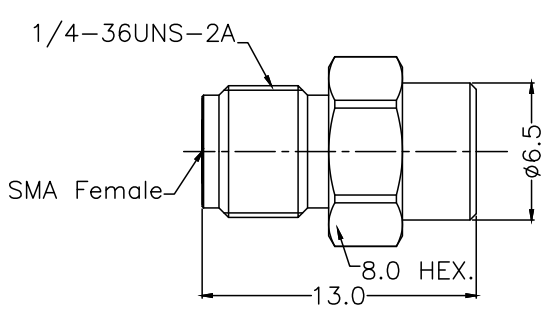
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 18 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.20	Insulator : PTFE	N/A
Average power/平均功率	≤1W		
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号			
805000-00-158			

SMA Female Termination

Product figure



Scale diagram



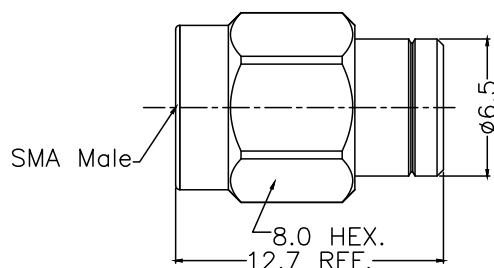
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 18 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.20	Insulator : PTFE	N/A
Average power/平均功率	≤1W		
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号			
805000-00-156			

SMA Male Termination

Product figure



Scale diagram



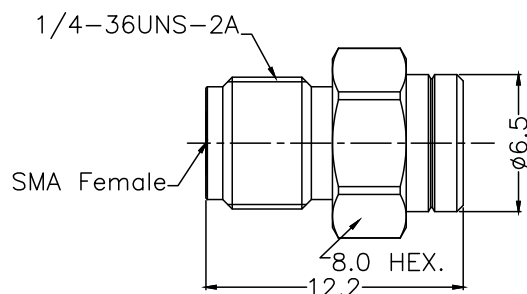
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 18 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : PTFE	N/A
Average power/平均功率	$\leq 2W$		
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号			
805000-00-159			

SMA Female Termination

Product figure



Scale diagram



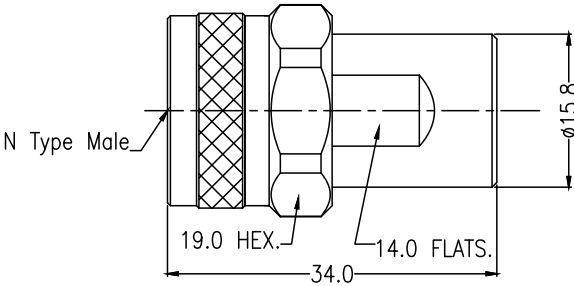
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 18 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : PTFE	N/A
Average power/平均功率	$\leq 2W$		
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-65°C to +165°C		
Order No/订货号			
805000-00-157			

N Type Male Termination

Product figure



Scale diagram



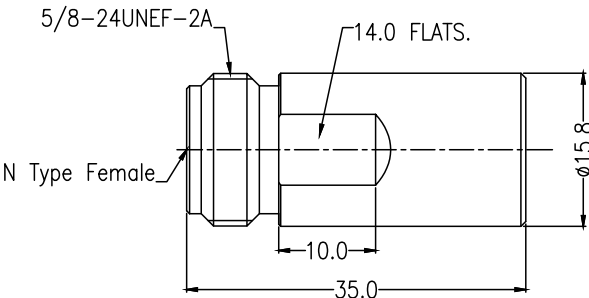
Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 18 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Average power/平均功率	≤2W		
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-154			

N Type Female Termination

Product figure

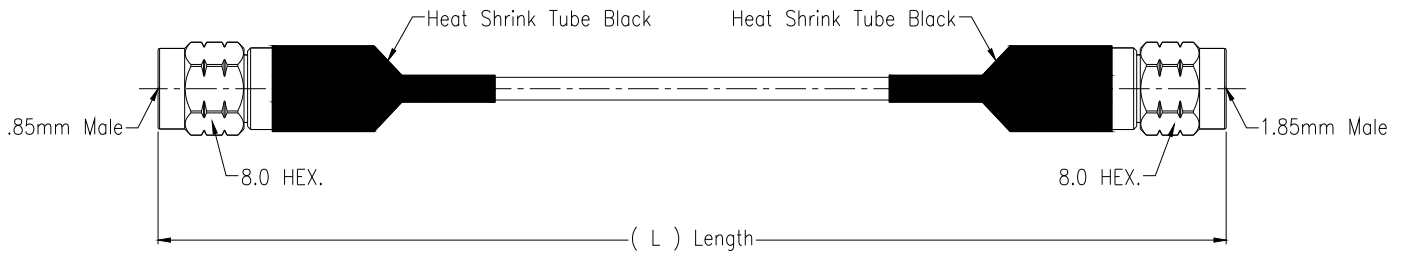


Scale diagram



Specification/技术参数		Materials and plating/材质与电镀	
Impedance/特性阻抗	50 ohm	Body : Stainless steel	Passivation
Frequency range/频率范围	DC to 18 GHz	Contact pin : Beryllium copper	Plating 30u" gold
VSWR/电压驻波比	<1.30	Insulator : ULTEM 1000/PEI	N/A
Average power/平均功率	≤2W		
Durability/耐久性	>500 cycles		
Temperature range/温度范围	-40°C to +85°C		
Order No/订货号			
805000-00-155			

1.85mm Male to 1.85mm Male



Materials and plating/材质与电镀

Description/描述	Materials/材质	Plating/电镀
Body/主体	Stainless steel/不锈钢	Passivation/钝化
Contact pin/中心针	Beryllium copper/铍青铜	Plating 30u" gold/镀金 30u"
Insulator/绝缘体	UNFILLED ULTEM 1000 PEI	N/A

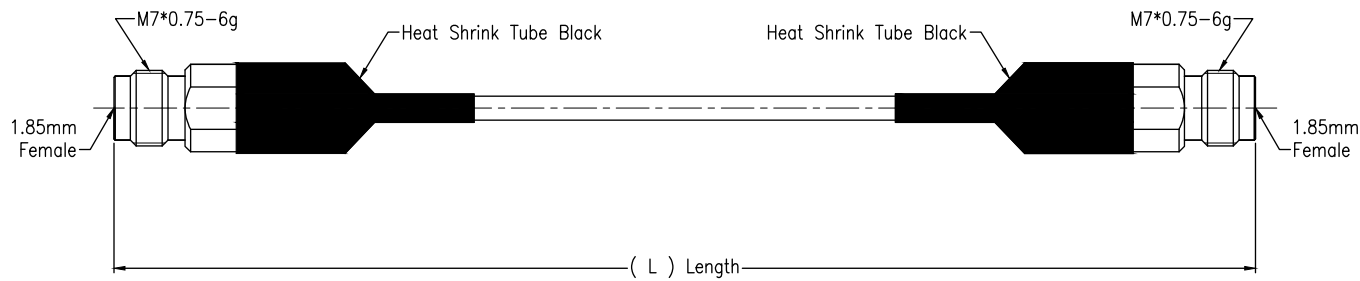
Specification/技术参数

Connector Specification/连接器规格		Cable Specification/电缆规格	
Impedance/特性阻抗	50 ohm	Cable/电缆	SLR-670
Frequency range/频率范围	DC to 67 GHz	Velocity of Propagation/传播速率	74%
Voltage rating/工作电压	150 V(rms)	Shielding Effectiveness/屏蔽效率	>90 dB
Dielectric withstanding voltage/介质耐压	> 500 V	Mechanical Phase/弯曲相位	±5°@67GHz
Center contact resistance/中心接触电阻	<4.0mΩ	Temperature Phase/温度相位	1100PPM(-55-85)
Outer contact resistance/外接触电阻	<2.5mΩ	Amplitude Stability/幅度稳定	±0.05dB@67GHz
Insulation resistance/绝缘电阻	> 5000MΩ	Bend Radius:installation	11mm
VSWR/电压驻波比	<1.30 @ DC~40GHz	Bend Radius:repeated	28mm
	<1.40 @ 40~67GHz	Weight/重量	20g/m
Mechanical parameters/机械性能			
Center contact retention force/中心针保持力	> 20 N		
Coupling test torque/测试耦合扭矩	1.65 Nm		
Recommended torque/推荐扭矩	0.8 Nm to 1.10 Nm		
Durability/耐久性	> 500 cycles		
Environmental parameters/环境参数			
Temperature range/温度范围	-40°C to +125°C		

Order No/订货号	Length(mm)	Insulation loss(dB/GHz)			
		6	26.5	40	67
805001-00-020	500±20	<1.11	<2.43	<3.04	<4.05
805001-00-021	1000±30	<1.92	<4.25	<5.33	<7.12
805001-00-022	1500±40	<2.74	<6.06	<7.61	<10.2
805001-00-023	2000±50	<3.55	<7.88	<9.90	<13.3

Calculate Attenuation/衰减计算: $IL(dB) = (1.95 * F \sqrt{Hz}) + (0.00145 * F \text{ Mhz}) / 100 / 1000 * L(\text{Meter}) * 1.02 + (F \text{ GHz} * Q \sqrt{12})$

1.85mm Female to 1.85mm Female



Materials and plating/材质与电镀

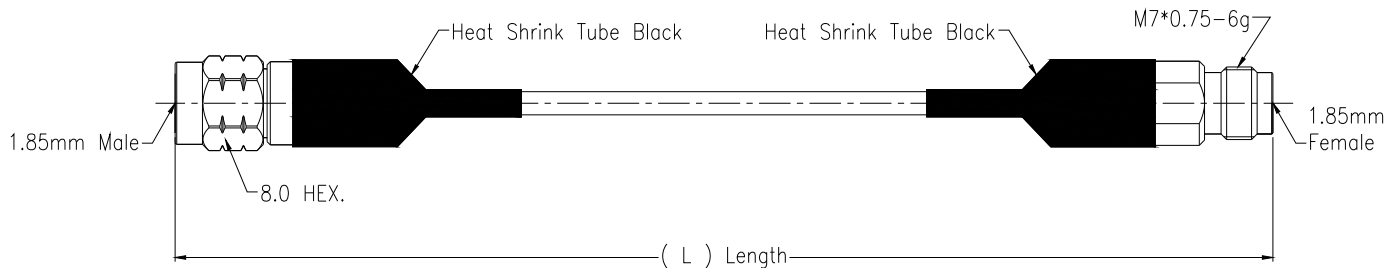
Description/描述	Materials/材质	Plating/电镀
Body/主体	Stainless steel/不锈钢	Passivation/钝化
Contact pin/中心针	Beryllium copper/铍青铜	Plating 30u" gold/镀金 30u"
Insulator/绝缘体	UNFILLED ULTEM 1000 PEI	N/A

Specification/技术参数

Connector Specification/连接器规格		Cable Specification/电缆规格	
Impedance/特性阻抗	50 ohm	Cable/电缆	SLR-670
Frequency range/频率范围	DC to 67 GHz	Velocity of Propagation/传播速率	74%
Voltage rating/工作电压	150 V(rms)	Shielding Effectiveness/屏蔽效率	>90 dB
Dielectric withstanding voltage/介质耐压	>500 V	Mechanical Phase/弯曲相位	±5°@67GHz
Center contact resistance/中心接触电阻	<4.0mΩ	Temperature Phase/温度相位	1100PPM(-55-85)
Outer contact resistance/外接触电阻	<2.5mΩ	Amplitude Stability/幅度稳定	±0.05dB@67GHz
Insulation resistance/绝缘电阻	>5000MΩ	Bend Radius:installation	11mm
VSWR/电压驻波比	<1.30 @ DC~40GHz	Bend Radius:repeated	28mm
	<1.40 @ 40~67GHz	Weight/重量	20g/m
Mechanical parameters/机械性能			
Center contact retention force/中心针保持力	>20 N		
Coupling test torque/测试耦合扭矩	1.65 Nm		
Recommended torque/推荐扭矩	0.8 Nm to 1.10 Nm		
Durability/耐久性	>500 cycles		
Environmental parameters/环境参数			
Temperature range/温度范围	-40℃ to +125℃		

Order No/订货号	Length(mm)	Insulation loss(dB/GHz)			
		6	26.5	40	67
805001-00-024	500±20	<1.11	<2.43	<3.04	<4.05
805001-00-025	1000±30	<1.92	<4.25	<5.33	<7.12
805001-00-026	1500±40	<2.74	<6.06	<7.61	<10.2
805001-00-027	2000±50	<3.55	<7.88	<9.90	<13.3
Calculate Attenuation/衰减计算: IL(dB)= (1.95* F M/hz)+(0.00145*F Mhz)/100 /1000*L(Meter)*1.02+(F GHz*Q/12)					

