

**GEPVS-INTRODUCE**

## Connector Products

**LET,S DO IT FOR YOU!**

<b>5螺纹连接器</b>	05
5产品编码原则/5 Part Number System	06
5 产品介绍/5 product introduction	07
<b>8螺纹连接器</b>	13
8产品编码原则/8 Part Number System	14
8 产品介绍/8 product introduction	15
<b>9螺纹连接器</b>	25
9产品编码原则/9 Part Number System	26
9 产品介绍/9 product introduction	27
<b>12螺纹连接器</b>	33
12产品编码原则/12 Part Number System	34
12 产品介绍/12 product introduction	36
<b>16螺纹连接器</b>	65
16产品编码原则/16 Part Number System	66
16 产品介绍/16 product introduction	67
<b>塑胶螺纹连接器</b>	73
塑胶装配式编码原则 part Numbering system	74
产品介绍/product introduction	75

78	<b>伺服电机连接器17/23</b>
79	23产品编码原则/ 23 Part Number System
80	17/ 23 产品介绍/ 17/ 23 product introduction
<b>83</b>	<b>L10A传感连接器</b>
84	L10A产品编码原则/ L10A Part Number System
85	L10A 产品介绍/ L10A product introduction
<b>91</b>	<b>L25传感连接器</b>
92	L25产品编码原则/ L25 Part Number System
93	L25 产品介绍/ L25 product introduction
<b>99</b>	<b>LS30传感连接器</b>
100	LS30产品编码原则/ LS30 Part Number System
101	LS30 产品介绍/ LS30 product introduction
<b>103</b>	<b>LM传感连接器</b>
104	LM产品编码原则/LM Part Number System
105	LM 产品介绍/LM product introduction
<b>107</b>	<b>推拉自锁系列</b>
108	推拉自锁产品编码原则/ Push-pull self-locking Part Number System
109	推拉自锁 产品介绍/ Push-pull self-locking product introduction

## 目录

<b>推拉自锁系列</b>	<b>115</b>
推拉自锁产品编码原则/ Push-pull self-locking Part Number System	116
推拉自锁产品介绍/ Push-pull self-locking product introduction	117
<b>推拉自锁系列</b>	<b>121</b>
推拉自锁Y产品编码原则/ Push-pull self-locking Part Number System	122
推拉自锁Y产品介绍/ Push-pull self-locking product introduction	123
<b>音频连接器</b>	<b>127</b>
音频连接器产品编码原则/ Audio connector Part Number System	128
音频连接器产品介绍/ Audio connector product introduction	129
<b>军工系列连接器</b>	<b>133</b>
W系列产品编码原则 /W Part Number System	134
W简介/W Introduction	135
L系列产品编码原则 /L Part Number System	136
L简介/L Introduction	137
50系列产品编码原则 /50 Part Number System	140
50简介/50 Introduction	141

## 目录



## 5 螺纹连接器



## 5 螺纹连接器

### 5 产品编码原则 5 Part Number System

Floating plug	5A	1	304	A	F	L	B	G1			
Assembled plug	5G	2	303	A	M	A	B	G1	D	42	Z
Fixed socket	5A	1	304	A	F	L	B	G1			

Model series/型号:  
 A-Plastic-molded/普通包胶式  
 I-Plastic-molded with short shielded shell/半屏蔽壳包胶式  
 G-Assembly shielded/装配式带屏蔽  
 E-Rear panel mounting socket/内锁插座(板前安装)  
 F-Front panel mounting socket/外锁插座(板后安装)  
 H-PCB(DIP)socket/插板式插座

Surface texture/外观:  
 plug 插头: 1-Mesh structure metal/金属网纹  
 socket 插座: 0-standard 标准

Housing number/胶芯针数:  
 A coding: 303、304

Housing coding/胶芯类型:  
 (Prevent mistaken insertion/防误插)A coding

Housing type/胶芯:  
 M-male/公胶芯(装配公针), F-female/母胶芯(装配母针)

Bend relief 护套: Optional/可选

Cable OD/电缆直径: Cable OD max./电线最大外径

Collet type/线夹类型: D-Collet/线夹

Surface preparation/表面处理:  
 G1-gold flash/镀金, G3-gold plating 3U/镀金 3U\*

Contact pin length/针长度:  
 L-Pin higher than shell end face/长针, S-Pin lower than shell end face/短针, B-standard/标准长度

Contact pin type/针类型:

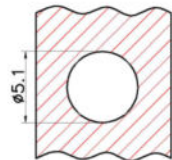
A-turning male pin solder/车制焊线式公针  
 L-turning female pin solder/车制焊线式母针  
 D-male pin for PCB(DIP)/插板式公针  
 N-female pin for PCB(DIP)/插板式母针  
 W-male pin right angle/直角公针  
 V-female pin right angle/直角母针



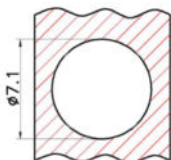
## 5 螺纹连接器

## 5 简介 (5 Introduction)

## 1. 装配螺牙和安装孔关系 (Assembly thread type)



装配螺牙 M5



装配螺牙 M7

## 2. 胶芯类型及芯数-5 (Insulator type-5)



303

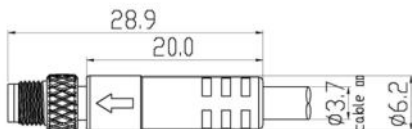
A coding



304

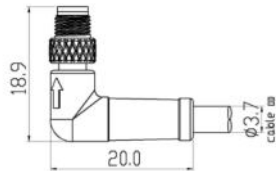
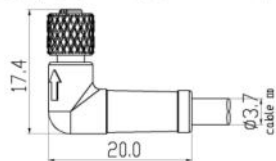
## 3.5 线束/5

## 3.1. 直头小模 (电线 OD 不超过 3.7mm)

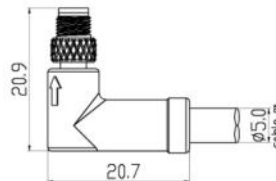
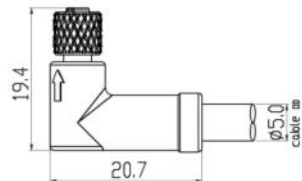


## 5 螺纹连接器

## 3.2. 弯头小模 (电线 OD 不超过 3.7mm)



## 3.3. 弯头大模 (电线 OD 不超过 5.0mm)



## 4. 常用电线 控制线 (无屏蔽)

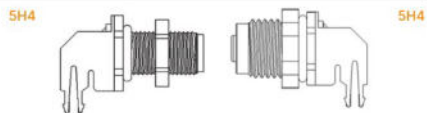
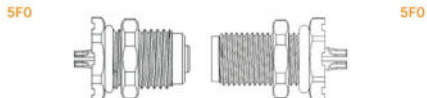
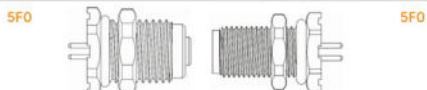
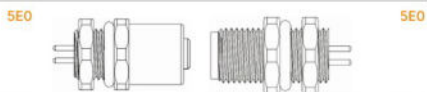
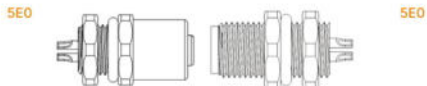
CT-P/N	规格	外皮材质	外皮颜色	特性
CB0013	26AWG*4C OD3.8	PVC	黑色	无屏蔽

## 5 螺纹连接器

### 5 常规插头系列 5 plug serie



### 5 常规插座系列 5 Socket series



## 5 螺纹连接器

### 5A1 Male 普通网纹包胶式公头 Overmold type male



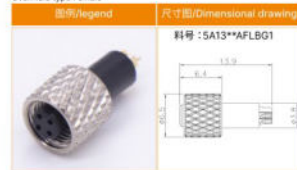
### 5I1 Male 短款屏蔽壳网纹公头 Overmold type with short shield shell Male



### 5G1 Male 金属装配焊线式网纹公头 Assembly type, Field installable Male



### 5A1 Female 普通网纹包胶式母头 Overmold type Female



### 5I1 Female 短款屏蔽壳网纹母头 Overmold type with short shield shell Female



### 5G1 Female 金属装配焊线式网纹母头 Assembly type, Field installable Female



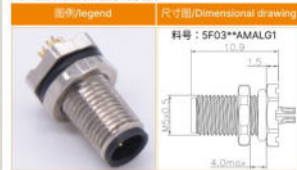
### 5E0 Male 后锁插座标准公头 Rear lock socket standard male core



### 5E0 Female 后锁插座标准母头 Rear lock socket standard masterbatch



### 5F0 Male 前锁插座标准公头 Front lock socket standard male core



## 5 螺纹连接器

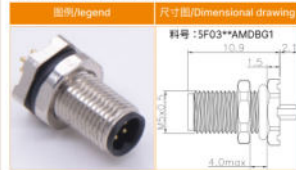
**5E0 Male 后锁插座标准公头 PCB**  
Rear lock socket standard male core PCB



**5E0 Female 后锁插座标准母头 PCB/Rear lock**  
socket standard masterbatch PCB



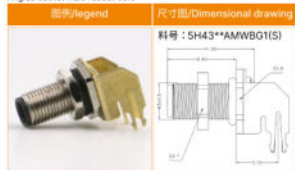
**5F0 Male 前锁插座标准公头 PCB**  
Front lock socket standard male core PCB



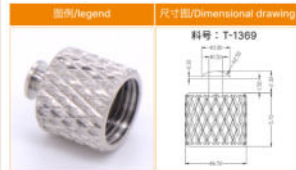
**5F0 Female 前锁插座标准母头**  
Front lock socket standard masterbatch



**5H4 Male 弯角插座公头**  
Angled socket male rubber core



**防尘盖 Male 公头**



**5F0 Female 前锁插座标准母头 PCB**  
Front lock socket standard masterbatch PCB



**5H4 Female 弯角插座公头**  
Angled socket female rubber core



**防尘盖 Female 母头**



## 5 螺纹连接器

标准产品基础参数表 (注: 此表为产品常规性能技术参数表, 非常规产品支持定制)

303	304	芯数/Number of cores
	0.5mm	导体直径/Conductor diameter
	26AWG	适配线缆/Adaptable cable
	1A	额定电流/Rated current
	60V	额定电压/Rated voltage
	≤10mΩ	接触电阻/contact resistance
	≥100mΩ	绝缘电阻/Insulation resistance
	>500 mate/unmate cycles	寿命/Durability
	-20° C, +80° C	温度等级/Temperature grade
	IP67	防水等级/Waterproof
	>48h	盐雾/ Salt spray test

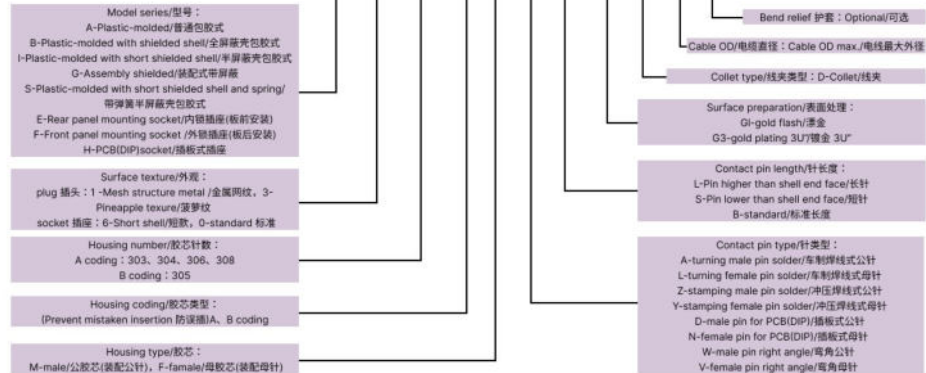
## 8 螺纹连接器



## 8 螺纹连接器

### 8 产品编码原则 8 Part Number System

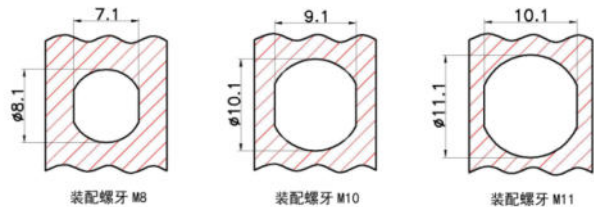
Floating plug	8A	1	304	A	F	L	B	G1				
Assembled plug	8G	1	303	A	M	A	B	G1	D	62	Z	
Fixed socket	8A	0	308	A	F	L	L	G1				