1.85mm Male to 1.85mm Female



Materials and plating/材质与电镀

Description/描述	Materials/材质	Plating/电镀
Body/主体	Stainless steel/不锈钢	Passivation/钝化
Contact pin/中心针	Beryllium copper/铍青铜	Plating 30u" gold/镀金 30u"
Insulator/绝缘体	UNFILLED ULTEM 1000 PEI	N/A

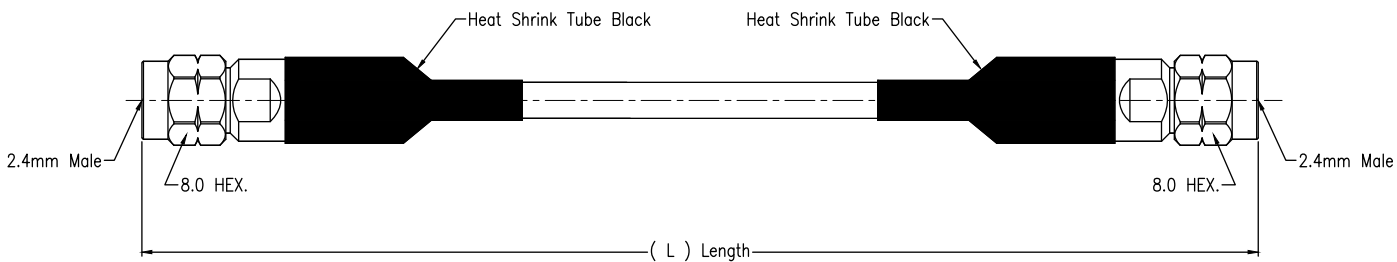
Specification/技术参数

Connector Specification/连接器规格		Cable Specification/电缆规格	
Impedance/特性阻抗	50 ohm	Cable/电缆	SLR-670
Frequency range/频率范围	DC to 67 GHz	Velocity of Propagation/传播速率	74%
Voltage rating/工作电压	150 V(rms)	Shielding Effectiveness/屏蔽效率	>90 dB
Dielectric withstanding voltage/介质耐压	>500 V	Mechanical Phase/弯曲相位	±5°@67GHz
Center contact resistance/中心接触电阻	<4.0mΩ	Temperature Phase/温度相位	1100PPM(-55-85)
Outer contact resistance/外接触电阻	<2.5mΩ	Amplitude Stability/幅度稳定	±0.05dB@67GHz
Insulation resistance/绝缘电阻	>5000MΩ	Bend Radius:installation	11mm
VSWR/电压驻波比	<1.30 @ DC~40GHz	Bend Radius:repeated	28mm
	<1.40 @ 40~67GHz	Weight/重量	20g/m
Mechanical parameters/机械性能			
Center contact retention force/中心针保持力	>20 N		
Coupling test torque/测试耦合扭矩	1.65 Nm		
Recommended torque/推荐扭矩	0.8 Nm to 1.10 Nm		
Durability/耐久性	>500 cycles		
Environmental parameters/环境参数			
Temperature range/温度范围	-40°C to +125°C		

Order No/订货号	Length(mm)	Insulation loss(dB/GHz)			
		6	26.5	40	67
805001-00-028	500±20	<1.11	<2.43	<3.04	<4.05
805001-00-029	1000±30	<1.92	<4.25	<5.33	<7.12
805001-00-030	1500±40	<2.74	<6.06	<7.61	<10.2
805001-00-031	2000±50	<3.55	<7.88	<9.90	<13.3

Calculate Attenuation/衰减计算: $IL(dB) = (1.95 * \sqrt{F \text{ (MHz)}} + (0.00145 * F \text{ (MHz)}) / 100) / 1000 * L(\text{Meter}) * 1.02 + (F \text{ (GHz)} * \sqrt{Q/12})$

2.4mm Male to 2.4mm Male



Materials and plating/材质与电镀

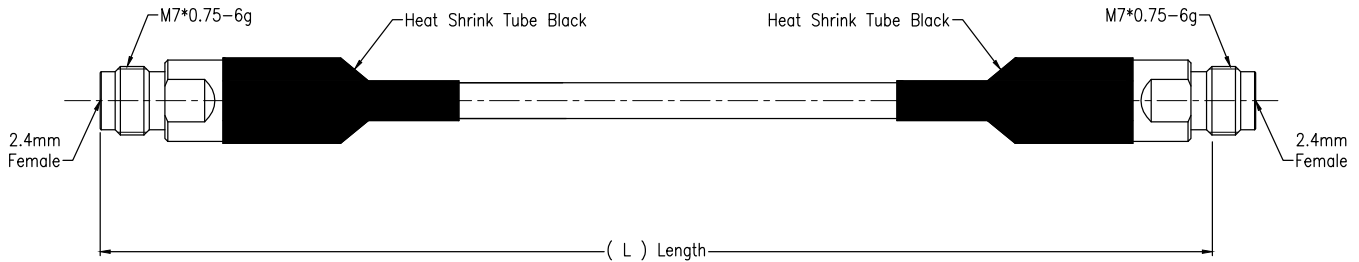
Description/描述	Materials/材质	Plating/电镀
Body/主体	Stainless steel/不锈钢	Passivation/钝化
Contact pin/中心针	Beryllium copper/铍青铜	Plating 30u" gold/镀金 30u"
Insulator/绝缘体	UNFILLED ULTEM 1000 PEI	N/A

Specification/技术参数

Connector Specification/连接器规格		Cable Specification/电缆规格	
Impedance/特性阻抗	50 ohm	Cable/电缆	STA-142
Frequency range/频率范围	DC to 40 GHz	Velocity of Propagation/传播速率	83%
Voltage rating/工作电压	150 V(rms)	Shielding Effectiveness/屏蔽效率	>90 dB
Dielectric withstanding voltage/介质耐压	>500 V	Mechanical Phase/弯曲相位	±5°@40GHz
Center contact resistance/中心接触电阻	<4.0mΩ	Temperature Phase/温度相位	750PPM(-40-100)
Outer contact resistance/外接触电阻	<2.5mΩ	Amplitude Stability/幅度稳定	±0.05dB@40GHz
Insulation resistance/绝缘电阻	>5000MΩ	Bend Radius:installation	18mm
VSWR/电压驻波比	<1.20 @ DC~18GHz	Bend Radius:repeated	36mm
	<1.30 @ 18~40GHz	Weight/重量	33g/m
Mechanical parameters/机械性能		Replace to:	
Center contact retention force/中心针保持力	>20 N	MCC	UFB142A
Coupling test torque/测试耦合扭矩	1.65 Nm	GORE	3507
Recommended torque/推荐扭矩	0.8 Nm to 1.10 Nm	IW	1401
Durability/耐久性	>500 cycles		
Environmental parameters/环境参数			
Temperature range/温度范围	-40°C to +125°C		

Order No/订货号	Length(mm)	Insulation loss(dB/GHz)			
		6	18	26.5	40
805001-00-032	500±20	<0.77	<1.36	<1.66	<2.06
805001-00-033	1000±30	<1.25	<2.21	<2.71	<3.37
805001-00-034	1500±40	<1.73	<3.06	<3.75	<4.67
805001-00-035	2000±50	<2.21	<3.91	<4.80	<5.98
Calculate Attenuation/衰减计算: IL(dB)= (1.16847* F Mhz)+(0.00055*F Mhz)/100 /1000]L(Meter)*1.02+(F GHz*0.12)					

2.4mm Female to 2.4mm Female



Materials and plating/材质与电镀

Description/描述	Materials/材质	Plating/电镀
Body/主体	Stainless steel/不锈钢	Passivation/钝化
Contact pin/中心针	Beryllium copper/铍青铜	Plating 30u" gold/镀金 30u"
Insulator/绝缘体	UNFILLED ULTEM 1000 PEI	N/A

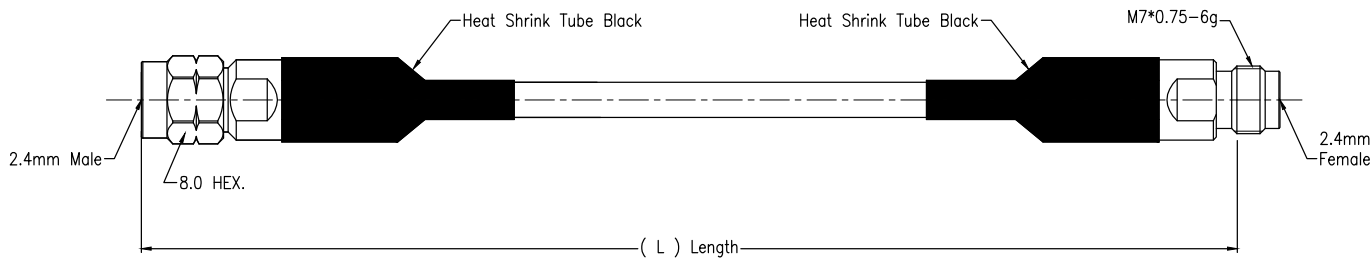
Specification/技术参数

Connector Specification/连接器规格		Cable Specification/电缆规格	
Impedance/特性阻抗	50 ohm	Cable/电缆	STA-142
Frequency range/频率范围	DC to 40 GHz	Velocity of Propagation/传播速率	83%
Voltage rating/工作电压	150 V(rms)	Shielding Effectiveness/屏蔽效率	>90 dB
Dielectric withstanding voltage/介质耐压	>500 V	Mechanical Phase/弯曲相位	±5°@40GHz
Center contact resistance/中心接触电阻	<4.0mΩ	Temperature Phase/温度相位	750PPM(-40-100)
Outer contact resistance/外接触电阻	<2.5mΩ	Amplitude Stability/幅度稳定	±0.05dB@40GHz
Insulation resistance/绝缘电阻	>5000MΩ	Bend Radius:installation	18mm
VSWR/电压驻波比	<1.20 @ DC~18GHz	Bend Radius:repeated	36mm
	<1.30 @ 18~40GHz	Weight/重量	33g/m
Mechanical parameters/机械性能		Replace to:	
Center contact retention force/中心针保持力	>20 N	MCC	UFB142A
Coupling test torque/测试耦合扭矩	1.65 Nm	GORE	3507
Recommended torque/推荐扭矩	0.8 Nm to 1.10 Nm	IW	1401
Durability/耐久性	>500 cycles		
Environmental parameters/环境参数			
Temperature range/温度范围	-40°C to +125°C		

Order No/订货号	Length(mm)	Insulation loss(dB/GHz)			
		6	18	26.5	40
805001-00-036	500±20	<0.77	<1.36	<1.66	<2.06
805001-00-037	1000±30	<1.25	<2.21	<2.71	<3.37
805001-00-038	1500±40	<1.73	<3.06	<3.75	<4.67
805001-00-039	2000±50	<2.21	<3.91	<4.80	<5.98

Calculate Attenuation/衰减计算: IL(dB)= $(1.16847 \times F \text{ MHz}) + (0.00055 \times F \text{ MHz}) / 100 / 1000 \times L \text{ (Meter)} \times 1.02 + (F \text{ GHz} \times 0.12)$

2.4mm Male to 2.4mm Female



Materials and plating/材质与电镀

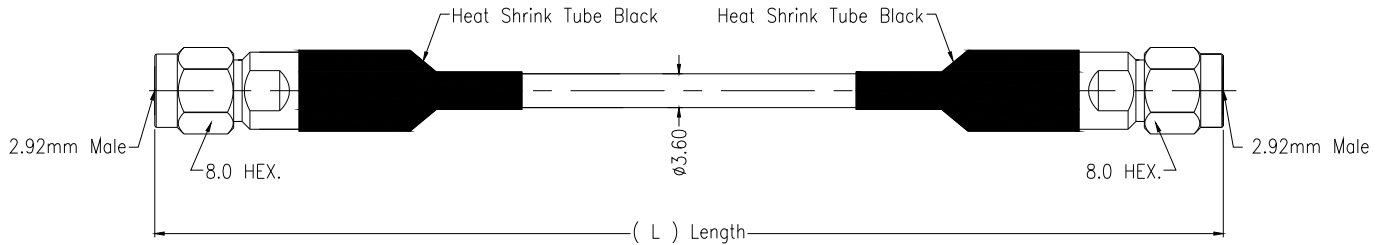
Description/描述	Materials/材质	Plating/电镀
Body/主体	Stainless steel/不锈钢	Passivation/钝化
Contact pin/中心针	Beryllium copper/铍青铜	Plating 30u" gold/镀金 30u"
Insulator/绝缘体	UNFILLED ULTEM 1000 PEI	N/A