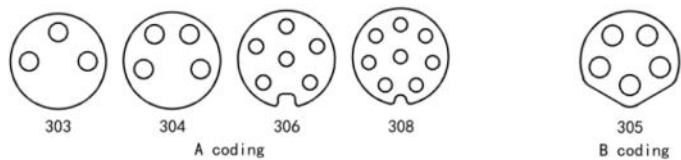
## 8 螺纹连接器

## 8 简介 (8 Introduction)

## 1. 装配螺牙和安装孔关系 (Assembly thread type)



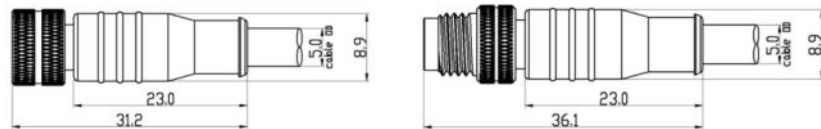
## 2. 胶芯类型及芯数- 8 (Insulator type-8)



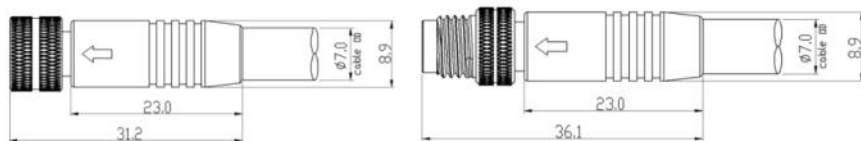
## 8 螺纹连接器

## 3. 包胶外模

## 3.1. 直头小模 (电线 OD 不超过 5.0mm)

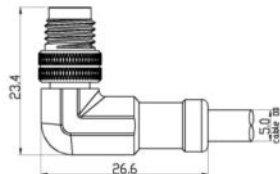
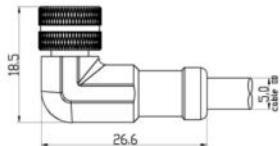


## 3.2. 直头大模 (电线 OD 不超过 7.0mm)

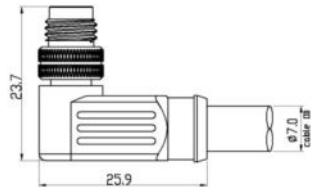
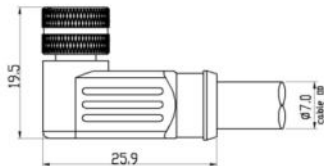


## 8 螺纹连接器

## 3.3. 弯头小模 (电线 OD 不超过 5.0mm)

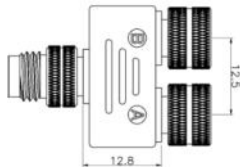


## 3.4. 弯头大模 (电线 OD 不超过 7)



## 8 螺纹连接器

## 4. 转接头/adapter



“Y”形转接头

(此类转接头的三款连接器及其相互之间的线位可根据客户需求定制)

## 5. 常用电线

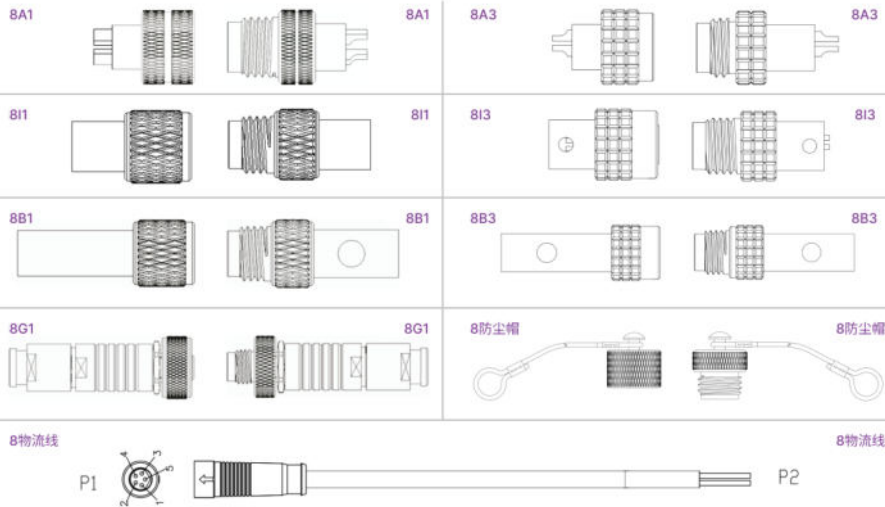
## 5.1 控制线 UL2464(无屏蔽)

CT-P/N	规格	外皮材质	外皮颜色	特性
B0010	UL2464 22AWG*3C, OD4.6mm	PVC	黑色	非屏蔽
B0003	UL2464 22AWG*4C, OD4.7mm	PVC	黑色	非屏蔽
B0020	UL2464 24AWGx5C, OD5.0mm	PVC	黑色	非屏蔽
B0019	UL2464 26AWGx6C, OD5.0mm	PVC	黑色	非屏蔽
B0006	UL2464 26AWGx8C, OD5.5mm	PVC	黑色	非屏蔽



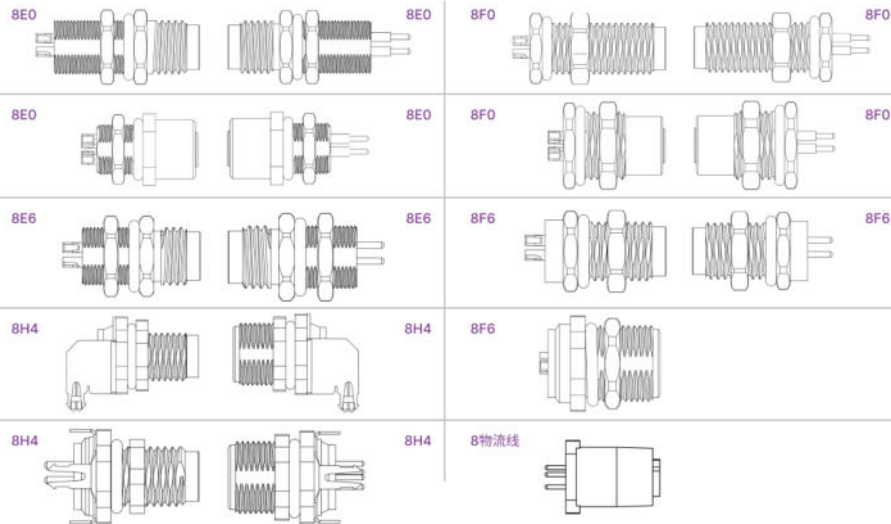
## 8 螺纹连接器

### 8 常规插头系列 8 plug serie



## 8 螺纹连接器

### 8 常规插座系列 8 Socket series






## 8 螺纹连接器


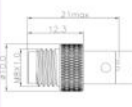
8A1 Male 普通包胶式网纹公头

Overmold type male

图例/legend	尺寸图/Dimensional drawing
	料号: 8A13***MABG1 


8I1 Male 普通包胶式网纹公头

Overmold type with short shield shell Male

图例/legend	尺寸图/Dimensional drawing
	料号: 8I13***MABG1 

8B1 Male 带屏蔽壳包胶式网纹公头

Overmold type with long shield shell Male

图例/legend	尺寸图/Dimensional drawing
	料号: 8B13***MABG1 

8A1 Female 普通包胶式网纹母头

Overmold type Female

图例/legend	尺寸图/Dimensional drawing
	料号: 8A13***FLBG1 


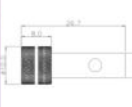
8I1 Male 普通包胶式网纹母头

Overmold type with short shield shell Female

图例/legend	尺寸图/Dimensional drawing
	料号: 8I13***FLBG1 

8B1 Female 带屏蔽壳包胶式网纹母头

Overmold type with long shield shell Female

图例/legend	尺寸图/Dimensional drawing
	料号: 8B13***FLBG1 

8G1 Male 金属装配焊线式网纹公头

Assembly type, Field installable Male

图例/legend	尺寸图/Dimensional drawing
	料号: 8G13***MABG1D**Z 

8E0 Male 后锁插座标准公头

Rear lock socket standard male core

图例/legend	尺寸图/Dimensional drawing
	料号: 8E03***MALG1 

8E6 Male 后锁插座短款公头

Rear lock socket Short shell male core

图例/legend	尺寸图/Dimensional drawing
	料号: 8E63***MABG1 

## 8 螺纹连接器

8G1 Female 金属装配焊线式网纹母头

Assembly type, Field installable Female

图例/legend	尺寸图/Dimensional drawing
	料号: 8G13***FLBG1D**Z 

8E0 Male 后锁插座标准公头 PCB

Rear lock socket standard male core PCB

图例/legend	尺寸图/Dimensional drawing
	料号: 8I13***MABG1 

8E6 Male 后锁插座短款公头 PCB

Rear lock socket Short shell male core PCB

图例/legend	尺寸图/Dimensional drawing
	料号: 8E63***MDBG1 

8E0 Female 后锁插座标准母头

Rear lock socket standard female core

图例/legend	尺寸图/Dimensional drawing
	料号: 8E03***FLLG1 

8F0 Male 前锁插座标准公头

Front lock socket standard male core

图例/legend	尺寸图/Dimensional drawing
	料号: 8F03***MALG1 

8F6 Male 前锁插座短款公头

Front lock socket Short shell male core

图例/legend	尺寸图/Dimensional drawing
	料号: 8F63***MABG1 

8E0 Female 后锁插座标准母头 PCB

Rear lock socket standard female core PCB

图例/legend	尺寸图/Dimensional drawing
	料号: 8E03***FNBG1 

8F0 Male 前锁插座标准公头 PCB

Front lock socket standard male core PCB

图例/legend	尺寸图/Dimensional drawing
	料号: 8F03***MDBG1 

8F6 Male 前锁插座短款公头 PCB

Front lock socket Short shell male core PCB

图例/legend	尺寸图/Dimensional drawing
	料号: 8F63***MDBG1 

## 8 螺纹连接器

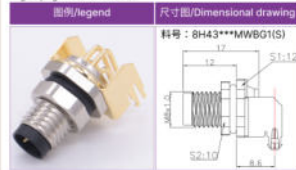
**8F0 Female 前锁插座标准公头**  
Front lock socket standard female core



**8H4 Male 直角插板式插座公座 PCB**  
Right-angle plug-in receptacle male PCB



**8H4 Male 弯角插板式插座公座 PCB**  
Angled plug-in socket male PCB



**8F0 Female 前锁插座标准母头 PCB**  
Front lock socket standard female core PCB



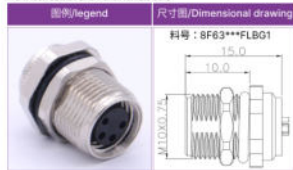
**8H4 Female 直角插板式插座母座 PCB**  
Right-angle plug-in receptacle female PCB



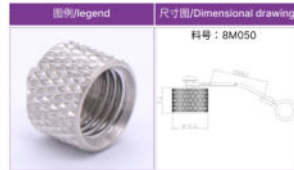
**8H4 Male 弯角插板式插座母座 PCB**  
Angled plug-in socket female PCB



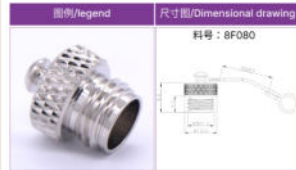
**8F6 Female 前锁插座短款母头**  
Front lock socket Short shell female core



**8防尘帽 Male**

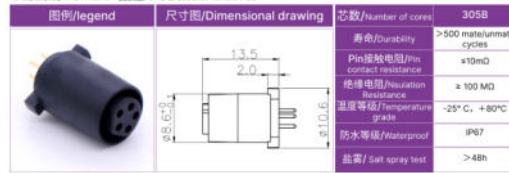


**8防尘帽 Female**

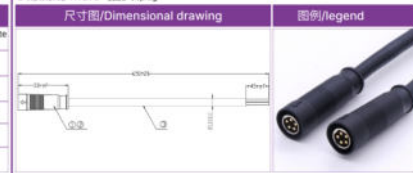


## 8 螺纹连接器

**8物流线 Female 插座 PCB /socket female PCB**



**8物流线 Male 插头 /plug**



标准产品基础参数表 (注: 此表为产品常规性能技术参数表, 非常规产品支持定制)

303A	304A	305B	306A	308A	芯数/Number of cores
	1.0mm		0.7mm	0.6mm	导体直径/Conductor diameter
	24AWG		26AWG		适配线缆/Adaptable cable
	3A		1A		额定电流/Rated current
60V		30V			额定电压/Rated voltage
		≤10mΩ			接触电阻/contact resistance
		≥100mΩ			绝缘电阻/Insulation resistance
		>1000 mate/unmate cycles			寿命/Durability
		-25° C, +80° C			温度等级/Temperature grade
		IP67			防水等级/Waterproof
		>48h			盐雾/ Salt spray test

## 9 螺纹连接器



## 9 螺纹连接器

## 9 产品编码原则 9 Part Number System

Plastic-molded Plug	9I	1	304	A	F	Y	B	G1	
Assembled plug	I	S	303	A	M	A	B	G1	D
Fixed socket	9F	9	304	A	F	L	B	G1	

## Model series/型号:

A-Plastic-molded/普通包胶式  
 I-Plastic-molded with short shielded shell/半屏蔽壳包胶式  
 G-Assembly shielded/装配式带屏蔽  
 E-ear panel mounting socket/内锁插座(板前安装)  
 F-Front panel mounting socket /外锁插座(板后安装)  
 H-PCB(DIP)/socket/插板式插座