Specification/技术参数

Connector Specification/连接器规格		Cable Specification/电缆规格	
Impedance/特性阻抗	50 ohm	Cable/电缆	STA-142
Frequency range/频率范围	DC to 40 GHz	Velocity of Propagation/传播速率	83%
Voltage rating/工作电压	150 V(rms)	Shielding Effectiveness/屏蔽效率	>90 dB
Dielectric withstanding voltage/介质耐压	>500 V	Mechanical Phase/弯曲相位	±5°@40GHz
Center contact resistance/中心接触电阻	<4.0mΩ	Temperature Phase/温度相位	750PPM(-40-100)
Outer contact resistance/外接触电阻	<2.5mΩ	Amplitude Stability/幅度稳定	±0.05dB@40GHz
Insulation resistance/绝缘电阻	>5000MΩ	Bend Radius:installation	18mm
VSWR/电压驻波比	<1.20 @ DC~18GHz	Bend Radius:repeated	36mm
	<1.30 @ 18~40GHz	Weight/重量	33g/m
Mechanical parameters/机械性能		Replace to:	
Center contact retention force/中心针保持力	>20 N	MCC	UFB142A
Coupling test torque/测试耦合扭矩	1.65 Nm	GORE	3507
Recommended torque/推荐扭矩	0.8 Nm to 1.10 Nm	IW	1401
Durability/耐久性	>500 cycles		
Environmental parameters/环境参数			
Temperature range/温度范围	-40°C to +125°C		

Order No/订货号	Length(mm)	Insulation loss(dB/GHz)			
		6	18	26.5	40
805001-00-040	500±20	<0.77	<1.36	<1.66	<2.06
805001-00-041	1000±30	<1.25	<2.21	<2.71	<3.37
805001-00-042	1500±40	<1.73	<3.06	<3.75	<4.67
805001-00-043	2000±50	<2.21	<3.91	<4.80	<5.98
Calculate Attenuation/衰减计算: IL(dB)= (1.16847* F MHz)+(0.00055*F MHz)/100 /1000]L(Meter)*1.02+(F GHz*0.12)					

2.92mm Male to 2.92mm Male



Materials and plating/材质与电镀

Description/描述	Materials/材质	Plating/电镀
Body/主体	Stainless steel/不锈钢	Passivation/钝化
Contact pin/中心针	Beryllium copper/铍青铜	Plating 30u" gold/镀金 30u"
Insulator/绝缘体	UNFILLED ULTEM 1000 PEI	N/A

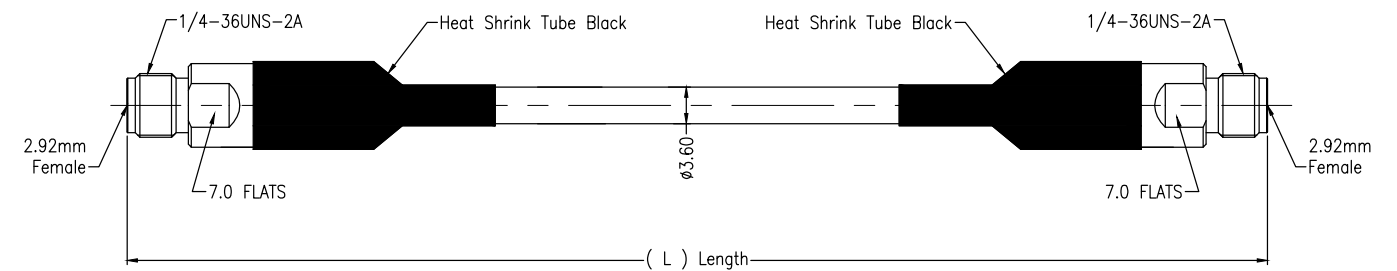
Specification/技术参数

Connector Specification/连接器规格		Cable Specification/电缆规格	
Impedance/特性阻抗	50 ohm	Cable/电缆	STA-142
Frequency range/频率范围	DC to 40 GHz	Velocity of Propagation/传播速率	83%
Voltage rating/工作电压	250 V(rms)	Shielding Effectiveness/屏蔽效率	>90 dB
Dielectric withstanding voltage/介质耐压	>750 V	Mechanical Phase/弯曲相位	±5°@40GHz
Center contact resistance/中心接触电阻	<3.0mΩ	Temperature Phase/温度相位	750PPM(-40-100)
Outer contact resistance/外接触电阻	<2.0mΩ	Amplitude Stability/幅度稳定	±0.05dB@40GHz
Insulation resistance/绝缘电阻	>5000MΩ	Bend Radius:installation	18mm
VSWR/电压驻波比	<1.20 @ DC~18GHz	Bend Radius:repeated	36mm
	<1.30 @ 18~40GHz	Weight/重量	33g/m
Mechanical parameters/机械性能		Replace to:	
Center contact retention force/中心针保持力	>20 N	MCC	UFB142A
Coupling test torque/测试耦合扭矩	1.70 Nm	GORE	3507
Recommended torque/推荐扭矩	0.8 Nm to 1.10 Nm	IW	1401
Durability/耐久性	>500 cycles		
Environmental parameters/环境参数			
Temperature range/温度范围	-40°C to +125°C		

Order No/订货号	Length(mm)	Insulation loss(dB/GHz)			
		6	18	26.5	40
805001-00-044	500±20	<0.72	<1.27	<1.56	<1.94
805001-00-045	1000±30	<1.20	<2.12	<2.60	<3.24
805001-00-046	1500±40	<1.68	<2.97	<3.65	<4.54
805001-00-047	2000±50	<2.16	<3.82	<4.69	<5.85

Calculate Attenuation/衰减计算: IL(dB)= (1.16847* F MHz)+(0.00055*F MHz)/100 /1000]L(Meter)*1.02+(F GHz*0.10)

2.92mm Female to 2.92mm Female



Materials and plating/材质与电镀

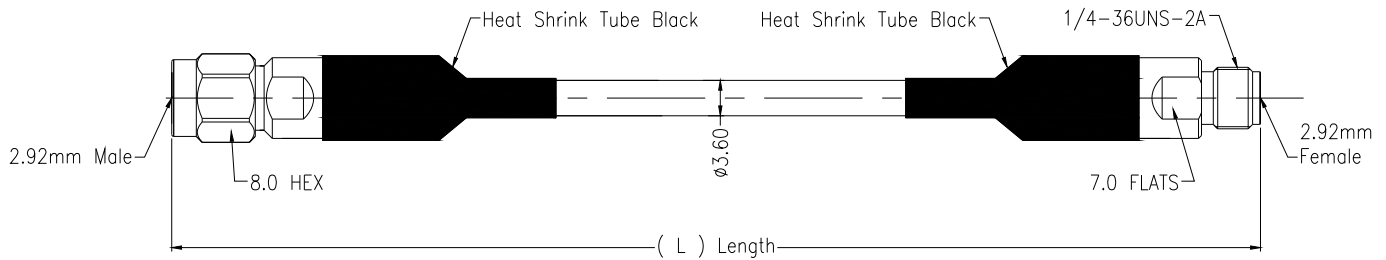
Description/描述	Materials/材质	Plating/电镀
Body/主体	Stainless steel/不锈钢	Passivation/钝化
Contact pin/中心针	Beryllium copper/铍青铜	Plating 30u" gold/镀金 30u"
Insulator/绝缘体	UNFILLED ULTEM 1000 PEI	N/A

Specification/技术参数

Connector Specification/连接器规格		Cable Specification/电缆规格	
Impedance/特性阻抗	50 ohm	Cable/电缆	STA-142
Frequency range/频率范围	DC to 40 GHz	Velocity of Propagation/传播速率	83%
Voltage rating/工作电压	250 V(rms)	Shielding Effectiveness/屏蔽效率	>90 dB
Dielectric withstanding voltage/介质耐压	>750 V	Mechanical Phase/弯曲相位	±5°@40GHz
Center contact resistance/中心接触电阻	<3.0mΩ	Temperature Phase/温度相位	750PPM(-40-100)
Outer contact resistance/外接触电阻	<2.0mΩ	Amplitude Stability/幅度稳定	±0.05dB@40GHz
Insulation resistance/绝缘电阻	>5000MΩ	Bend Radius:installation	18mm
VSWR/电压驻波比	<1.20 @ DC~18GHz	Bend Radius:repeated	36mm
	<1.30 @ 18~40GHz	Weight/重量	33g/m
Mechanical parameters/机械性能		Replace to:	
Center contact retention force/中心针保持力	>20 N	MCC	UFB142A
Coupling test torque/测试耦合扭矩	1.70 Nm	GORE	3507
Recommended torque/推荐扭矩	0.8 Nm to 1.10 Nm	IW	1401
Durability/耐久性	>500 cycles		
Environmental parameters/环境参数			
Temperature range/温度范围	-40°C to +125°C		

Order No/订货号	Length(mm)	Insulation loss(dB/GHz)			
		6	18	26.5	40
805001-00-048	500±20	<0.72	<1.27	<1.56	<1.94
805001-00-049	1000±30	<1.20	<2.12	<2.60	<3.24
805001-00-050	1500±40	<1.68	<2.97	<3.65	<4.54
805001-00-051	2000±50	<2.16	<3.82	<4.69	<5.85
Calculate Attenuation/衰减计算: IL(dB)= (1.16847* F Mhz)+(0.00055*F Mhz)/100 /1000]L(Meter)*1.02+(F GHz*0.10)					

2.92mm Male to 2.92mm Female



Materials and plating/材质与电镀

Description/描述	Materials/材质	Plating/电镀
Body/主体	Stainless steel/不锈钢	Passivation/钝化
Contact pin/中心针	Beryllium copper/铍青铜	Plating 30u" gold/镀金 30u"
Insulator/绝缘体	UNFILLED ULTEM 1000 PEI	N/A

Specification/技术参数

Connector Specification/连接器规格		Cable Specification/电缆规格	
Impedance/特性阻抗	50 ohm	Cable/电缆	STA-142
Frequency range/频率范围	DC to 40 GHz	Velocity of Propagation/传播速率	83%
Voltage rating/工作电压	250 V(rms)	Shielding Effectiveness/屏蔽效率	>90 dB
Dielectric withstanding voltage/介质耐压	>750 V	Mechanical Phase/弯曲相位	±5°@40GHz
Center contact resistance/中心接触电阻	<3.0mΩ	Temperature Phase/温度相位	750PPM(-40-100)
Outer contact resistance/外接触电阻	<2.0mΩ	Amplitude Stability/幅度稳定	±0.05dB@40GHz
Insulation resistance/绝缘电阻	>5000MΩ	Bend Radius:installation	18mm
VSWR/电压驻波比	<1.20 @ DC~18GHz	Bend Radius:repeated	36mm
	<1.30 @ 18~40GHz	Weight/重量	33g/m
Mechanical parameters/机械性能		Replace to:	
Center contact retention force/中心针保持力	>20 N	MCC	UFB142A
Coupling test torque/测试耦合扭矩	1.70 Nm	GORE	3507
Recommended torque/推荐扭矩	0.8 Nm to 1.10 Nm	IW	1401
Durability/耐久性	>500 cycles		
Environmental parameters/环境参数			
Temperature range/温度范围	-40°C to +125°C		

Order No/订货号	Length(mm)	Insulation loss(dB/GHz)			
		6	18	26.5	40
805001-00-052	500±20	<0.72	<1.27	<1.56	<1.94
805001-00-053	1000±30	<1.20	<2.12	<2.60	<3.24
805001-00-054	1500±40	<1.68	<2.97	<3.65	<4.54
805001-00-055	2000±50	<2.16	<3.82	<4.69	<5.85

Calculate Attenuation/衰减计算: IL(dB) = $(1.16847 \times F \text{ MHz}) + (0.00055 \times F \text{ MHz}) / 100 / 1000 \times L \text{ (Meter)} \times 1.02 + (F \text{ GHz} \times 0.10)$