## Surface texture/外观:

plug 插头: 1-Mesh structure metal /金属网纹, E-Right angle 弯角, S-Straight 直式  
 socket 插座: 0-Panelthread/面板螺纹 M9×0.5, 9-Panelthread/面板螺纹 M12×0.5

## Housing number/胶芯针数:

A coding 302、303、304、305、307、308

## Housing coding/胶芯类型:

(Prevent mistaken insertion/防误插)A coding

## Housing type/胶芯:

M-male/公胶芯(装配公针), F-female/母胶芯(装配母针)

Collet type/线夹类型: D-Metal Collet/金属线夹

## Surface preparation/表面处理:

GI-gold flash/镀金  
 G3-gold plating 3U/镀金 3U

## Contact pin length/针长度:

L-Pin higher than shell end face/长针  
 S-Pin lower than shell end face/短针  
 B-standard/标准长度

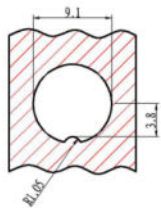
## Contact pin type/针类型:

A-turning male pin solder/车制焊线式公针  
 L-turning female pin solder/车制焊线式母针  
 Y-stamping female pin solder/冲压焊线式母针  
 D-male pin for PCB(DIP)/插板式公针  
 N-female pin for PCB(DIP)/插板式母针  
 W-male pin right angle/弯角公针  
 V-female pin right angle/弯角母针

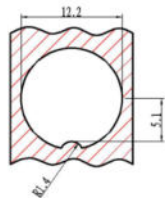
## 9 螺纹连接器

## 9 简介 (9 Introduction)

## 1. 装配螺牙和安装孔关系 (Assembly thread type)

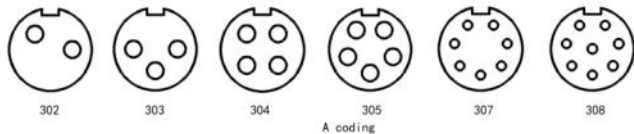


装配螺牙 M9



装配螺牙 M12

## 2. 胶芯类型及芯数-9 (Insulator type-9)

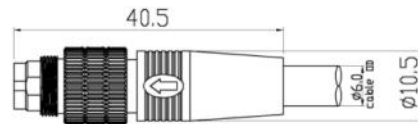
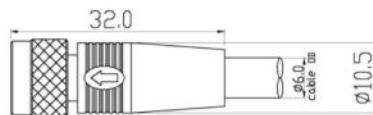


A coding

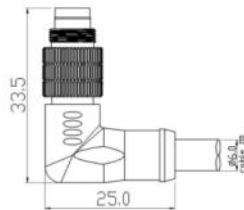
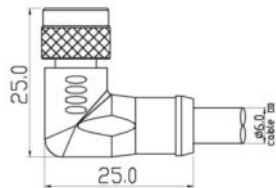
## 9 螺纹连接器

## 3. 包胶外模

## 3.1 直头 (电线 OD 不超过 6.0mm)



## 3.2 弯头 (电线 OD 不超过 6.0mm)


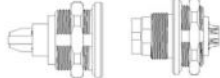
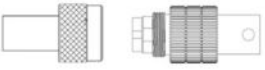
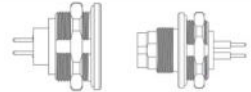

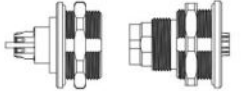
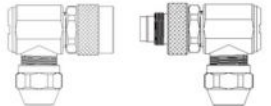
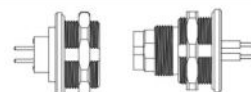





## 9 螺纹连接器

### 9 常规插头系列 9 plug serie

### 9 常规插座系列 9 Socket series

9A1		9E9		9E9
9I1		9E9		9E9
9GS		9F9		9F0/9
9GE		9F9		9F0/9
		9H9		9H9

## 9 螺纹连接器

### 9I1 Male 短款屏蔽网纹 公胶芯 Overmold type with short shield shell male

图例/legend	尺寸图/Dimensional drawing
	料号: 9I13**AMABG1 

### 9GS Male 金属装配焊线式 公胶芯 Metal assembly soldering type

图例/legend	尺寸图/Dimensional drawing
	料号: 9GS3**AMABG1D 


### 9GE Male 金属装配焊线式 公胶芯 Metal assembly soldering type

图例/legend	尺寸图/Dimensional drawing
	料号: 9GE3**AMABG1D 

### 9I1 Female 短款屏蔽网纹 母胶芯 Overmold type with short shield shell female

图例/legend	尺寸图/Dimensional drawing
	料号: 9I13**AFYBG1 


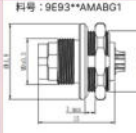
### 9GS Female 金属装配焊线式 母胶芯 Metal assembly soldering type

图例/legend	尺寸图/Dimensional drawing
	料号: 9GS3**AFLBG1D 

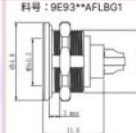
### 9GE Female 金属装配焊线式 母胶芯 Metal assembly soldering type

图例/legend	尺寸图/Dimensional drawing
	料号: 9GE3**AFLBG1D 

### 9E9 Male 后锁插座标准 公胶芯 Rear lock socket standard male core

图例/legend	尺寸图/Dimensional drawing
	料号: 9E93**AMABG1 

### 9E9 Female 后锁插座标准 母胶芯 Rear lock socket standard female core

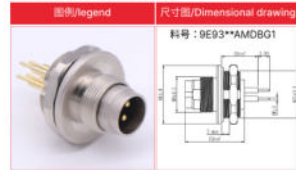
图例/legend	尺寸图/Dimensional drawing
	料号: 9E93**AFLBG1 

### 9F9 Male 前锁插座标准 公胶芯 Front lock socket standard male core

图例/legend	尺寸图/Dimensional drawing
	料号: 9F93**AMABG1 

## 9 螺纹连接器

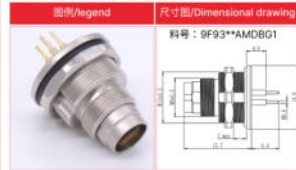
**9E9 Male后锁插座标准 公胶芯 PCB**  
Rear lock socket standard male core PCB



**9E9 Female后锁插座标准 母胶芯 PCB**  
Rear lock socket standard female core PCB



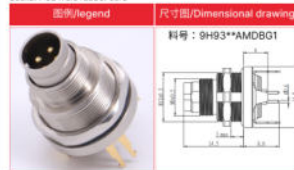
**9F9 Male前锁插座标准 公胶芯 PCB**  
Front lock socket standard male core PCB



**9F9 Female前锁插座标准 母胶芯**  
Front lock socket standard female core



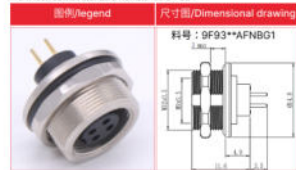
**9H9 Male插座 PCB 公胶芯**  
Socket PCB male rubber core



**9H9 Female插座 PCB 母胶芯**  
Socket PCB female rubber core



**9F9 Female前锁插座标准 母胶芯 PCB**  
Front lock socket standard female core PCB



## 9 螺纹连接器

标准产品基础参数表 (注: 此表为产品常规性能技术参数表, 非常规产品支持定制)

303	303	304	305	307	308	芯数/Number of cores
1.0mm			0.5mm			导体直径/Conductor diameter
24AWG			26AWG			适配线缆/Adaptable cable
4A		3A		1A		额定电流/Rated current
125V						额定电压/Rated voltage
≤10mΩ						接触电阻/contact resistance
≥100mΩ						绝缘电阻/Insulation resistance
> 500 mate/unmate cycles						寿命/Durability
-25° C, +80° C						温度等级/Temperature grade
IP67						防水等级/Waterproof
>48h						盐雾/ Salt spray test

## 12 螺纹连接器



## 12 螺纹连接器

## 12 产品编码原则 12 part Numbering system

Plastic-molded Plu	12A	1	308	A	F	L	B	G1		
Assembly Plug	12K	5	305	A	M	S	B	G1	K	8
Fixed socket	12F	7	308	A	F	L	L	G1		

Model series/型号：注 1

Surface texture/外观：注 2

Housing number/胶芯针数：注 3

Housing coding/胶芯类型：注 4

Housing type/胶芯：注 5

Cable OD/电缆直径：注 10

Collect type/线夹类型：注 9

Surface preparation/表面处理：注 8

Contact pin length/针长度：注 7

Contact pin type/针类型：注 6



## 12 螺纹连接器

## 12 编码原则详细注解 12 Detailed coding principle notes

## 注

## 1. Model series/型号:

- A-Plastic-molded/普通包胶式,
- B-Plastic-molded with shielded shell/全屏蔽壳包胶式,
- I-Plastic-molded with short shielded shell/半屏蔽壳包胶式,
- S-Plastic-molded with short shielded shell and spring/带弹簧半屏蔽壳包胶式,
- C-Plastic-molded Anti-vibration/防振动包胶式,
- K-Assembly shielded/装配带屏蔽,
- E-Rear panel mounting socket/内锁插座(板前安装),
- F-Front panel mounting socket/外锁插座(板后安装),
- D-Square flange socket/方型法兰盘,
- H-PCB(DIP)socket/插板式插座

## 2. Surface texture/外观:

- plug 插头:
- 1-Mesh structure metal /金属网纹
- 2-Straight knurling/直纹
- 3-Pineapple texture/菠萝纹
- 4-Hexagon/六角 5-Knurling and hexagon/直纹+六边形
- A-Mesh structure Plastic/塑胶网纹
- socket 插座:
- 7-Panel thread/面板螺纹 Pg9
- 8-Panel thread/面板螺纹 M16×1.5
- 9-Panel thread/面板螺纹 M12×1.0
- 0-Standard 标准

## 3. Housing number/胶芯针数:

- A coding : 303, 304, 305, 306, 308, 312, 317,
- B coding : 304, 305,
- D coding : 304, 305,
- X coding : 308,
- Y coding : 308,
- S coding : 304,
- T coding : 304,
- K coding : 305,
- L coding : 305

## 4. Housing coding/胶芯类型:

(Prevent mistaken insertion/防误插)A、B、D、X、K、L、S、T、Y coding

## 5. Housing type/胶芯:

M-male/公胶芯(装配公针), F-female/母胶芯(装配母针)

## 6. Contact pin type/针类型:

- A-turning male pin solder/车制焊线式公针
- L-turning female pin solder/车制焊线式母针,
- Z-stamping male pin solder/冲压焊线式公针,
- Y-stamping female pin solder/冲压焊线式母针,
- D-male pin for PCB(DIP)/插板式公针,
- N-female pin for PCB(DIP)/插板式母针,
- W-male pin right angle/弯角公针,
- V-female pin right angle/弯角母针

## 7. Contact pin length/针长度:

- L-Pin higher than shell end face/长针,
- S-Pin lower than shell end face/短针,
- B-standard/标准长度

## 8. Surface preparation/表面处理:

GI-gold flash/镀金, G3-gold plating 3U"/镀金 3U"

## 9. Collet type/线夹类型:

K-Collet/线夹

## 10. Cable OD/电缆直径:

Cable OD max./电线最大外径 (参考规格书)

## 12 螺纹连接器

## 12 简介 (12 Introduction)

## 1. 螺帽种类 (Nut type)



网纹  
Mesh structure metal



直纹  
Straight knurling

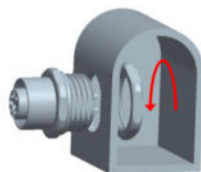


菠萝纹  
Pineapple texture

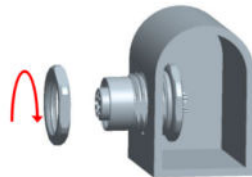


六角直纹  
knurling and hexagon

## 2. 装配方式



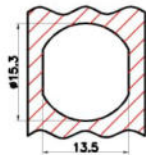
内锁  
front/screw mounting with thread



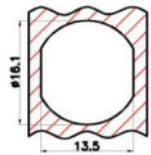
外锁  
rear/screw mounting with threa

## 12 螺纹连接器

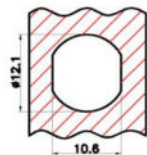
### 3. 装配螺牙和安装孔关系 (Assembly thread type)



装配螺牙 PG9



装配螺牙 M16\*1.5



装配螺牙 M12\*1.0

### 4. 胶芯类型及芯数-12 (Insulator type-12)

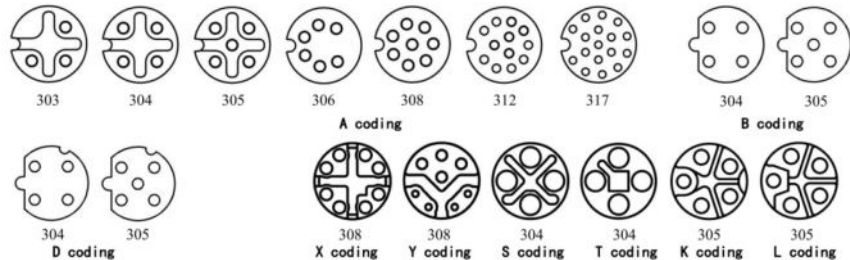
M-公胶芯



F-母胶芯



## 12 螺纹连接器



### 5. 针类型 (Pin type)



90°PCB (插板式)  
90°Printed Circuit Board Conjugates



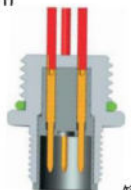
PCB (插板式)  
Printed Circuit Board Conjugates