Push-Pull Connectors



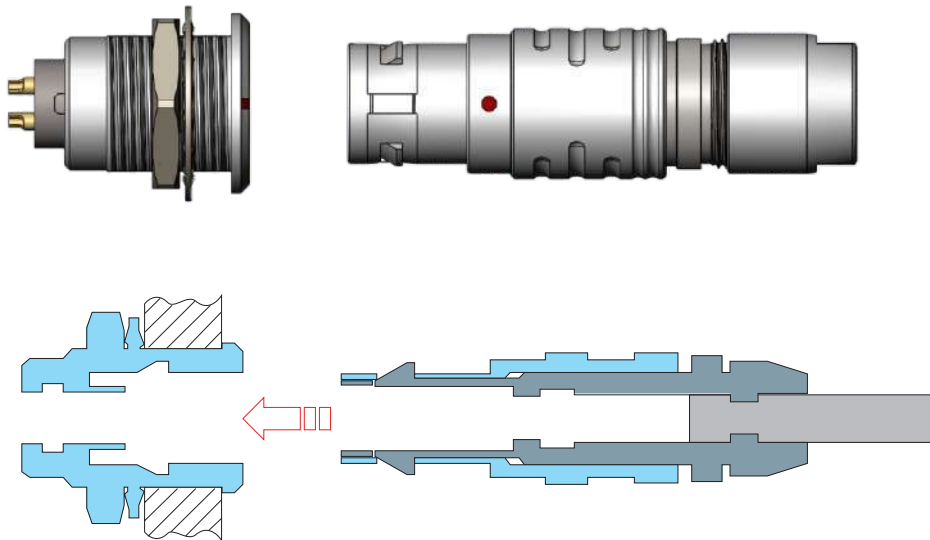
Push-pull Connectors

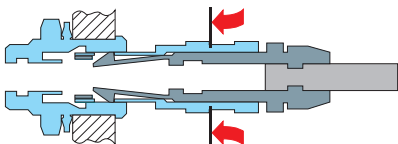
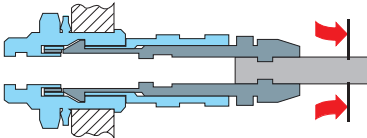
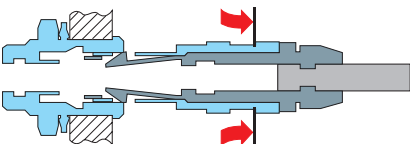
Push-Pull Self-Latching Connection System

插拔自锁链接系统

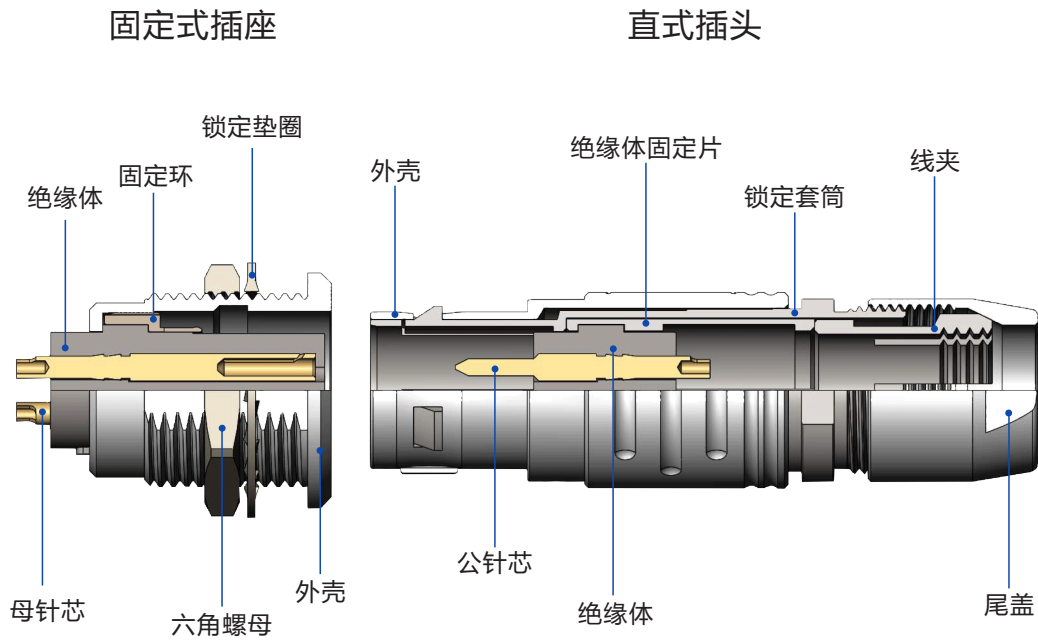
This self-latching system is renowned worldwide for its easy and quick mating and unmating features. It provides absolute security against vibration, shock or pull on the cable, and facilitates operation in a very limited space.

插拔自锁系统因简单快捷的插拔闻名于世。能有效抗振动、抗冲击，并且能防止因拉动电缆而导致的断连情况发生，使用起来绝对安全可靠，方便在非常有限的空间里插拔。



	Self-latching system allows the connector to be mated by simply pushing the plug axially into the socket. 操作简便的自锁系统，只需简单地将插头沿轴向推进插座即可锁定。
	Once firmly latched, connection cannot be broken by pulling on the cable or any other component part other than the outer release sleeve. 一旦锁定，除非拉动解锁装置，否则拉动电缆或者其他任何部位，都不会将连接断开。
	When required, the connector is disengaged by a single axial pull on the outer release sleeve. This first disengages the latches and then withdraws the plug from the socket. 需要时，只需沿轴向拉动解锁装置，就会首先解除锁定插销，继而将插头退出插座。

B系列产品剖面图



进入保护的定义（IP 代码）

IEC60529 定义了电气设备为避免外物（如工具、灰尘、手指）及潮湿气体进入其外壳的密封保护等级分类。该分类法表示为字母 IP (Ingress Protection) 后面加两个数字。

例如： IP 50 = IP 5 0
IP 字母代码
第 1 个数字
第 2 个数字

保护等级——第1个数字

IP 代码的第 1 个数字表示避免人体触及运动部件的保护程度，以及防止固体外物进入设备外壳的保护程度。

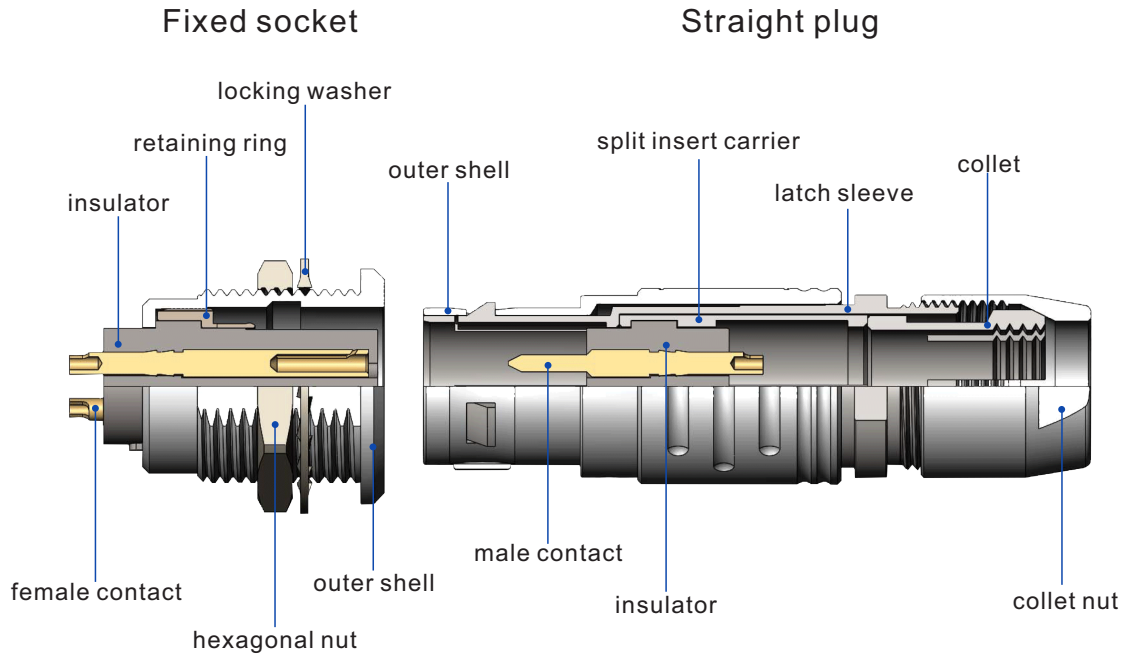
保护等级——第2个数字

第 2 个数字表示避免水以各种形式进入（如滴入、喷入、浸入等）设备外壳的保护程度。

代码	第1个数字的含义
0	无特殊保护
1	防止身体较大的部位（比如手）或防止直径大于 50 mm 的 固体物质进入
2	防止直径大于 12 mm 但长度不超过 80 mm 的物体进入
3	防止工具、电线等直径或厚度大于 2.5 mm 的物体进入
4	防止直径或厚度大于 1.0 mm 的固体物质进入
5	防止灰尘积垢影响设备运行
6	完全防尘
7	-
8	-

代码	第2个数字的含义
0	无特殊保护
1	防止水垂直滴入
2	防止水以不超过 15°倾角滴入
3	防止喷洒的水进入
4	防止水溅入
5	防止喷射的水进入
6	防止猛烈海浪或强力喷水的进入
7	防止临时浸没过程中的水进入
8	防止完全、连续淹没过程中的水进入

B Series Part Section Showing Internal Components



Definition of Ingress Protection (IP code)

IEC 60529 outlines an international classification system for the sealing effectiveness of enclosures of electrical equipment against the intrusion into the equipment of foreign bodies (i.e. tools, dust, fingers) and moisture. This classification system utilizes the letters «IP» (Ingress Protection) followed by two digits.

Example: IP 50 = IP 5 0

IP letter code _____
 1st digit _____
 2nd digit _____

Degrees of protection - First digit

The first digit of the IP code indicates the degree to which persons are protected against contact with moving parts and the degree that equipment is protected against solid foreign bodies intruding into an enclosure.

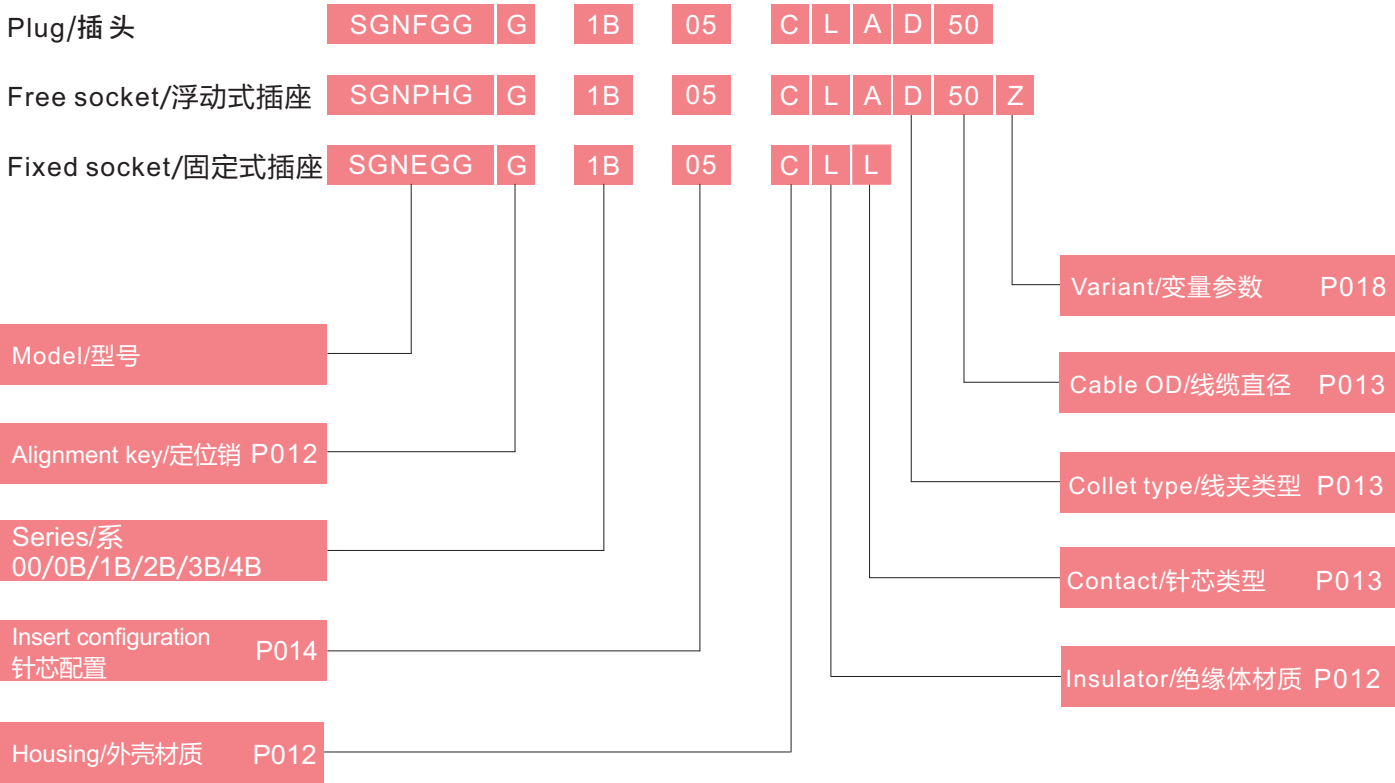
Code	First digit description
0	No special protection
1	Protection from a large part of the body such as hand or from solid objects greater than 50 mm in diameter
2	Protection against objects not greater than 80 mm in length and 12 mm in diameter
3	Protection from entry by tools, wires, etc., with a diameter or thickness greater than 2.5 mm
4	Protection from entry by solid objects with a diameter or thickness greater than 1.0 mm
5	Protection from the amount of dust that would interfere with the operation of the equipment
6	Dust-tight
7	-
8	-

Degrees of protection - Second digit

The second digit indicates the degree of protection of the equipment inside the enclosure against the harmful entry of various forms of moisture (e.g. dripping, spraying, submersion, etc.)