焊线式  
bond wire type

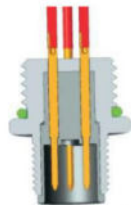
## 12 螺纹连接器

### 5. 针长度 (Pin length)



短针：针低于胶面和外壳

Short pin : The pin is below the glue surface and the housing



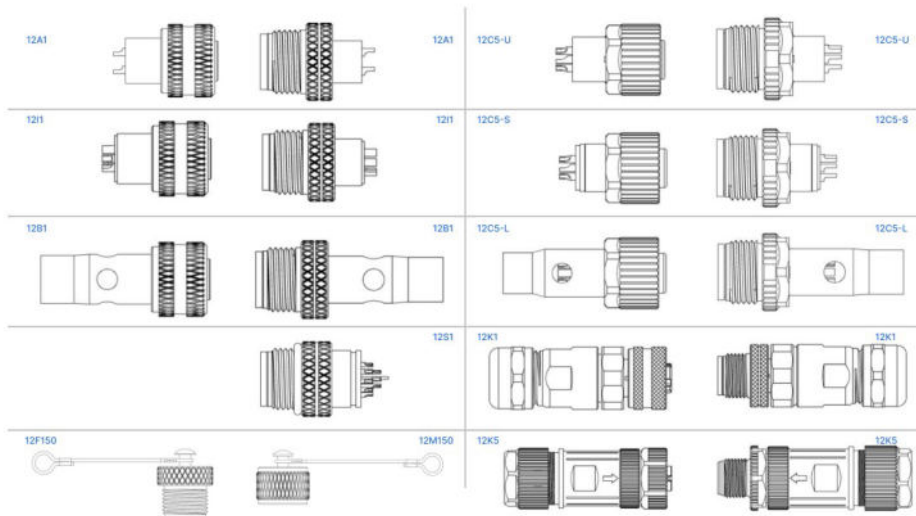
长针：针高于胶面和外壳

Long pin : The pin is higher than the glue surface and the Shell



## 12 螺纹连接器

### 12 常规插头系列 12 plug serie



## 12螺纹连接器

### 12 常规插座系列/ 12 socket serie

12E7 装配孔PG9		12E7 装配孔PG9	12F7 装配孔PG9		12F7 装配孔PG9
12E8 装配孔M16		12E8 装配孔M16	12F8 装配孔M16		12F8 装配孔M16
12E9 装配孔M12		12E9 装配孔M12	12F9 装配孔M12		12F9 装配孔M12
12H4 装配孔M12		12H4 装配孔M12	12H9 外壳可选		12H9 外壳可选
12D 装配孔 OD12.2		12D 装配孔 OD12.2			

## 12螺纹连接器

### 12A1 Male 普通网纹包胶式公头

Overmold type male

图例/legend	尺寸图/Dimensional drawing
	料号: #12A1****MABG1  25.5max 13.6 M12x1.0 L#8.00 (M13)

### 12I1 Male 半屏蔽网纹包胶式公头

Semi shielding overmold type male

图例/legend	尺寸图/Dimensional drawing
	料号: #12I1****MABG1  25.5max M12x1.0 L#8.7

### 12B1 Male 全屏蔽网纹包胶式公头

Full shielding overmold type male

图例/legend	尺寸图/Dimensional drawing
	料号: #12B1****MABG1  25 13.6 M12x1.0 L#8.4

### 12A1 Female 普通网纹包胶式母头

Overmold type female

图例/legend	尺寸图/Dimensional drawing
	料号: #12A1****FLBG1  25max 11.5 L#9.00

### 12I1 Female 半屏蔽网纹包胶式母头

Semi shielding overmold type female

图例/legend	尺寸图/Dimensional drawing
	料号: #12I1****FLBG1  25max L#9.75

### 12B1 Female 全屏蔽网纹包胶式母头

Full shielding overmold type female

图例/legend	尺寸图/Dimensional drawing
	料号: #12B1****FLBG1  33.6 11.5 L#9.75

### 12C5-U Male 无屏蔽防振防松包胶式公头

Overmold type shockproof male

图例/legend	尺寸图/Dimensional drawing
	料号: #12C5****MABU  25.5max 13.2 M12x1.0 L#8.00 L#14.5

### 12C5-S Male 半屏蔽防振防松包胶式公头

Semi shielding overmold type shockproof male

图例/legend	尺寸图/Dimensional drawing
	料号: #12C5****MABS  25.5max M12x1.0 L#8.3 L#14.5

### 12C5-L Male 全屏蔽防振防松包胶式公头

Full shielding overmold type shockproof male

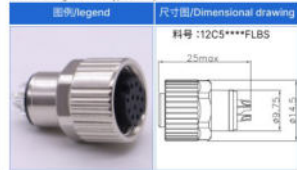
图例/legend	尺寸图/Dimensional drawing
	料号: #12C5****MABL  28.0 L#14.5

## 12 螺纹连接器

**12C5-U Female 无屏蔽防振防松包胶式母头**  
Overmold type shockproof female



**12C5-S Female 半屏蔽防振防松包胶式母头**  
Semi shielding overmold type shockproof female



**12C5-L Female 全屏蔽防振防松包胶式母头**  
Full shielding overmold type shockproof female



**12K1 Male 装配式防水公头**  
Assembly type waterproof male



**12K5 Male 装配式防水公头**  
Assembly type waterproof male



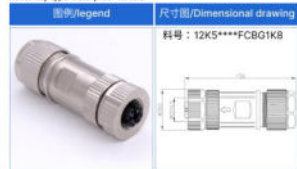
**12S1 Male 半屏蔽带弹簧包胶式公头**  
Semi shielding overmold type with spring male



**12K1 Female 装配式防水母头**  
Assembly type waterproof female



**12K5 Female 装配式防水母头**  
Assembly type waterproof female

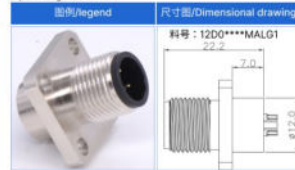


**12KB Female 装配式防水母头**  
Assembly type waterproof female



## 12 螺纹连接器

**12D0 Male 方形法兰公座**  
Square flange socket male



**12E7 Male 内锁公座 PG9 焊线式**  
Rear panel mounting socket male PG9 pin solder



**12E7 Male 内锁公座 PG9 PCB式**  
Rear panel mounting socket male PG9 PCB



**12D0 Female 方形法兰母座**  
Square flange socket female



**12E7 Female 内锁母座 PG9 焊线式**  
Rear panel mounting socket female PG9 pin solder



**12E7 Female 内锁母座 PG9 PCB式**  
Rear panel mounting socket female PG9 PCB



**12E8 Male 内锁公座 M16 焊线式**  
Rear panel mounting socket male M16 pin solder



**12E8 Male 内锁公座 M16 PCB式**  
Rear panel mounting socket male M16 PCB



**12E9 Male 内锁公座 M12 焊线式**  
Rear panel mounting socket male M12 pin solder





## 12 螺纹连接器

**12E8 Female 内锁母座 M16 焊线式**

Rear panel mounting socket female M16 pin solder



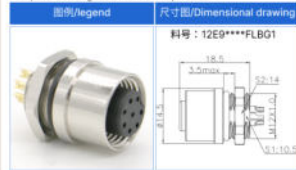
**12E8 Female 内锁母座 M16 PCB式**

Rear panel mounting socket female M16 PCB



**12E9 Female 内锁母座 M12 焊线式**

Rear panel mounting socket female M12 pin solder



**12E9 Male 内锁公座 M12 PCB式**

Rear panel mounting socket male M12 PCB



**12F7 Male 外锁公座 PG9 焊线式**

Front panel mounting socket male PG9 pin solder



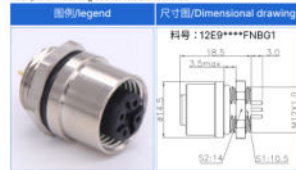
**12F7 Male 外锁公座 PG9 PCB式**

Front panel mounting socket male PG9 PCB



**12E9 Female 内锁母座 M12 PCB式**

Rear panel mounting socket female M12 PCB



**12F7 Female 外锁母座 PG9 焊线式**

Front panel mounting socket female PG9 pin solder



**12F7 Female 外锁母座 PG9 PCB式**

Front panel mounting socket female PG9 PCB



## 12 螺纹连接器

**12F8 Male 外锁公座 M16 焊线式**

Front panel mounting socket male M16 pin solder



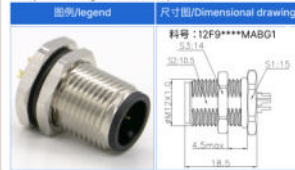
**12F8 Male 外锁公座 M16 PCB式**

Front panel mounting socket male M16 PCB



**12F9 Male 外锁公座 M12 焊线式**

Front panel mounting socket male M12 pin solder



**12F8 Female 外锁母座 M16 焊线式**

Front panel mounting socket female M16 pin solder



**12F8 Female 外锁母座 M16 PCB式**

Front panel mounting socket female M16 PCB



**12F9 Male 内锁母座 M12 PCB式**

Front panel mounting socket male M12 PCB



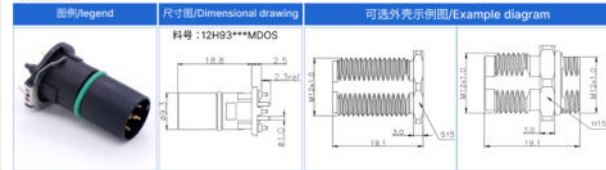
**12H4 Male 弯角公座 PCB 式**

Right angle socket male PCB



**12H9 Male PCB 式公座**

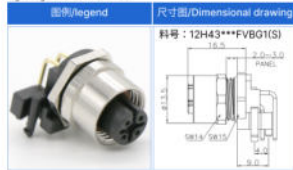
PCB socket male



## 12 螺纹连接器

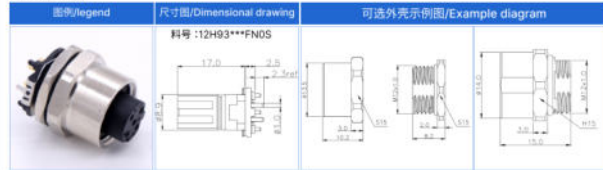
12H4 Female 弯角母座 PCB 式

Right angle socket female PCB

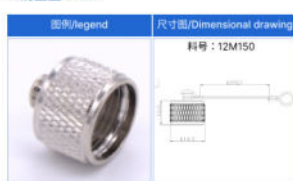


12H9 Female PCB 式母座

PCB socket female



12防尘盖 Male



12防尘盖 Female



## 12 螺纹连接器

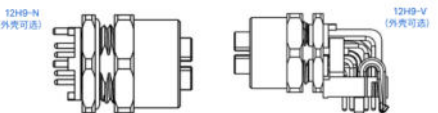
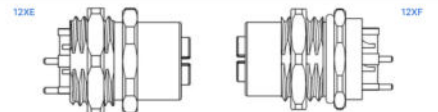
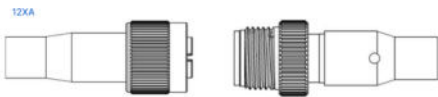
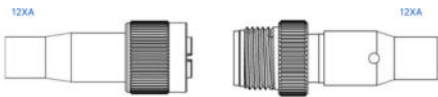
标准产品基础参数表 (注: 此表为产品常规性能技术参数表, 非常规产品支持定制)

303A	304A	304B	304D	305A	305B	305D	306A	308A	312A	317A	305K	305L	304S	304T	703A	芯数/Number of cores	
4A				2A		1A		12A		16A		12A			额定电流/Rated current		
250V			60V			30V			630V		63V		630V		63V		额定电压/Rated voltage
1.0mm				0.8mm		0.6mm		1.5mm			1.8mm					导体直径/Conductor diameter	
22AWG				24AWG		26AWG		16AWG									适配线缆/Adaptable cable
>500 mate/unmate cycles																寿命/Durability	
≤10mΩ																接触电阻/contact resistance	
≥100mΩ																绝缘电阻/Insulation resistance	
-25° C, +80° C																温度等级/Temperature grade	
IP67																防水等级/Waterproof	
>48h																盐雾/ Salt spray test	