Code	Second digit description
0	No special protection
1	Protection from vertically dripping water
2	Protection from dripping water when tilted up to 15°
3	Protection from sprayed water
4	Protection from splashed water
5	Protection from water projected from a nozzle
6	Protection against heavy seas, or powerful jets of water
7	Protection against temporary immersion
8	Protection against complete continuous submersion in water

Order Number/编码规则



Examples/编码示例

- SGNFGG1B05CLAD50=straight plug with key (G) and cable collet, 1B series, multipole type with 5 contacts, outer shell in chrome-platedbrass, PEEK insulator, male solder contacts, D type collet for 4.6mm~5.0mm diameter cable.
SGNFGG1B05CLAD50=直式插头，定位销（G），带线夹，1B系列，多芯类型，5芯，黄铜镀铬外壳，PPS绝缘体，焊接型公针芯，适用于外径4.6mm~5.0mm电缆的D型线夹。
- SGNPHG1B05CLAD50Z=free socket with key (G) and cable collet, 1B series, multipole type with 5 contacts, outer shell in chromeplated brass, PEEK insulator, female solder contacts, D type collet for 4.6mm~5.0mm diameter cable and nut for fitting a bend relief.
SGNPHG1B05CLAD50Z=浮动式插座，定位销（G），带线夹，1B系列，多芯类型，5芯，黄铜镀铬外壳，PPS绝缘体，焊接型母针芯，适用于外径4.6mm~5.0mm电缆的D型线夹，带护套号的尾螺帽。
- SGNEGG1B05CLL=fixed socket, nut fixing, with key (G), 1B series, multipole type with 5 contacts, outer shell in chrome-plated brass, PEEK extended insulator, female crimp contacts.
SGNEGG1B05CLL=固定式插座，螺母固定，定位稍（G），1B系列，多芯类型，5芯，黄铜镀铬，PPS绝缘体，焊接型母针芯。

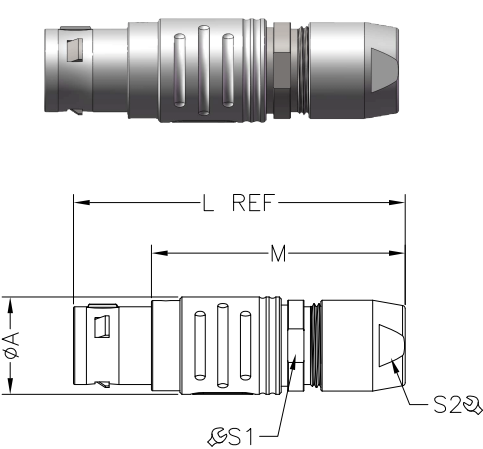
B Series Main Features

1. Security of the Push-Pull self-latching system.
快速的推拉自锁系统。
2. Solder, crimp or print contacts.
焊接，压接和印制板型接插件针芯。
3. Straight or elbow.
直式，90°弯角式。
4. Multiple key options to avoid cross mating, of similar connectors.
多种定位销选择可避免一机多用相似连接器之间的混插。
5. 360° screening for full EMC shielding.
全方位屏蔽效果，抗电磁干扰。
6. Multipole types 2 to 64 contacts, high packing density for space savings.
系列多芯型，高密度安装节约空间。
7. Keying system («G» key standard), for connector alignment.
定位销系统，G为标准定位销，用于连接器对位。

Technical Characteristics

Characteristics 特性	Value 参数
Temperature range 工作温度	-55°C~+250°C
Humidity 湿度	up to 95% at 60° C
Shielding efficiency 屏蔽性能	> 75dB(10MHz) > 40dB(1GHz)
Resistance to vibrations 抗振动性能	10-2000Hz, 15g
Salt spray corrosion test 盐雾腐蚀试验	> 144h
Shock resistance 抗冲击性能	100g , 6ms
Mechanical operation 插拔次数	> 5000 cycles
Protection index 防护等级	IP50

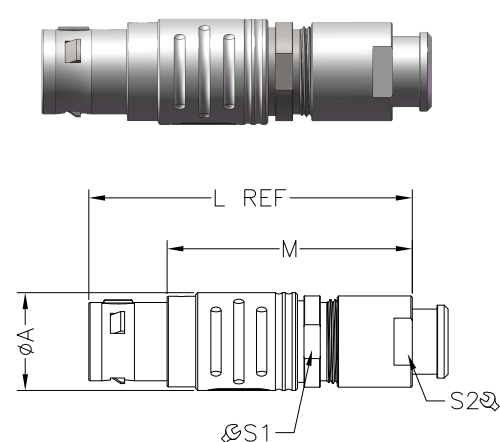
SGNFGG Straight plug, key (G) or keys (A...M and R), cable collet
SGNFGG 直式插头，定位销（G）或定位销（A-M和R），电缆线夹



Reference/编号		Dimensions/尺寸 (mm)				
Model/型号	Series/系列	ØA	L	M	S1	S2
SGNFGG	00	6.4	28.5	20.5	5.5	5
SGNFGG	0B	9.5	36.0	26.0	8.0	7
SGNFGG	1B	12.0	43.0	32.0	10.0	9
SGNFGG	2B	15.0	50.0	38.0	13.0	12
SGNFGG	3B	18.0	58.0	43.0	15.0	14
SGNFGG	4B	25.0	75.0	57.0	21.0	20

SGNF GG Straight plug, key (G) or keys (A...M), cable collet and nut for fitting a bend relief

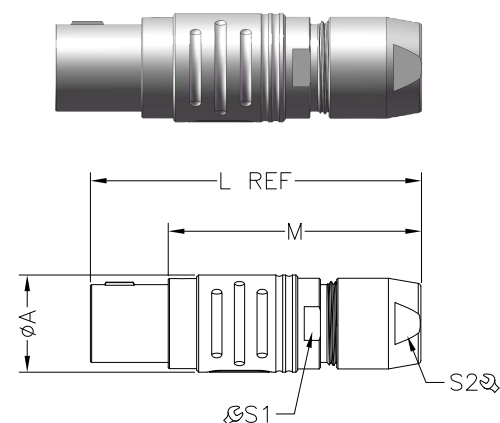
SGNF GG 直式插头，定位销（G）或定位销（A-M），电缆线夹和带护套型的尾盖



Reference/编号		Dimensions/尺寸 (mm)				
Model/型号	Series/系列	ØA	L	M	S1	S2
SGNF GG	00	6.4	36.5	28.5	5.5	6
SGNF GG	0B	9.5	35.5	25.0	8.0	7
SGNF GG	1B	12.0	42.0	31.0	10.0	9
SGNF GG	2B	15.0	49.0	37.0	13.0	12
SGNF GG	3B	18.0	56.5	41.5	15.0	15
SGNF GG	4B	25.0	71.0	53.0	21.0	20

SGNF FG Straight plug, non-latching, key (G) or keys (A...M), cable collet

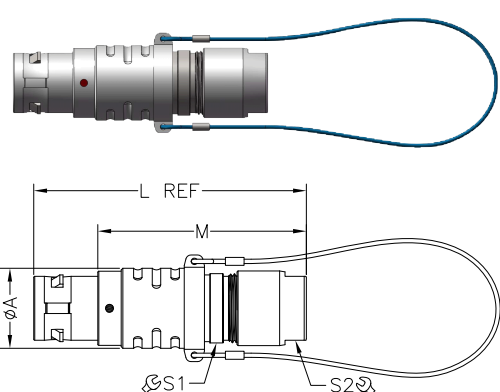
SGNF FG 直式插头，不带锁定装置，定位销（G）或定位销（A-M），电缆线夹



Reference/编号		Dimensions/尺寸 (mm)				
Model/型号	Series/系列	ØA	L	M	S1	S2
SGNF FG	0B	9.5	36.0	26.0	8.0	7
SGNF FG	1B	12.0	43.0	32.0	10.0	9
SGNF FG	2B	15.0	50.0	38.0	13.0	12
SGNF FG	3B	18.0	58.0	43.0	15.0	14
SGNF FG	4B	25.0	75.0	57.0	21.0	20

SGNF NG Straight plug, key (G) or keys (A...M and R), cable collet and lanyard release

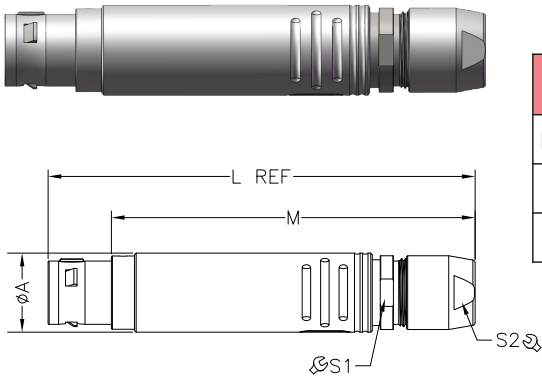
SGNF NG 直式插头，定位销（G）或定位销（A-M和R），电缆线夹和解锁拉绳



Reference/编号		Dimensions/尺寸 (mm)				
Model/型号	Series/系列	ØA	L	M	S1	S2
SGNF NG	0B	9.5	36.0	26.0	8.0	7
SGNF NG	1B	12.0	43.0	32.0	10.0	9
SGNF NG	2B	15.0	49.0	37.0	13.0	12
SGNF NG	3B	18.0	58.0	43.0	15.0	14
SGNF NG	4B	25.0	75.0	57.0	21.0	20

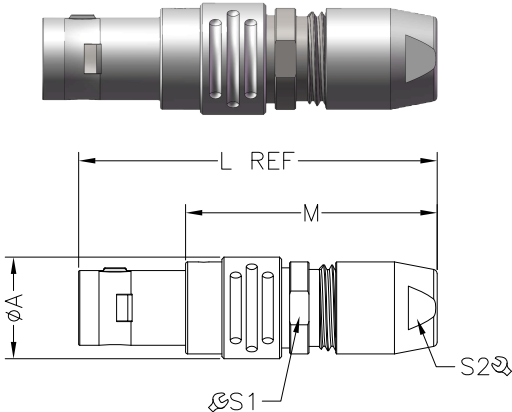
Push-pull connectors

SGNFDG Straight plug, long version, key (G) or keys (A...L), cable collet
SGNFDG 直式插头，加长型，定位销（G）或定位销（A-L），电缆线夹



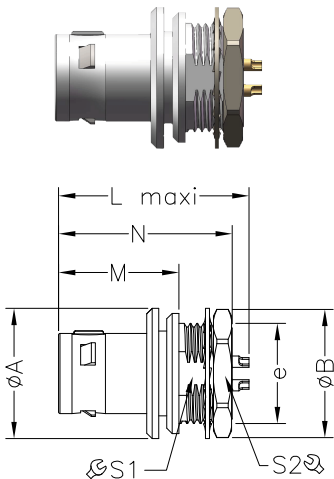
Reference/编号		Dimensions/尺寸 (mm)				
Model/型号	Series/系列	ØA	L	M	S1	S2
SGNFDG	1B	12.0	68.0	57.0	10.0	9
SGNFDG	2B	15.0	79.0	67.0	13.0	12

SGNJGG Straight plug, short version, key (G), cable collet
SGNJGG 直式插头，短型，定位销（G）



Reference/编号		Dimensions/尺寸 (mm)				
Model/型号	Series/系列	ØA	L	M	S1	S2
SGNJGG	0B	9.5	32.0	22.0	8.0	7

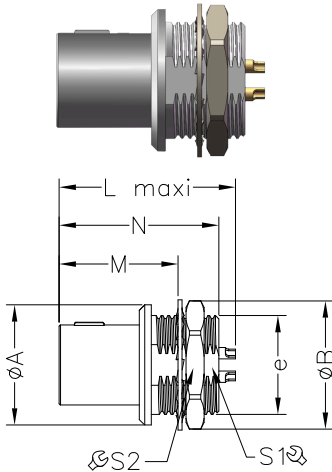
SGNFWG Fixed plug, nut fixing, key (G) or keys (A...L)
SGNFWG 固定式插头，螺母固定，定位销（G）或定位销（A-L）



Reference/编号		Dimensions/尺寸 (mm)							
Model/型号	Series/系列	ØA	ØB	e	L	M	N	S1	S2
SGNFWG	1B	18.0	15.8	M12x1.0	24.9	17	24.8	10.5	14.0
SGNFWG	2B	19.5	19.2	M15x1.0	28.6	18	27.3	13.5	17.0

SGNFAG Fixed plug, non-latching, nut fixing, key (G) or keys (A...M and R)

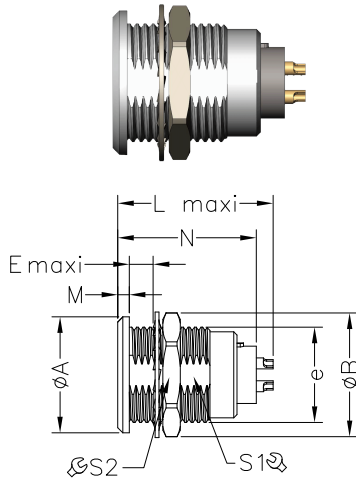
SGNFAG 固定式插头，不带锁定装置，螺母固定，定位销（G）或定位销（A-M和R）



Reference/编号		Dimensions/尺寸 (mm)							
Model/型号	Series/系列	ØA	ØB	e	L	M	N	S1	S2
SGNFAG	00	8	10.2	M7x0.5	18.1	9.0	15.0	6.3	9
SGNFAG	0B	10	12.4	M9x0.6	20.8	11.2	18.9	8.2	11
SGNFAG	1B	14	15.8	M12x1.0	25.2	12.5	15.0	6.3	9
SGNFAG	2B	18	19.2	M15x1.0	28.7	13.8	18.9	8.2	11
SGNFAG	3B	22	25.0	M18x1.0	32.1	17.0	15.0	6.3	9
SGNFAG	4B	29	34.0	M25x1.0	37.1	20.5	18.9	8.2	11

SGNEGG Fixed socket, nut fixing, key (G) or keys (A...M and R)

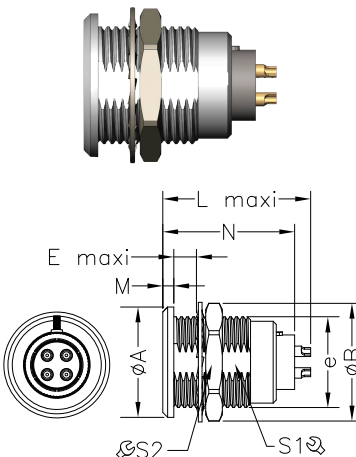
SGNEGG 固定式插座，螺母固定，定位销（G）或定位销（A-M和R）



Reference/编号		Dimensions/尺寸 (mm)								
Model/型号	Series/系列	ØA	ØB	e	E	L	M	N	S1	S2
SGNEGG	00	8	10.2	M7x0.5	6.0	15.5	1.0	13.7	6.3	9
SGNEGG	0B	10	12.4	M9x0.6	7.0	20.7	1.2	19.1	8.2	11
SGNEGG	1B	14	15.8	M12x1.0	7.5	23.0	1.5	21.1	10.5	14
SGNEGG	2B	18	19.2	M15x1.0	8.5	26.7	1.8	24.6	13.5	17
SGNEGG	3B	22	25.0	M18x1.0	11.5	30.7	2.0	28.1	16.5	22
SGNEGG	4B	28	34.0	M25x1.0	12.0	35.7	2.5	34.1	23.5	30

SGNEKG Fixed socket, nut fixing, key (G) or keys (A...M and R), Special mark

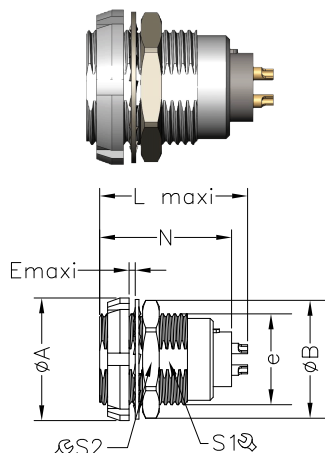
SGNEKG 固定式插座，螺母固定，定位销（G）或定位销（A-M和R），前面有特殊对未标记



Reference/编号		Dimensions/尺寸 (mm)								
Model/型号	Series/系列	ØA	ØB	e	E	L	M	N	S1	S2
SGNEKG	2B	18	19.2	M15x1.0	8.5	26.7	1.8	24.6	13.5	17
SGNEKG	3B	22	25.0	M18x1.0	11.5	30.7	2.0	28.1	16.5	22
SGNEKG	4B	28	34.0	M25x1.0	12.0	35.7	2.5	34.1	23.5	30

SGNECG Fixed socket with two nuts, key (G) or keys (A...M and R) (back panel mounting)

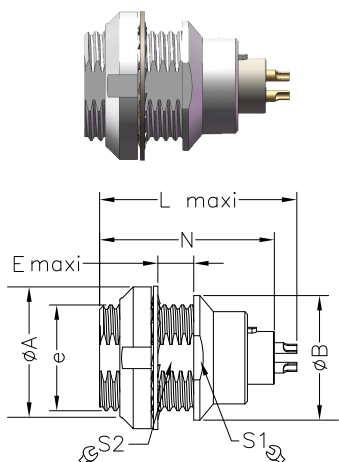
SGNECG 固定式插座，带两个螺母，定位销（G）或定位销（A-M和R），后面板安装



Reference/编号		Dimensions/尺寸 (mm)								
Model/型号	Series 系列	ØA	ØB	e	E	L	M	N	S1	S2
SGNECG	00	10	10.2	M7x0.5	4.3	13.7	2.5	13.7	6.3	9
SGNECG	0B	12	12.4	M9x0.6	5.5	20.7	2.5	19.1	8.2	11
SGNECG	1B	16	15.8	M12x1.0	6.0	23.0	3.5	21.1	10.5	14
SGNECG	2B	20	19.2	M15x1.0	6.5	26.7	3.5	24.6	13.5	17
SGNECG	3B	24	25.0	M18x1.0	9.0	30.7	4.5	28.1	16.5	22
SGNECG	4B	30	34.0	M25x1.0	10.0	35.7	4.5	32.6	23.5	30

SGNEEG Fixed socket, nut fixing, key (G) or keys (A...M and R) (back panel mounting)

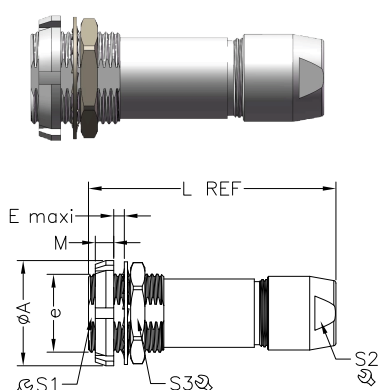
SGNEEG 固定式插座，螺母固定，定位销（G）或定位销（A-M和R），后面板安装



Reference/编号		Dimensions/尺寸 (mm)								
Model/型号	Series 系列	ØA	ØB	e	E	L	M	N	S1	S2
SGNEEG	00	10	9.5	M7x0.5	2.3	15.5	2.5	13.7	6.3	7.5
SGNEEG	0B	12	12.5	M9x0.6	2.4	20.7	2.5	19.1	8.2	9.0
SGNEEG	1B	16	16.0	M12x1.0	6.5	23.0	3.5	21.1	10.5	13.0
SGNEEG	2B	20	20.0	M15x1.0	3.0	26.7	3.5	24.6	13.5	15.0
SGNEEG	3B	24	25.0	M18x1.0	5.0	30.7	4.5	28.1	16.5	20.0

SGNPFG Fixed socket, with two nuts, key (G) or keys (A...M and R), cable collet (back panel mounting)

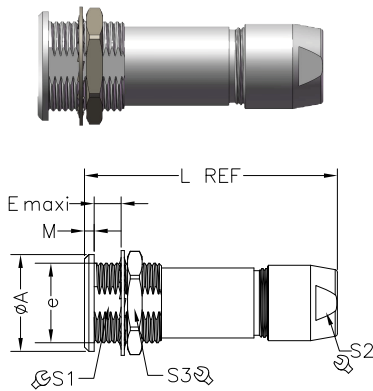
SGNPFG 固定式插座，两个螺母，定位销（G）或定位销（A-M和R），电缆线夹（后面板安装）



Reference/编号		Dimensions/尺寸 (mm)								
Model/型号	Series 系列	ØA	ØB	e	E	L	M	S1	S2	S3
SGNPFG	00	10	10.2	M7x0.5	5.3	26.0	2.5	6.3	5	9
SGNPFG	0B	12	12.4	M9x0.6	5.0	35.5	2.5	8.2	7	11
SGNPFG	1B	16	15.8	M12x1.0	5.0	40.5	3.5	10.5	9	14
SGNPFG	2B	20	19.2	M15x1.0	6.5	47.0	3.5	13.5	12	17
SGNPFG	3B	24	25.0	M18x1.0	9.0	56.0	4.5	16.5	14	22
SGNPFG	4B	30	34.0	M25x1.0	11.0	73.0	4.5	23.5	20	30

SGNPKG Fixed socket, nut fixing, key (G) or keys (A...M and R), cable collet

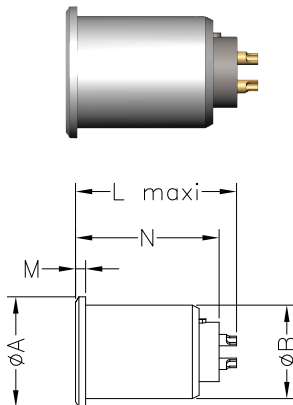
SGNPKG 固定式插座，螺母固定，定位销（G）或定位销（A-M和R），电缆线夹



Reference/编号		Dimensions/尺寸 (mm)								
Model/型号	Series 系列	ØA	ØB	e	E	L	M	S1	S2	S3
SGNPKG	00	8	10.2	M7x0.5	6.5	26.0	1.0	6.3	5	9
SGNPKG	0B	10	12.4	M9x0.6	7.0	35.5	1.2	8.2	7	11
SGNPKG	1B	14	15.8	M12x1.0	7.5	40.5	1.5	10.5	9	14
SGNPKG	2B	18	19.2	M15x1.0	8.5	47.0	1.8	13.5	12	17
SGNPKG	3B	22	25.0	M18x1.0	11.5	56.0	2.0	16.5	14	22
SGNPKG	4B	28	34.0	M25x1.0	12.0	73.0	2.5	23.5	20	30

SGNEJG Fixed socket, Press-fit or adhesive connection, key (G) or keys (A...M and R)

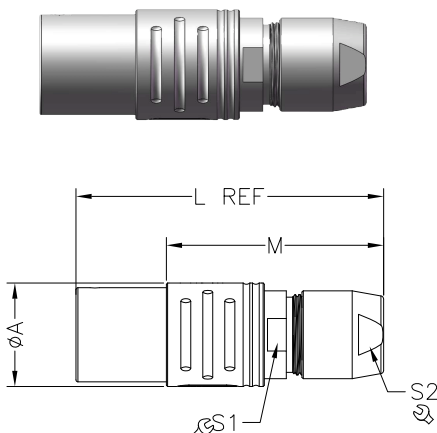
SGNEJG 固定式插座，压合或粘合连接，定位销（G）或定位销（A-M和R）



Reference/编号		Dimensions/尺寸 (mm)				
Model/型号	Series 系列	ØA	ØB	L	M	N
SGNEJG	0B	9.2	8.35	20.7	1.5	19.1
SGNEJG	1B	12.5	11.2	23.0	1.5	21.1
SGNEJG	2B	16.5	14.0	26.7	1.5	24.6