## 12 螺纹连接器

### 12 X 扣系列/ 12 X coding serie



## 12 螺纹连接器

### 12XA Male X coding 包胶式公头 X coding overmold type male



### 12K5 Male X coding 装配式公头 X coding assembly type male



### 12XE Female X coding 内锁母座 PG9 PCB 式 X coding rear panel mounting socket female PG9 PCB female



### 12XA Female X coding 包胶式母头 X coding overmold type female



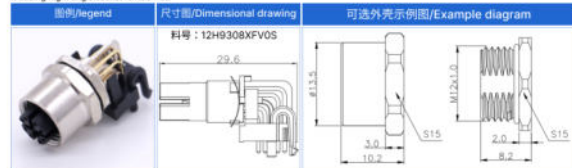
### 12K5 Female X coding 装配式母头 X coding assembly type female



### 12XF Female X coding 外锁母座 PG9 PCB 式 X coding front panel mounting socket female PG9 PCB



### 12H9 Female X coding 弯角母座 PCB 式 X coding Right angle socket female PCB




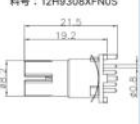
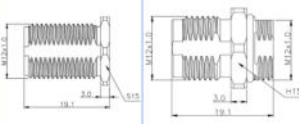
### 12XF Female X coding 外锁母座 PG9 焊线式 X coding front panel mounting socket female PG9 pin solder



## 12 螺纹连接器

## 12H9 Female X coding 外锁母座 PG9 PCB式

X coding rear panel mounting socket female PG9 PCB

图例/legend	尺寸图/Dimensional drawing	可选外壳示例图/Example diagram
	料号: 12H9308XFN0S 	

## 12YA Male Y coding 包胶式公头

Y coding overmold type male

图例/legend	尺寸图/Dimensional drawing
	料号: 12YA308MABG1 

## 12YF7 Female Y coding 外锁母座 PG9 PCB

Y coding front panel mounting socket female PG9 PCB

图例/legend	尺寸图/Dimensional drawing
	料号: 12YF7308FNBG1 

## 12YF7 Female Y coding 外锁母座 PG9 PCB

Y coding front panel mounting socket female PG9 PCB

图例/legend	尺寸图/Dimensional drawing
	料号: 12YF7308FNBG1 

## 12 螺纹连接器

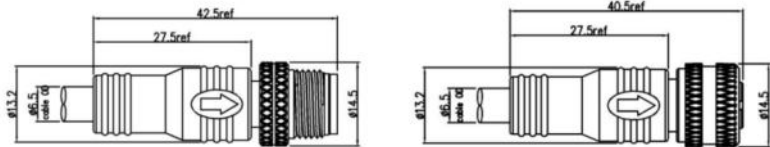
X coding		Y coding	
308	芯数/Number of cores	306	308
0.5A	额定电流/Rated current	12A	
48V	额定电压/Rated voltage	50V	
>500 mate/unmate cycles	寿命/Durability	>500 mate/unmate cycles	
≤10mΩ	Pin接触电阻/Pin contact resistance	≤10mΩ	
≥100mΩ	绝缘电阻/Insulation Resistance	≥100mΩ	
-25° C, +80° C	温度等级/Temperature grade	-25° C, +80° C	
IP67	防水等级/Waterproof	IP67	
>48h	盐雾/Salt spray test	>48h	
26~24AWG	适配线缆/Adaptable cable		

## 12 螺纹连接器

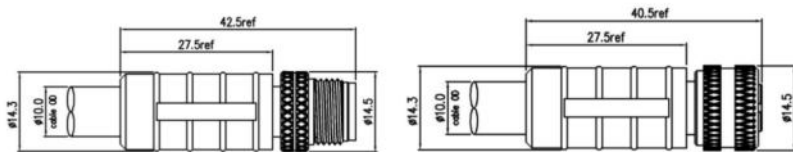
## 12 线束/ 12 cable assembly

## 1. 包胶外模

## 1.1 直头小模 (电线 OD 不超过 6.5mm)

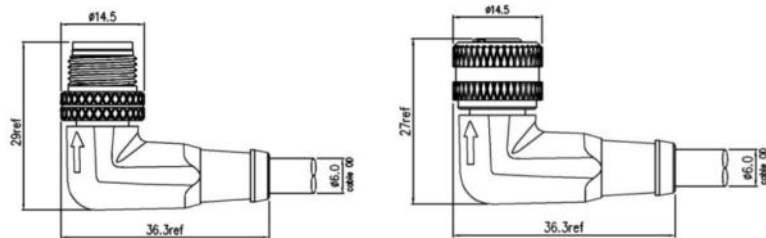


## 1.2 直头大模 (电线 OD 不超过 10mm)

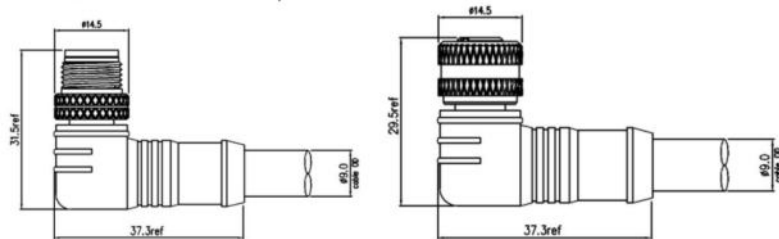


## 12 螺纹连接器

## 1.3 弯头小模 (电线 OD 不超过 6.5mm)

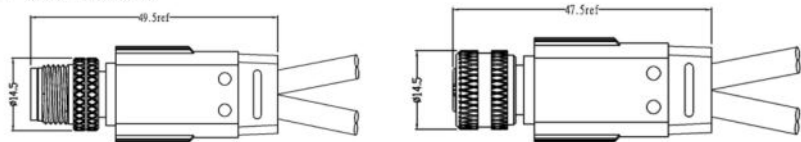


## 1.4 弯头大模 (电线 OD 不超过 9mm)

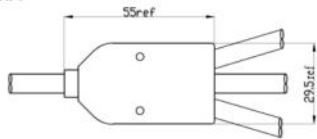


## 12 螺纹连接器

1.5 一出二分线直头外模

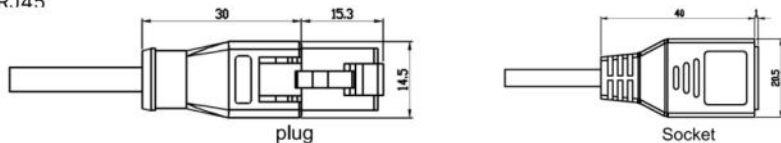


1.6 一出多分线模



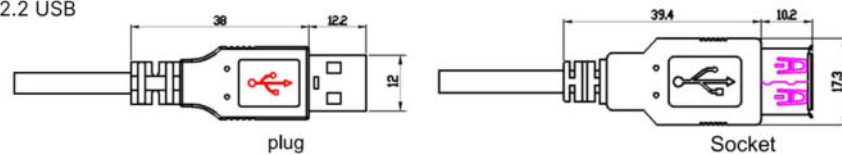
2. 线束搭配连接器

2.1 R.145

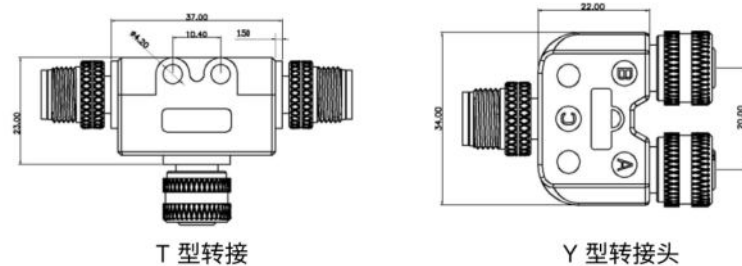


## 12 螺纹连接器

2.2 USB



三通转接头



T 型转接

Y 型转接头

(此类转接头的三款连接器及其相互之间的线位可根据客户需求定制)

## 12 螺纹连接器

## 3. 常用电线

## 3.1 电子线 UL1007

CT-P/N	AWG	外径	温度	颜色
W0001	22	1.6	80° C	黑、红、黄、白、蓝、紫、灰、棕
W0002	24	1.4	80° C	黑、红、黄、白、蓝、绿、紫、灰、橙、棕、粉红
W0003	26	1.3	80° C	黑、红、黄、白、兰、绿、紫、灰、橙、棕

## 3.2 网线

CT-P/N	规格	外皮材质	外皮颜色	特性
B0017	26AWGx4P, OD7.0mm	PVC	绿色	屏蔽
B0029	26AWGx4P, OD6.5mm	PVC	黑色	屏蔽
B0018	24AWGx4P, OD5.5mm	PVC	黑色	非屏蔽
B0019	24AWGx2P, OD6.7mm	PVC	黑色	屏蔽

## 3.3 USB

CT-P/N	规格	外皮材质	外皮颜色	特性
B0051	28AWG/1P+24AWG/2C, OD4.4mm	PVC	黑色	屏蔽

## 12 螺纹连接器

## 3.4 控制线 UL2464(无屏蔽)

CT-P/N	规格	外皮材质	外皮颜色	特性
B0003	UL2464 22AWG*4C, OD4.7mm	PVC	黑色	非屏蔽
B0004	UL2464 22AWG*5C, OD5.6mm	PVC	黑色	非屏蔽
B0005	UL2464 24AWGx8C, OD5.8mm	PVC	黑色	非屏蔽
B0006	UL2464 26AWGx12C, OD6.5mm	PVC	黑色	非屏蔽

## 3.5 控制线 UL2464(屏蔽)

CT-P/N	规格	外皮材质	外皮颜色	特性
B0007	UL2464 22AWG*4C, OD5.2mm	PVC	黑色	屏蔽
B0008	UL2464 22AWG*5C, OD6.1mm	PVC	黑色	屏蔽
B0016	UL2464 24AWGx8C, OD6.3mm	PVC	黑色	屏蔽

## 3.6 控制线 (PUR)

CT-P/N	规格	外皮材质	外皮颜色	特性
C0008	22AWG*4C OD4.6mm	PUR	黑色	非屏蔽

## 3.7 拖链线

CT-P/N	规格	外皮材质	外皮颜色	特性
L0001	拖链型 4 芯超五类 SFTP 双屏蔽	PVC	绿色	屏蔽
L0002	拖链型 8 芯超五类 SFTP 双屏蔽	PVC	黑色	屏蔽
L0003	工业拖链型 8 芯带十字架超六类 SFTP 双屏蔽	PVC	橙色	屏蔽
L0004	工业拖链型 8 芯七类 SFTP 双屏蔽	PVC	黑色	屏蔽

## 12螺纹连接器



## 12螺纹连接器

### 12/RJ45 转接头编码原/ 12 to RJ45 Adaptor Part Number System

Fixed socket	JTM12	308	X	M	E	RJ45
Free socket	JDM12	308	X	M	E	RJ45

Model series/型号：  
JTM12-Fixed socket/固定式转接插座  
JDM12-Free socket/活动式转接插座

Housing number/胶芯针数：  
A coding : 308  
D coding : 304  
X coding : 308

Housing coding/胶芯类型：  
(Prevent mistaken insertion/防误插)A、D、X coding

RJ45 : RJ45/水晶头

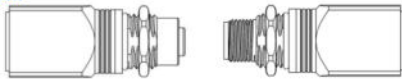
Angle/角度 : E-90°, S-180°

Housing type/胶芯：  
M-male/公胶芯(装配公针)  
F-female/母胶芯(装配母针)

## 12 螺纹连接器

### 面板式转接头系列/Panel type adapter serie

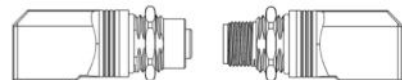
12 转 RJ45  
直头



12 转 RJ45  
直头



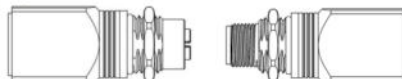
12 转 RJ45  
弯头



12 转 RJ45  
弯头



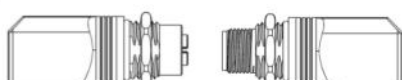
12 X coding 转 RJ45  
直头



12 X coding 转 RJ45  
直头



12 X coding 转 RJ45  
弯头



12 X coding 转 RJ45  
弯头



## 12 螺纹连接器

JT-AFS

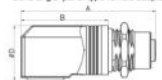
直式固定式母转接头  
Straight panel type female adaptor



料号	芯数	尺寸 (mm)		
		A	B	D
JTM123**AFSRJ45	**	49.2	32	20

JT-AFE

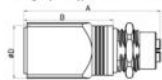
弯角固定式母转接头  
Bend angle panel type female adaptor



料号	芯数	尺寸 (mm)		
		A	B	D
JTM123**AFERJ45	**	48.7	31.5	19.8

JT-XFS

直式 X code 固定式母转接头  
Straight panel type X code female adaptor



料号	芯数	尺寸 (mm)		
		A	B	D
JTM12308XFSRJ45	8	49.7	32	20

JT-XFE

弯角 X code 固定式母转接  
Bend angle panel type X code female adaptor



料号	芯数	尺寸 (mm)		
		A	B	D
JTM12308XFERJ45	8	48.7	31	19.8

JT-AMS

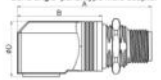
直式固定式公转接头  
Straight panel type male adapter