SGNPHG Free socket, key (G) or keys (A...M and R), cable collet

SGNPHG 浮动式插座，定位销（G）或定位销（A-M和R），电缆线夹

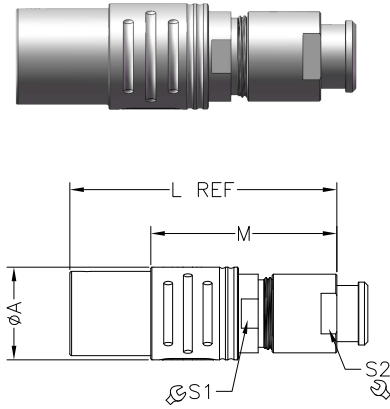


Reference/编号		Dimensions/尺寸 (mm)			
Model/型号	Series 系列	ØA	L	S1	S2
SGNPHG	00	6.8	26.0	5.5	5
SGNPHG	0B	9.5	35.5	8.0	7
SGNPHG	1B	12.5	40.5	10.0	9
SGNPHG	2B	16.5	47.0	13.0	12
SGNPHG	3B	19.0	56.0	15.0	14
SGNPHG	4B	26.0	73.0	21.0	20

SGNPHG

Free socket, key (G) or keys (A...M), cable collet and nut for fitting a bend relie

SGNPHG 浮动式插座，定位销（G）或定位销（A-M），电缆线夹合带护套型的尾盖

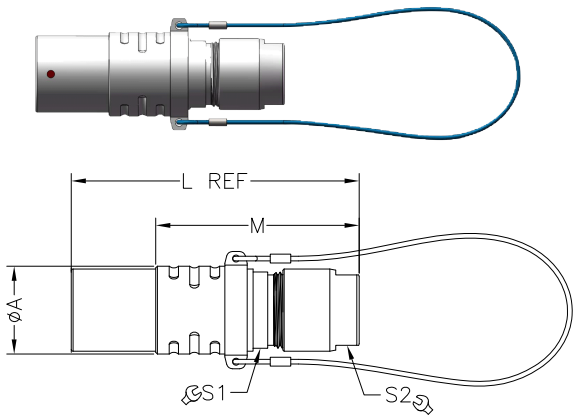


Reference/编号		Dimensions/尺寸 (mm)			
Model/型号	Series 系列	ØA	L	S1	S2
SGNPHG	00	6.8	34.0	5.5	6
SGNPHG	0B	9.5	34.5	8.0	7
SGNPHG	1B	12.5	39.5	10.0	9
SGNPHG	2B	16.5	46.0	13.0	12
SGNPHG	3B	19.0	54.5	15.0	15
SGNPHG	4B	26.0	69.0	21.0	20

SGNPNG

Free socket, nut fixing, key (G) or keys (A...L and R), cable collet with lanyard release

SGNPNG 浮动式插座，定位销（G）或定位销（A-M和R），电缆线夹和解锁拉绳

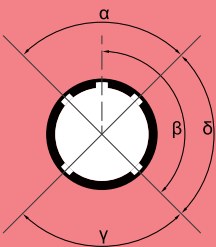


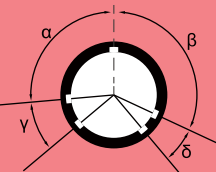
Reference/编号		Dimensions/尺寸 (mm)			
Model/型号	Series 系列	ØA	L	S1	S2
SGNPNG	1B	12.4	40.5	10.0	9
SGNPNG	2B	16.5	47.0	13.0	12
SGNPNG	3B	19.0	56.0	15.0	14
SGNPNG	4B	26.0	73.0	21.0	20

Alignment Key and Polarized Keying System/定位销和极性定位销组合

B series connector model part numbers are composed of three letters. The LAST LETTER indicates the key position and the contact type (male or female).

B 系列连接器外壳型号由三个字母组成，最后一个字母表示定位销位置和针芯类型（公针芯或母针芯）。

Front view of a socket 插座正视图	Ref. 编号	Nb of keys 定位销数量	Angles 角度	Series/系列			Ref. 编号	Nb of keys 定位销数量	Angles 角度	Series/系列			Contact type 针芯类型	
				00	0B	1B				2B	3B	4B	Plug 插头	Socket 插座
	G	1		0°	0°	0°	G	1		0°	0°	0°	Male	Female
	A	2	α	30°	30°	30°	A	2	α	30°	30°	30°	Male	Female
	B	2		60°	60°	60°	B	2		45°	45°	45°	Male	Female
	C	2		-	90°	90°	C	2		60°	60°	60°	Male	Female
	D	2	β	-	135°	135°	D	2	γ	95°	95°	95°	Male	Female
	E	2		-	145°	145°	E	2		120°	120°	120°	Male	Female
	F	2		-	155°	155°	F	2		145°	145°	145°	Male	Female
	J	2	γ	45°	45°	45°	J	2	α	37.5°	37.5°	37.5°	Male	Female
	K	2		-	70°	70°	K	2		32.5°	32.5°	32.5°	Male	Female
	L	2		-	80°	80°	L	2		70°	70°	70°	Male	Female
	M	2	δ	-	110°	-	M	2	-	-	-	-	Male	Female
	Y	3	-	-	-	-	Y	3	β	112.5°	126°	112.5°	Male	Female
			-	-	-	-			γ	100°	102°	147.5°		

Front view of a socket 插座正视图	Ref. 编号	Nb of keys 定位销数量	Angles 角度	Series/系列			Ref. 编号	Nb of keys 定位销数量	Angles 角度	Series/系列			Contact type 针芯类型	
				00	0B	1B				2B	3B	4B	Plug 插头	Socket 插座
	R	5	α	-	-	-	R	5	α	-	-	-	Male	Female
			β	-	-	-			β	-	-	-		
				-	-	-				-	-	-		
				-	-	-				-	-	-		

Housings/外壳材质

Ref. 编号	Outer shell and collet nut 外壳和尾盖		Latch sleeve + earthing crown 锁定套筒+接地环		Other metallic components 其他金属构件	
	Material 材料	Surf. treatment 表面处理	Material 材料	Surf. treatment 表面处理	Material 材料	Surf. treatment 表面处理
C	Brass	chrome	brass/bronze	nickel 2)	Brass	nickel
N	Brass	nickel	brass/bronze	nickel 2)	Brass	nickel
K	Brass	black chrome	brass/bronze	nickel 2)	Brass	nickel
S	Stainless steel	-	brass/bronze	nickel 2)	Brass	nickel
T	Stainless steel	-	Stainless steel	-	Brass	nickel
U	Stainless steel	-	Stainless steel	-	Stainless steel	-
L	Aluminium alloy	anodized	brass/bronze	nickel 2)	Brass	nickel
H	PPS/brass	-/nickel	brass/bronze	nickel 2)	Brass	nickel

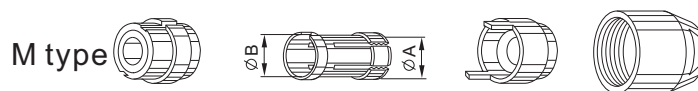
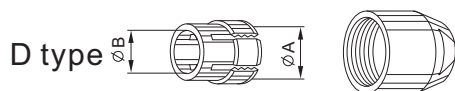
Insulators/绝缘体材质

Ref. 编号	Material 材质	Contact type 针芯类型	Ref. 编号	Material 材质	Contact type 针芯类型
L	PEEK	Solder or print 焊接或插板式	N	PPS	Solder or print 焊接或插板式
Y	PEEK	Crimp 压接式	U	PPS	Crimp 压接式

Contact type/针芯类型

Type	Solder/焊接式		Crimp/压接式		Print/插板式		
Ref./编号	A	L	C	M	D	N	V
	male	female	male	female	male	female	elbow

D and M type collets for B series/适用于B系列的D型和M型线夹



Reference/编号			Collet/线夹 Ø		Cable/电缆 Ø	
Series 系列	Type 类型	Code 编码	Ø A	Ø B	Max.	Min.
00	D	20	2.2	-	2.2	1.4
	D	25	2.7	-	2.6	2.1
	D	35	3.5	2.8	3.5	> 2.7
0B	D	20	2.1	-	2.0	1.5
	D	30	3.1	-	3.2	> 2.2
	D	40	4.2	-	4.0	3.1
	D	50	5.2	4.7	5.0	4.1
	D	55	5.6	4.7	5.6	> 5.2
1B	M	25	2.7	-	2.6	2.2
	M	30	3.1	-	3.0	2.6
	D	40	4.2	-	4.2	2.5
	D	50	5.2	-	5.0	4.1
	D	60	6.2	-	6.0	5.1
	D	70	7.2	6.7	7.0	6.1
	D	75	7.6	6.7	7.5	7.1
2B	M	20	2.1	-	2.0	1.5
	M	30	3.1	-	3.0	2.1
	D	40	4.2	-	4.0	3.1
	D	50	5.2	-	5.0	4.1
	D	60	6.2	-	6.0	5.1
	D	70	7.2	-	7.0	6.1
	D	70	7.2	-	7.0	6.1
Reference/编号			Collet/线夹 Ø		Cable/电缆 Ø	
Series 系列	Type 类型	Code 编码	Ø A	Ø B	Max.	Min.
2B	D	80	8.2	-	8.2	> 7.2
	D	90	9.2	8.6	9.0	8.1
	D	95	9.9	8.6	9.7	9.1
3B	M	50	5.2	-	5.0	4.1
	D	60	6.2	-	6.0	5.1
	D	70	7.2	-	7.0	6.1
	D	80	8.2	-	8.0	7.1
	D	90	9.2	-	9.0	8.1
	D	10	10.2	-	10.0	9.1
	D	11	11.2	10.2	11.0	10.1
	D	12	11.9	10.2	11.7	11.1
4B	M	60	6.2	-	6.0	5.1
	M	70	7.2	-	7.0	6.1
	M	80	8.2	-	8.0	7.1
	M	90	9.2	8.6	9.5	8.1
	D	10	10.8	-	10.5	9.1
	D	12	12.3	-	12.0	10.6
	D	13	13.8	12.5	13.5	12.1
	D	15	15.3	12.5	15.0	13.6
	D	16	16.3	12.5	16.0	15.1

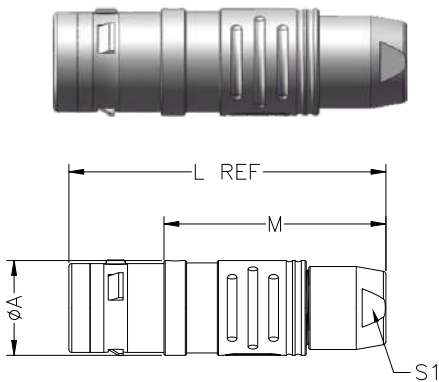
K Series Main Features

1. Security of the Push-Pull self-latching system.
快速的推拉自锁系统。
2. Solder, crimp or print contacts.
焊接，压接和印制板型接插件针芯。
3. Straight or elbow.
直式，90°弯角式。
4. Multiple key options to avoid cross mating, of similar connectors.
多种定位销选择可避免一机多用相似连接器之间的混插。
5. 360° screening for full EMC shielding.
全方位屏蔽效果，抗电磁干扰。
6. Multipole types 2 to 64 contacts, high packing density for space savings.
系列多芯型，高密度安装节约空间。
7. Keying system («G» key standard), for connector alignment.
定位销系统，G为标准定位销，用于连接器对位。

Technical Characteristics

Characteristics 特性	Value 参数
Temperature range 工作温度	-55°C~+200°C
Humidity 湿度	up to 95% at 60° C
Shielding efficiency 屏蔽性能	> 95dB(10MHz) > 80dB(1GHz)
Resistance to vibrations 抗振动性能	10-2000Hz, 15g
Salt spray corrosion test 盐雾腐蚀试验	> 144h
Shock resistance 抗冲击性能	100g , 6ms
Mechanical operation 插拔次数	> 5000 cycles
Protection index 防护等级	IP68/IP66

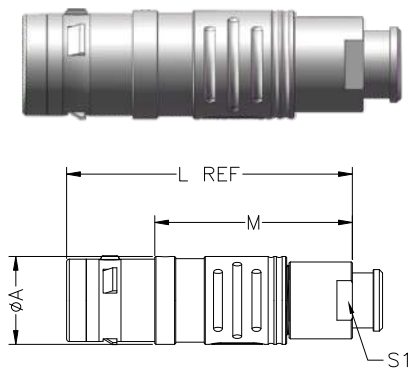
SGNF GG Straight plug, key (G) or keys (A...F,L and R), cable collet
SGNF GG 直式插头，定位销（G）或定位销（A-F,L和R），电缆线夹



Reference/编号		Dimensions/尺寸 (mm)			
Model/型号	Series/系列	ØA	L	M	S1
SGNF GG	0K	11.0	34.0	23.0	8.0
SGNF GG	1K	13.0	42.0	28.0	9.0
SGNF GG	2K	16.0	52.0	36.0	12.0
SGNF GG	3K	19.0	61.0	41.0	15.0

SGNFGG Straight plug, key (G) or keys (A...F,L and R), cable collet and nut for fitting a bend relief

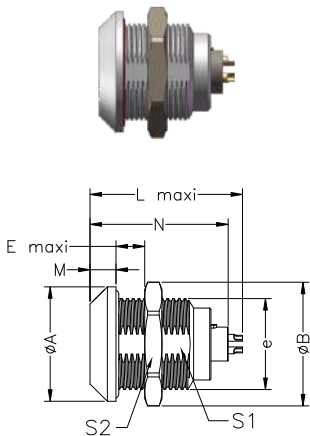
SGNFGG 直式插头，定位销（G）或定位销（A-F,L和R），电缆线夹和带护套型的尾盖



Reference/编号		Dimensions/尺寸 (mm)			
Model/型号	Series/系列	ØA	L	M	S1
SGNFGG	0K	11.0	34.0	23.0	7.0
SGNFGG	1K	13.0	42.0	28.0	9.0
SGNFGG	2K	16.0	52.0	36.0	12.0

SGNEGG Fixed socket, nut fixing, key (G) or keys (A...F,L and R)

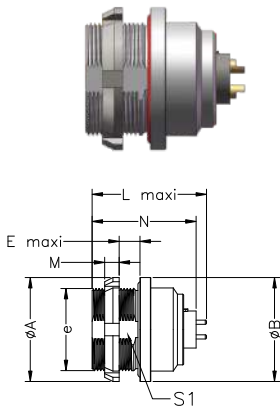
SGNEGG 固定式插座，螺母固定，定位销（G）或定位销（A-F,L和R）



Reference/编号		Dimensions/尺寸 (mm)								
Model/型号	Series系列	ØA	ØB	e	E	L	M	N	S1	S2
SGNEGG	0K	18	19.2	M14x1.0	6.0	21.7	4.0	20.1	12.5	17
SGNEGG	1K	20	21.5	M16x1.0	9.0	27.0	4.5	25.1	14.5	19
SGNEGG	2K	25	27.0	M20x1.0	9.0	30.7	5.0	28.6	18.5	24
SGNEGG	3K	31	34.0	M24x1.0	11	36.2	6.0	33.6	22.5	30

SGNEEG Fixed socket, nut fixing, key (G) or keys (A...F,L and R) (back panel mounting)

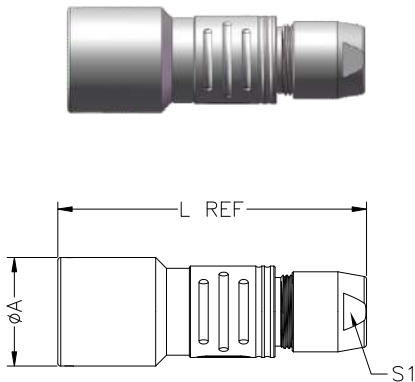
SGNEEG 固定式插座，螺母固定，定位销（G）或定位销（A-F,L和R），后面板安装



Reference/编号		Dimensions/尺寸 (mm)								
Model/型号	Series系列	ØA	ØB	e	E	L	M	N	S1	S2
SGNEEG	0K	18	18.0	M14x1.0	2.3	15.5	2.5	13.7	6.3	7.5
SGNEEG	1K	20	20.0	M16x1.0	2.4	20.7	2.5	19.1	8.2	9.0
SGNEEG	2K	25	25.0	M20x1.0	6.5	23.0	3.5	21.1	10.5	13.0

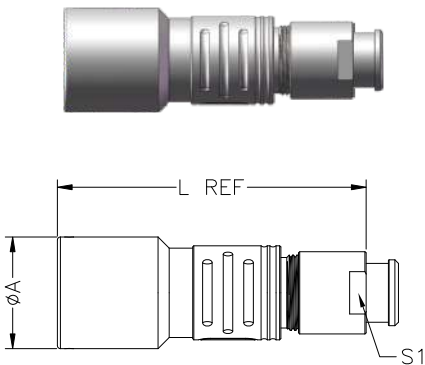
Push-pull connectors

SGNPHG Free socket, key (G) or keys (A...F,L and R), cable collet
SGNPHG 浮动式插座，定位销（G）或定位销（A-F,L和R），电缆线夹



Reference/编号		Dimensions/尺寸 (mm)		
Model/型号	Series 系列	$\varnothing A$	L	S1
SGNPHG	0K	13	34.0	8
SGNPHG	1K	15	45.0	9
SGNPHG	2K	19	54.0	12
SGNPHG	3K	23	65.0	15

SGNPHG Free socket, key (G) or keys (A...F,L and R), cable collet and nut for fitting a bend relie
SGNPHG 浮动式插座，定位销（G）或定位销（A-F,L和R），电缆线夹合带护套型的尾盖

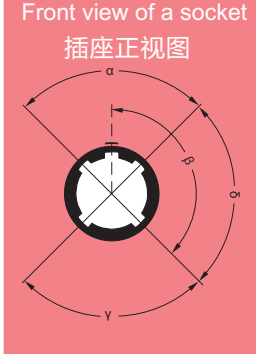


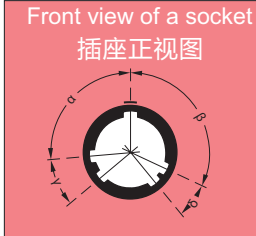
Reference/编号		Dimensions/尺寸 (mm)		
Model/型号	Series 系列	$\varnothing A$	L	S1
SGNPHG	0K	13	34.0	7
SGNPHG	1K	15	45.0	9
SGNPHG	2K	19	54.0	12

Alignment Key and Polarized Keying System/定位销和极性定位销组合

K series connector model part numbers are composed of three letters. The LAST LETTER indicates the key position and the contact type (male or female).

K 系列连接器外壳型号由三个字母组成，最后一个字母表示定位销位置和针芯类型（公针芯或母针芯）。

Front view of a socket 插座正视图	Ref. 编号	Nb of keys 定位销数量	Angles 角度	Series/系列						Contact type 针芯类型	
				0K	1K	2K	3K	4K	5K	Plug 插头	Socket 插座
	G	1		0°	0°	0°	0°	0°	0°	Male	Female
	A	2	2 α	30°	30°	30°	30°	30°	30°	Male	Female
	B			45°	45°	45°	45°	45°	45°	Male	Female
	C	2		60°	60°	60°	60°	60°	60°	Male	Female
	D		2 γ	95°	95°	95°	95°	95°	95°	Male	Female
	E	2	β	120°	120°	120°	120°	120°	120°	Male	Female
	F	2		145°	145°	145°	145°	145°	145°	Male	Female
	L		2 γ	75°	75°	75°	75°	75°	75°	Female	Male

Front view of a socket 插座正视图	Ref. 编号	Nb of keys 定位销数量	Angles 角度	Series/系列						Contact type 针芯类型	
				0K	1K	2K	3K	4K	5K	Plug 插头	Socket 插座
	R		α	-	-	-	95°	-	-	Male	Female
			β	-	-	-	115°	-	-		
			γ	-	-	-	35°	-	-		
			δ	-	-	-	25°	-	-		

针芯配置 多芯/Insert configuration Multipole

系列 Series	针芯 数量 Contact number	孔位排列 Contact layout		插针 直径 Contact $\varnothing$ (mm)	接触 电阻 resistance (m Ω)	工作 电流 Rated current (A)	测试 电压 Test voltage (V)	工作 电压 working voltage (V)
		Male solder contacts  焊接公针芯	Female solder contacts  焊接母针芯					
00	02			0.5	10	5	1000	330
	03			0.5	10	3	800	260
	04			0.5	10	2	800	260
	05			0.35	10	1.7	700	200
0B 0K	02			0.9	6	10	1000	500
	03			0.9	6	8	875	400
	04			0.7	7.5	7	875	300
	05			0.7	7.5	6.5	750	300
	06			0.5	10	2.5	750	300
	07			0.5	10	2.5	750	300
	09			0.5	10	2	600	200
	13			0.4	10	2	600	200
1B 1K	02			1.3	5	15	1500	500
	03			1.3	5	12	1300	430
	04			0.9	6	10	1300	430

Push-pull connectors

针芯配置 多芯/Insert configuration Multipole

系列 Series	针芯 数量 Contact number	孔位排列 Contact layout		插针 直径 Contact ϕ (mm)	接触 电阻 resistance (m Ω)	工作 电流 Rated current (A)	测试 电压 Test voltage (V)	工作 电压 working voltage (V)
		Male solder contacts 焊接公针芯	Female solder contacts 焊接母针芯					
1B 1K	05			0.9	6	9	1250	415
	06			0.7	7.5	7	1050	350
	07			0.7	7.5	7	950	315
	08			0.7	7.5	5	950	315
	10			0.5	10	2.5	900	300
	12			0.5	10	2	800	260
	14			0.5	10	2	800	260
	16			0.5	10	1.5	800	260
2B 2K	02			2.0	3	25	2100	700
	03			1.6	4	17	2400	800
	04			1.3	5	15	1850	810
	05			1.3	5	14	1750	580
	06			1.3	5	12	1350	450
	07			1.3	5	11	1750	580
	08			0.9	6	10	1500	500
	10			0.9	6	8	1450	500

针芯配置 多芯/Insert configuration Multipole

系列 Series	针芯 数量 Contact number	孔位排列 Contact layout		插针 直径 Contact ø (mm)	接触 电阻 resistance (mΩ)	工作 电流 Rated current (A)	测试 电压 Test voltage (V)	工作 电压 working voltage (V)
		Male solder contacts 焊接公针芯	Female solder contacts 焊接母针芯					
2B 2K	12			0.7	7.5	7	1250	480
	14			0.7	7.5	6.5	1150	380
	16			0.7	7.5	6	950	315
	18			0.7	7.5	5.5	850	280
	19			0.7	7.5	5	875	280
	26			0.5	10	2	950	315
3B 3K	02			3.0	6	35	2100	700
	03			2.0	3	25	1900	650
	04			2.0	3	19	1500	550
	05			1.6	4	19	1900	650
	06			1.6	4	17	1600	533
	07			1.6	4	15	1700	550
	08			1.3	5	13	1650	550
	09 (8+1)			1.3*8 2.0*1	5	6.0 15.0	1350	450
	10			1.3	5	12	1250	415

针芯配置 多芯/Insert configuration Multipole

系列 Series	针芯 数量 Contact number	孔位排列 Contact layout		插针 直径 Contact ϕ (mm)	接触 电阻 resistance (m Ω)	工作 电流 Rated current (A)	测试 电压 Test voltage (V)	工作 电压 working voltage (V)
		Male solder contacts 焊接公针芯	Female solder contacts 焊接母针芯					
3B 3K	12			0.9	6	9	1450	450
	14			0.9	6	9	1200	400
	16			0.9	6	8	1200	395
	18			0.9	6	7	1200	395
	20			0.7	7.5	6	1000	395
	22			0.7	7.5	5.5	1000	330
	24			0.7	7.5	4	950	333
	26			0.7	7.5	4	950	315
	30			0.7	7.5	3.5	800	270
4B 4K	4			3.0	6	30	2100	700
	6			2.0	3	24	2000	670
	7			2.0	3	20	2000	670
	10			1.6	4	17	1850	620
	12			1.3	5	12	1450	485
	16			0.9	6	10	1350	450

针芯配置 多芯/Insert configuration Multipole

系列 Series	针芯 数量 Contact number	孔位排列 Contact layout		插针 直径 Contact ø (mm)	接触 电阻 resistance (mΩ)	工作 电流 Rated current (A)	测试 电压 Test voltage (V)	工作 电压 working voltage (V)
		Male solder contacts 焊接公针芯	Female solder contacts 焊接母针芯					
4B 4K	20			0.9	6	8.0	1350	450
	24			0.9	6	7.0	1200	400
	30			0.9	6	5.0	950	320
	40			0.7	7.5	2.0	900	300
	48			0.7	7.5	1.5	700	235

变量参数/Variant

系列/Series	编号/Ref.	尾盖/Collet	
		类别/Type	编码/Code
00	Z	D	17-35
0B	Z	D	21-52
1B	Z	M	27-31
		D	42-72
2B	Z	M	21-31
		D	42
		D	59-92
3B	Z	M	52
		D	62-11
4B	Z	M	62-72
		M	82-92
		D	10-15

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