料号	芯数	尺寸 (mm)		
		A	B	D
JTM123**AMSRJ45	**	50	32	20

JT-AME

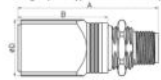
弯角固定式公转接头  
Bend angle panel type male adapter



料号	芯数	尺寸 (mm)		
		A	B	D
JTM123**AMERJ45	**	49	31	19.8

JT-XMS

直式 X code 固定式公转接头  
Straight panel type X code male adapter



料号	芯数	尺寸 (mm)		
		A	B	D
JTM12308XMSRJ45	8	50	32	20

JT-XME

弯角 X code 固定式公转接  
Bend angle panel type X code male adapter



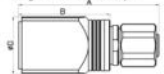
料号	芯数	尺寸 (mm)		
		A	B	D
JTM12308XMERJ45	8	49	31	19.8



## 12 螺纹连接器

### JD-AFS

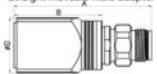
直式活动式母转接头  
Straight movable female adaptor



料号	芯数	尺寸 (mm)		
		A	B	D
JDM123**AFSR,J45	**	49.2	32	20

### JD-AMS

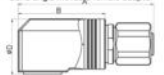
直式活动式公转接头  
Straight movable male adapter



料号	芯数	尺寸 (mm)		
		A	B	D
JDM123**AMSR,J45	**	50	32	20

### JD-AFE

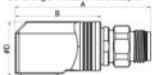
弯角活动式母转接头  
Bend angle movable female adapter



料号	芯数	尺寸 (mm)		
		A	B	D
JDM123**AFER,J45	**	48.2	31	19.8

### JD-AME

弯角活动式公转接头  
Bend angle movable male adapter



料号	芯数	尺寸 (mm)		
		A	B	D
JDM123**AMER,J45	**	49	31	19.8

### JD-XFS

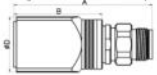
直式 X code 活动式母转接头  
Straight movable X code female adaptor



料号	芯数	尺寸 (mm)		
		A	B	D
JDM12308XFSR,J45	8	49.7	32	20

### JD-XMS

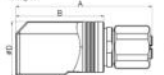
直式 X code 活动式公转接头  
Straight movable X code male adapter



料号	芯数	尺寸 (mm)		
		A	B	D
JDM12308XMSR,J45	8	50	32	20

### JD-XFE

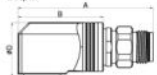
弯角 X code 活动式母转接  
Bend angle movable X code female adapter



料号	芯数	尺寸 (mm)		
		A	B	D
JDM12308XFER,J45	8	48.7	31	19.8

### JD-XME

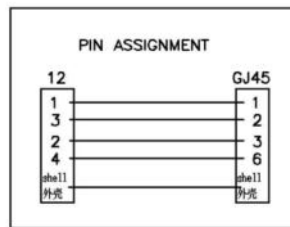
弯角 X code 活动式公转接  
Bend angle movable X code male adapter



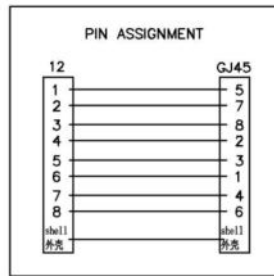
料号	芯数	尺寸 (mm)		
		A	B	D
JDM12308XMER,J45	8	49	31	19.8

## 12 螺纹连接器

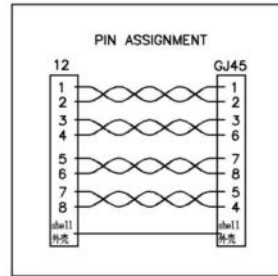
### 标准配线表



4pin 接线图



8pin 接线图



X 扣接线图

## 16 螺纹连接器



## 16 螺纹连接器

### 16 产品编码原则 16 part Numbering system

Plastic-molded Plug	16A	1	304	A	F	L	B	G			
Assembly Plug	16K	1	303	A	M	A	B	G1	D	62	
Fixed socket	16F	0	308	A	F	L	B	G			

Model series/型号: A-Plastic-molded/普通包胶式 I-Plastic-molded with short shielded shell/半屏蔽壳包胶式 G-Assembly shielded/装配式带屏蔽 K-Assembly shielded, waterproof/装配式带屏蔽 E-Rear panel mounting socket/内锁插座(板前安装) F-Front panel mounting socket/外锁插座(板后安装)	Surface texture/外观: plug 插头: 1-Mesh structure metal/金属网纹 socket 插座: 0-standard 标准	Housing number/胶芯针数: A coding: 303, 304, 305, 306, 308, 312, 319 B coding: 307, 314	Housing coding/胶芯类型: (Prevent mistaken insertion 防误插)A, B coding	Housing type/胶芯: M-male/公胶芯(装配公针) F-female/母胶芯(装配母针)
---	---	---	---	--

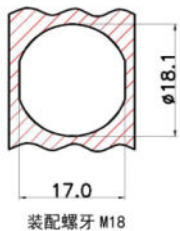
  

Cable OD/电缆直径: Cable OD max./电线最大外	Coilet type/线夹类型: D-Coilet/线夹	Surface preparation/表面处理: G1-gold flash/镀金 G3-gold plating 3U/镀金 3U	Contact pin length/针长度: L-Pin higher than shell end face/长针 S-Pin lower than shell end face/短针 B-standard/标准长度	Contact pin type/针类型: A-turning male pin solder/车制焊线式公针 L-turning female pin solder/车制焊线式母针 Z-stamping male pin solder/冲压焊线式公针 Y-stamping female pin solder/冲压焊线式母针 D-male pin for PCB(DIP)/插板式公针 N-female pin for PCB(DIP)/插板式母针
------------------------------------	-------------------------------	---	---	---

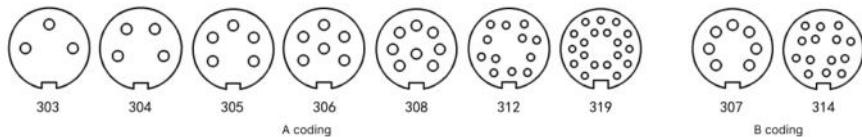
## 16 螺纹连接器

## 16 简介 (16 Introduction)

## 1. 装配螺牙和安装孔关系 (Assembly thread type)



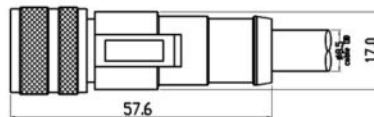
## 2. 胶芯类型及芯数-16 (Insulator type-16)



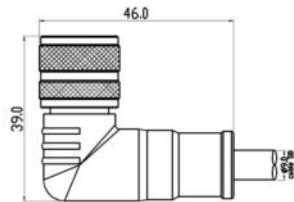
## 16 螺纹连接器

## 3. 包胶外模

## 3.1 直头 (电线 OD 不超过 8.5mm)



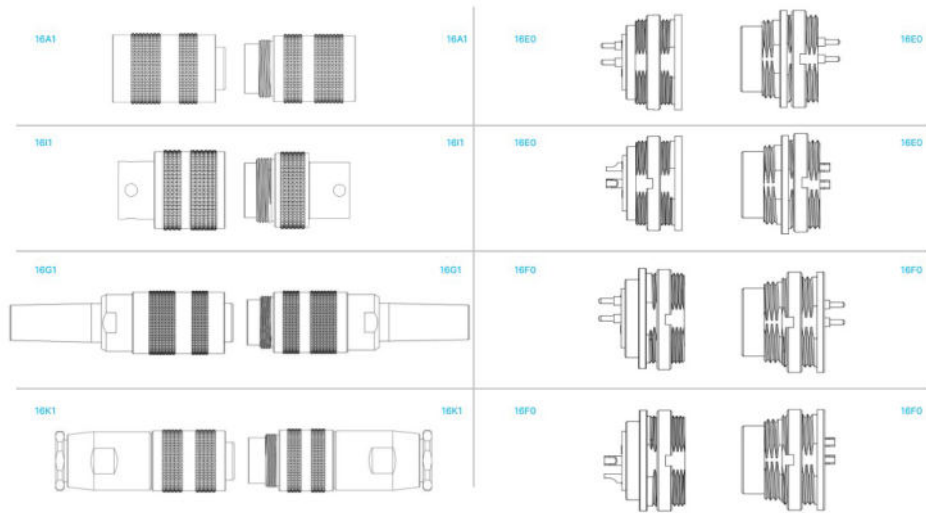
## 3.2 弯头 (电线 OD 不超过 9.0mm)



## 16 螺纹连接器

### 16 常规插头系列 16 plug serie

### 16 常规插座系列 16 Socket series

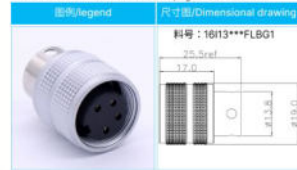


## 16 螺纹连接器

**16A1 Female 普通包胶式插头 母胶芯**  
Plastic-molded plug female rubber core



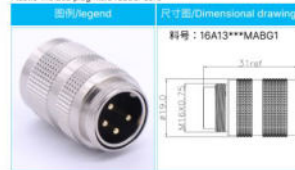
**16I1 Female 半屏蔽壳包胶式插头 母胶芯**  
Plastic-molded with short shielded shell plug female rubber core



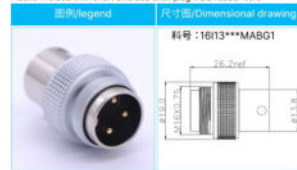
**16G1 Female 装配式带屏蔽插头 母胶芯**  
Assembly shielded plug male rubber core



**16A1 Male 普通包胶式插头 公胶芯**  
Plastic-molded plug male rubber core



**16I1 Male 半屏蔽壳包胶式插头 公胶芯**  
Plastic-molded with short shielded shell plug male rubber core



**16G1 Male 半屏蔽壳包胶式插头 公胶芯**  
Assembly shielded plug male rubber core



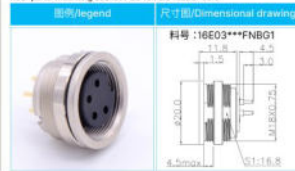
**16K1 Female 装配式带屏蔽防水插头 母胶芯**  
Assembly shielded, waterproof plug female rubber core



**16E0 Female 内锁插座焊接(板前安装) 母胶芯**  
Rear panel mounting socket weld female rubber core



**16E0 Female 内锁插座PCB(板前安装) 母胶芯**  
Rear panel mounting socket PCB female rubber core

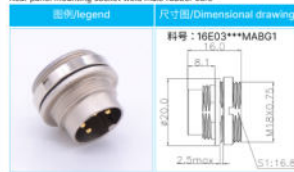


## 16螺纹连接器

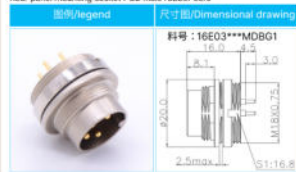
**16K1 Male 装配式带屏蔽防水插头 公胶芯**  
Assembly shielded, waterproof male rubber core



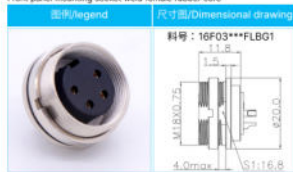
**16E0 Male 内锁插座焊接(板前安装) 公胶芯**  
Rear panel mounting socket weld male rubber core



**16E0 Male 内锁插座PCB(板前安装) 公胶芯**  
Rear panel mounting socket PCB male rubber core



**16F0 Female 外锁插座(板后安装)焊接 母胶芯**  
Front panel mounting socket weld female rubber core



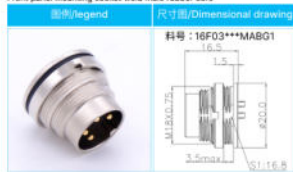
**16F0 Female 外锁插座PCB(板后安装) 母胶芯**  
Front panel mounting socket PCB female rubber core



**16G1 Male 半屏蔽壳包胶式插头 公胶芯**  
Assembly shielded plug male rubber core



**16F0 Female 外锁插座焊接(板后安装) 母胶芯**  
Front panel mounting socket weld male rubber core



**16F0 Male 内锁插座PCB(板前安装) 公胶芯**  
Rear panel mounting socket PCB male rubber core



**16E0 Female 内锁插座PCB(板前安装) 母胶芯**  
Rear panel mounting socket PCB female rubber core



## 16螺纹连接器

标准产品基础参数表 (注: 此表为产品常规性能技术参数表, 非常规产品支持定制)

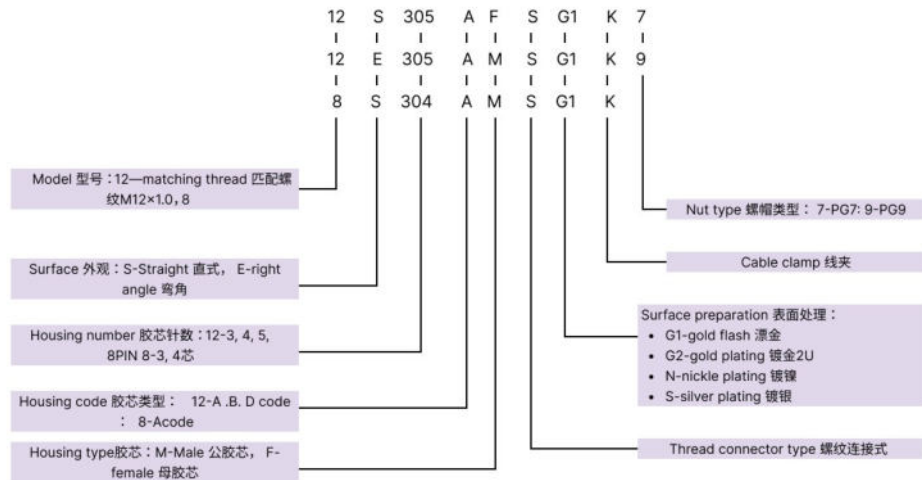
303A	304A	305A	306A	307B	308A	312A	314B	319A	芯数/Number of cores
7A	6A			5A			3A		额定电流/Rated current
	250V			125V			60V		额定电压/Rated voltage
		1.5mm					1.0mm		导体直径/Conductor diameter
		0.75mm <sup>2</sup>					0.25mm <sup>2</sup>		适配线缆/Adaptable cable
		>500 mate/unmate cycles							寿命/Durability
		≤10mΩ							Pin接触电阻/Pin contact resistance
		-25°C, +80°C							温度等级/Temperature grade
		IP40							防水等级/Waterproof
		>48h							盐雾/Salt spray test

## 塑胶螺纹连接器



## 塑胶螺纹连接器

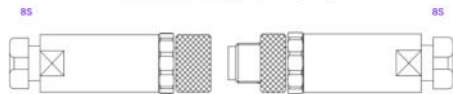
### 塑胶装配式编码原则 M8/12 part Numbering system



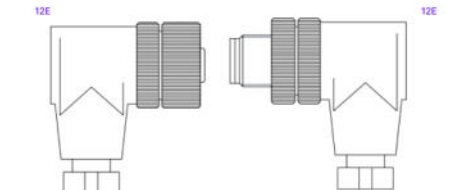
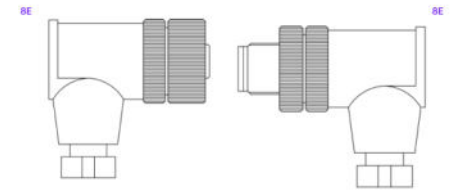
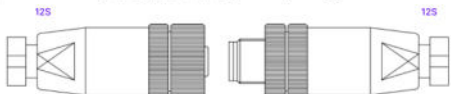


## 塑胶螺纹连接器

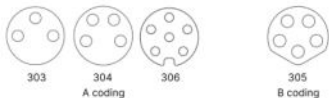
### 8 常规插头系列 8 plug serie



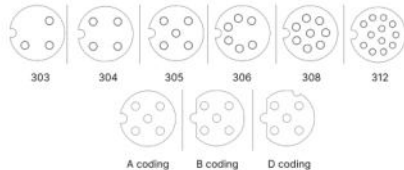
### 12 常规插头系列 12 plug serie



#### 胶芯类型及芯数-8 (Insulator type-8)

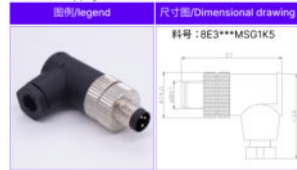


#### 胶芯类型及芯数-12 (Insulator type-12)



## 塑胶螺纹连接器

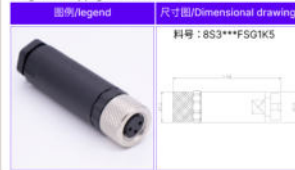
### 8E Male 弯角装配插头 公胶芯 Corner assembly plug male rubber core



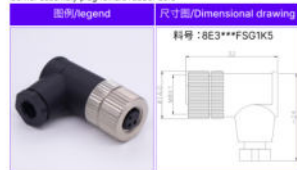
### 8S Male 直式装配插头 公胶芯 Straight assembly plug male rubber core



### 8S Female 直式装配插头 母胶芯 Straight assembly plug female rubber core



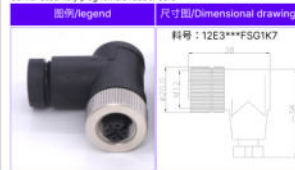
### 8E Female 弯角装配插头 母胶芯 Corner assembly plug female rubber core



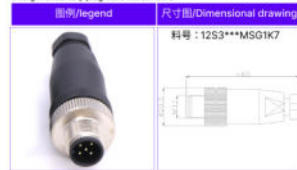
### 12E Male 弯角装配插头 公胶芯 Corner assembly plug male rubber core



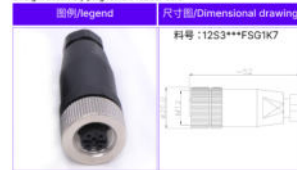
### 12E Female 弯角装配插头 母胶芯 Corner assembly plug female rubber core



### 12S Male 直式装配插头 公胶芯 Straight assembly plug male rubber core



### 12S Female 直式装配插头 母胶芯 Straight assembly plug female rubber core



## 塑胶螺纹连接器

8 标准产品基础参数表 (注: 此表为产品常规性能技术参数表, 非常规产品支持定制)

芯数/Number of cores	303A	304A	305B	306A
额定电流/Rated current	3A			1A
额定电压/Rated voltage	60V	30V		
导体直径/Conductor diameter	1.0mm			0.7mm
适配线缆/Adaptable cable	24AWG			26AWG
寿命/Durability	>1000 mate/unmate cycles			
接触电阻/contact resistance	≤10mΩ			
绝缘电阻/Insulation resistance	≥100mΩ			
温度等级/Temperature grade	-25° C, +80°C			
防水等级/Waterproof	IP67			
盐雾/ Salt spray test	>48h			

12

芯数/Number of cores	303	304	305	306	308	312
额定电流/Rated current	4A			2A		1A
额定电压/Rated voltage	250V		60V	30V		
导体直径/Conductor diameter	1.0mm			0.8mm		0.6mm
适配线缆/Adaptable cable	22AWG			24AWG		26AWG
寿命/Durability	>1000 mate/unmate cycles					
接触电阻/contact resistance	≤10mΩ					
绝缘电阻/Insulation resistance	≥100mΩ					
温度等级/Temperature grade	-25° C, +80°C					
防水等级/Waterproof	IP67					
盐雾/ Salt spray test	>48h					

## 伺服电机连接器17/23



## 伺服电机连接器17/23

### 23编码原则 23 part Numbering system

23K P 510 F 25 00 G K 12  
 | | | | | | | | |  
 23K S 315 F 25 10 G K 12

主型号/Type:Power

链接方式/Locking Types:  
 P:Threaded/螺纹  
 S:Quick lock/快速锁定

Housing number 胶芯针数:  
 310[4xø2(3+PE)] 510[6xø2(5+PE)]  
 314[4xø2(3+PE)+4xø1]  
 315[4xø2(3+PE)+5xø1]  
 315B[4xø2(3+PE)+5xø1]芯

Housing type胶芯: F-female 母胶芯

压线范围/Crimping range:  
 ø2.0: 25=0.35--2.5mm2 40=2.5--4.0mm2

线缆范围/Cable clamping range:  
 10--Cable OD 8~10.5mm  
 12--Cable OD 11~12.5mm  
 15--Cable OD 13~15.5mm

Cable clamp 线夹

"PE" Pin与壳体标示点的相对角度/Angle  
 between "PE" Pin and shell mark:  
 G=0° A=90°

压线范围/Crimping range:  
 ø1.0: 05=0.2--0.5mm2 10=0.5--1.0mm2  
 Vacancy=00

## 伺服电机连接器17/23

### 17 常规插头系列 17 plug serie

17插头



17插头

标准产品基础参数表 (注: 此表为产品常规性能技术参数表, 非常规产品支持定制)

芯数/Number of cores	2	8
寿命/Durability	>100 mate/unmate cycles	
Pin接触电阻/Pin contact resistance	≤10mΩ	
绝缘电阻/Insulation Resistance	≥ 100 MΩ	
温度等级/Temperature grade	-25° C, +80°C	
防水等级/Waterproof	IP66/IP67	
盐雾/ Salt spray test	>48h	

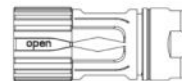
GEPVS®

### 23 常规插头系列 23 plug serie

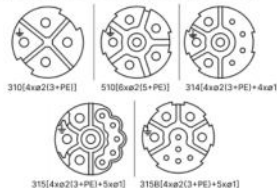
23KP



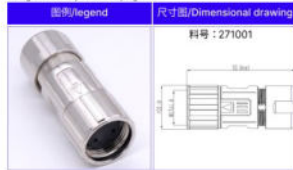
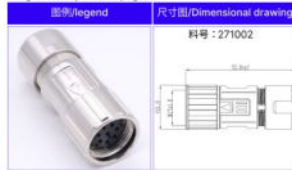
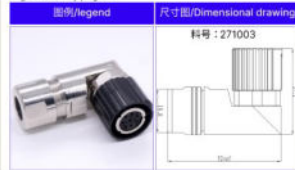
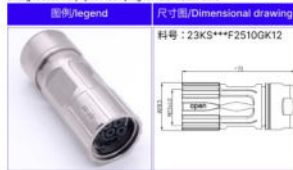
23KS



### 胶芯类型及芯数-23(Insulator type-23)



## 伺服电机连接器17/23

17 Female 直式装配螺纹插头 2Pin  
Straight assembly threaded plug 2Pin17 Female 直式装配螺纹插头 8Pin  
Straight assembly threaded plug 2Pin17 Female 弯角装配插头 8Pin  
Angled assembly plug 8Pin23KP Female 直式装配螺纹插头 母胶芯  
Straight assembly threaded plugs female rubber core23KS Female 直式装配快锁插头 母胶芯  
Straight assembly quick lock plug female rubber core

标准产品基础参数表 (注: 此表为产品常规性能技术参数表, 非常规产品支持定制)

芯数/Number of cores	310	510	314	315	315B
额定电流/Rated current	30A			30A/7A	
额定电压/Rated voltage	630V			630V/250V	
导体直径/Conductor diameter	2.0mm			2.0mm/1.0mm	
适配线缆/Adaptable cable	2.5mm <sup>2</sup>			2.5mm <sup>2</sup> /1.0mm <sup>2</sup>	
寿命/Durability	>500 mate/unmate cycles				
Pin接触电阻/Pin contact resistance	≤10mΩ				
温度等级/Temperature grade	-25° C, +80° C				
防水等级/Waterproof	IP66/IP67				
盐雾/Salt spray test	>48h				

## 伺服电机连接器17/23



## L10A传感连接器



## L10A传感连接器

## L10A 产品编码原则 L10A Part Number System

plug 浮动式插头 : L10A - 7 P - 6  
 Jack 浮动式插头 : L10A - 10 J - 10  
 receptacle 固定式插座 : L10A - 7 R - 6 S A

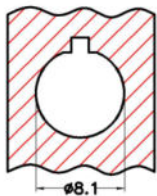
Model series/系列

Shell size 外壳尺寸 :  
NO.7, NO.1Connector type 连接器类型 :  
P-Plug 插头  
J-Jack 浮动式插头  
R-Receptacle 固定式插座Contact termination method/焊接方式 :  
A-PCB dip termination PCB 连接  
None is Solder termination 无标号为焊线式连接Contact pin type 针类型 :  
P-male contact 公针  
S-female contact 母针Housing number 胶芯针数 :  
NO.7 : 4, 5, 6pin  
NO.10 : 10, 12pin

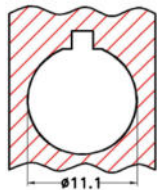
## L10A传感连接器

## L10A 简介 (L10A Introduction)

## 1. 装配螺牙和安装孔关系 (Assembly thread type)

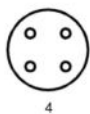


装配螺牙 M8

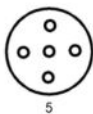


装配螺牙 M11

## 2. 胶芯类型及芯数-L10A (Insulator type-L10A)

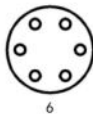


4

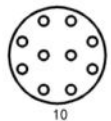


5

NO. 7

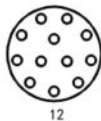


6



10

NO. 10

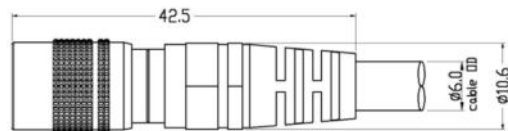


12

## L10A传感连接器

## 3. 包胶外模

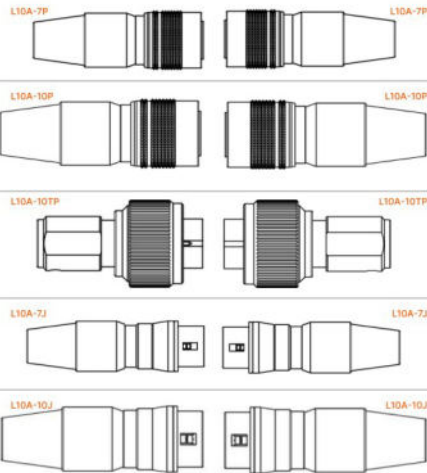
## 3.1 L10A-7 直头 (电线 OD 不超过 6.0mm)





## L10A 传感连接器

### L10A 常规插头系列 L10A plug serie

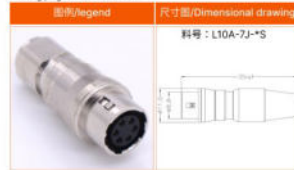


### L10A 常规插座系列 L10A Socket series

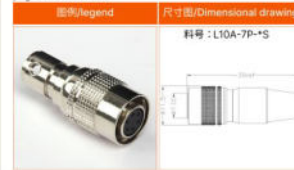


## L10A 传感连接器

### L10A-7J Female 浮动式插头 母胶芯 Floating plug female rubber core



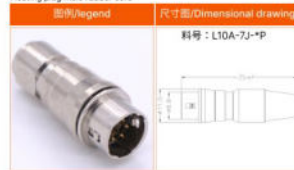
### L10A-7P Female 插头 母胶芯 plug female rubber core



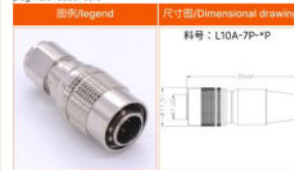
### L10A-7R Female 固定式插座 母胶芯 焊接 Fixed socket female rubber core welding



### L10A-7J Male 浮动式插头 公胶芯 Floating plug male rubber core



### L10A-7P Male 插头 公胶芯 plug male rubber core



### L10A-7R Male 固定式插座 公胶芯 焊接 Fixed socket male rubber core welding



### L10A-7R Male 固定式插座 公胶芯 PCB Fixed sockets male rubber core PCB



### L10A-7R Female 固定式插座 母胶芯 PCB Fixed socket female rubber core PCB

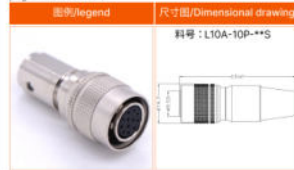


## L10A传感连接器

**L10A-10J Female 浮动式插头 母胶芯**  
Floating plug female rubber core



**L10A-10P Female 插头 母胶芯**  
plug female rubber core



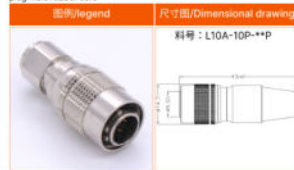
**L10A-10R Female 固定式插座 母胶芯 焊接**  
Fixed socket female rubber core welding



**L10A-10J Male 浮动式插头 公胶芯**  
Floating plug male rubber core



**L10A-10P Male 插头 公胶芯**  
plug male rubber core



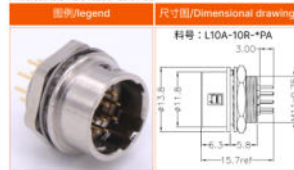
**L10A-10R Male 固定式插座 公胶芯 焊接**  
Fixed socket male rubber core welding



**L10A-10TP Male 插头 公胶芯**  
plug male rubber core



**GL10A-10R Male 固定式插座 公胶芯 PCB**  
Fixed sockets male rubber core PCB



**L10A-10R Female 固定式插座 母胶芯 PCB**  
Fixed socket female rubber core PCB



## L10A传感连接器

标准产品基础参数表 (注: 此表为产品常规性能技术参数表, 非常规产品支持定制)

4	5	6	10	12	芯数/Number of cores
>500 mate/unmate cycles					寿命/Durability
2A					额定电流/Rated current
≤10mΩ					接触电阻/contact resistance
100MΩ					绝缘电阻/Insulation resistance
-20° C, +80° C					温度等级/Temperature grade
IP40					防水等级/Waterproof
>48h					盐雾/ Salt spray test

## L25传感连接器



## L25传感连接器

## L25 产品编码原则 L25 Part Number System

plug 浮动式插头 : L25 - 9 T P - 20 P  
 Jack 浮动式插头 : L25 - 7 T J - 6 P  
 receptacle 固定式插座 : L25 - 7 T R - 8 S A

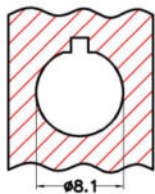
Model series/系列

outer shell size 外壳尺寸：  
NO.7, NO.9 号两种Locking mechanism/锁紧类型：  
T-Thread lock 螺纹锁紧outer shell type 外壳类型：  
P-Plug 插头  
J-Jack 浮动式插头  
R-Receptacle 固定式插Contact termination method/焊接方式：  
A-PCB dip termination PCB 连接  
None is Solder termination 无标号为焊线式连接Contact pin type 针类型：  
P-male contact 公针  
S-female contact 母针Housing number 胶芯针数：  
NO.7 : 4, 6, 8pin  
NO.9 : 12, 16, 20pin

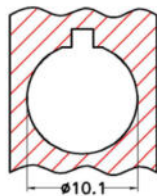
## L25传感连接器

## L25 简介 (L25 Introduction)

## 1. 装配螺牙和安装孔关系 (Assembly thread type)

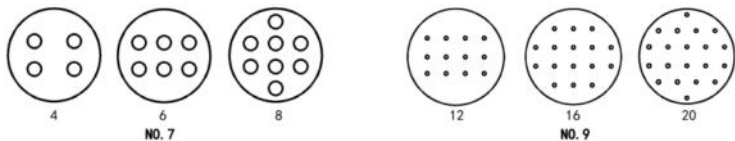


装配螺牙 M8



装配螺牙 M10

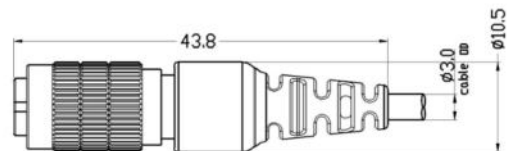
## 2. 胶芯类型及芯数-L25 (Insulator type-L25)



## L25传感连接器

## 3. 包胶外模

## 3.1 直头小模 (电线 OD 不超过 3.0mm)



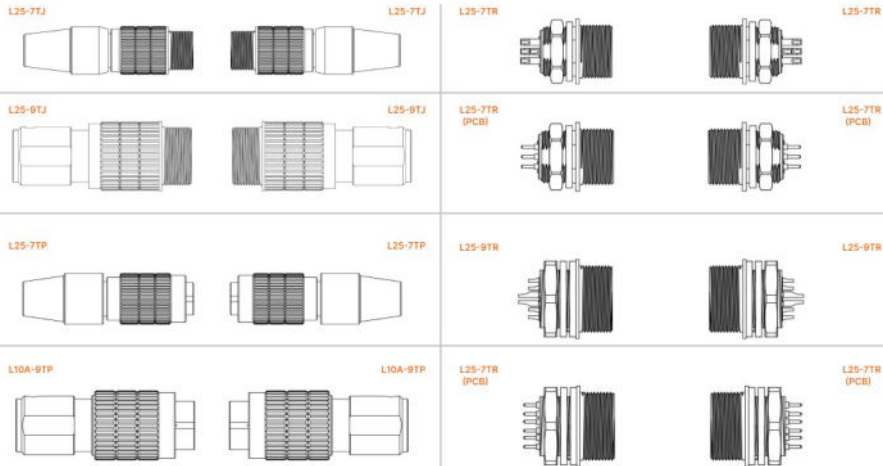
## 3.2 直头大模 (电线 OD 不超过 6.0mm)



## L25 传感连接器

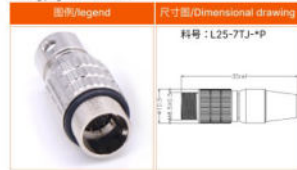
### L25 常规插头系列 L25 plug serie

### L25 常规插座系列 L25 Socket series

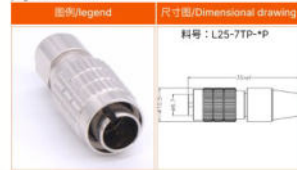


## L25 传感连接器

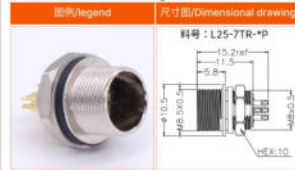
### L25-7TJ Male 浮动式插头 公胶芯 Floating plug male rubber core



### L25-7TP Male 插头 公胶芯 plug male rubber core



### L25-7TR Male 固定式插座 公胶芯 焊接 Fixed socket male rubber core welding



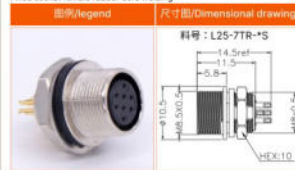
### L25-7TJ Female 浮动式插头 母胶芯 Floating plug female rubber core



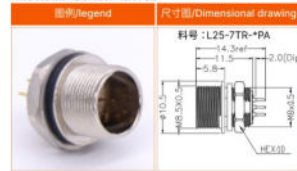
### L25-7TP Female 插头 母胶芯 plug female rubber core



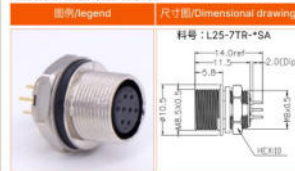
### L25-7TR Female 固定式插座 母胶芯 焊接 Fixed socket female rubber core welding



### L25A-7TR Male 固定式插座 公胶芯 PCB Fixed sockets male rubber core PCB



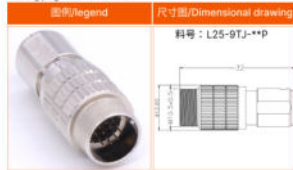
### L25A-7TR Female 固定式插座 母胶芯 PCB Fixed socket female rubber core PCB



## L25传感连接器

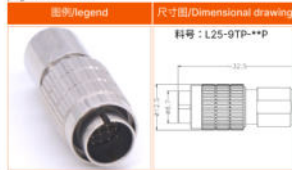
L25-9TJ Male 浮动式插头 公胶芯

Floating plug male rubber core



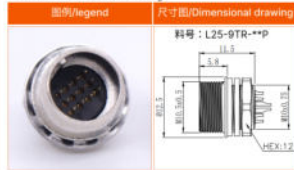
L25-9TP Male 插头 公胶芯

plug male rubber core



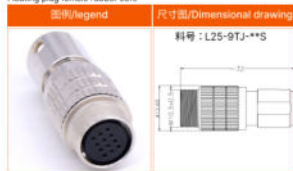
L25-9TR Male 固定式插座 公胶芯 焊接

Fixed socket male rubber core welding



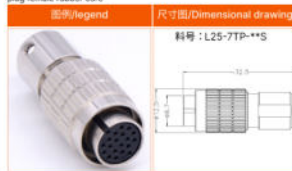
L25-9TJ Female 浮动式插头 母胶芯

Floating plug female rubber core



L25-9TP Female 插头 母胶芯

plug female rubber core



L25-9TR Female 固定式插座 母胶芯 焊接

Fixed socket female rubber core welding



L25A-9TR Male 固定式插座 公胶芯 PCB

Fixed sockets male rubber core PCB



L25A-9TR Female 固定式插座 母胶芯 PCB

Fixed socket female rubber core PCB



## L25传感连接器

标准产品基础参数表 (注: 此表为产品常规性能技术参数表, 非常规产品支持定制)

4	6	8	12	16	20	芯数/Number of cores
>500 mate/unmate cycles						寿命/Durability
1A						额定电流/Rated current
100V AC for 1minute						耐电压/Withstanding voltage
30mΩ						接触电阻/contact resistance
100MΩ						绝缘电阻/Insulation resistance
-20° C, +80° C						温度等级/Temperature grade
IP40						防水等级/Waterproof
>48h						盐雾/ Salt spray test



## LS30传感连接器



## LS30传感连接器

### LS30 产品编码原则 LS30 Part Number System

plug 插头: LS30 - 10 W P E - 6 P

socket 插座: LS30 - 10 R - 6 S

Model series/系列

Shell size 外壳尺寸: NO.10

Particularity/特性:  
W-Waterproof 防水  
No indication is Standard 无标号为标准款

Connector type/连接器类型:  
P-Plug 插头  
J-Jack 浮动式插头  
R-Receptacle 插座

Contact pin type 针类型:  
P-male contact 公针  
S-female contact 母针

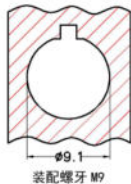
Housing number 胶芯针数:  
NO.10: 4、6、7pin

Shell variation/外壳区别:  
E-Standard plug 标准款插头  
D-Front panel mounting socket 外锁插座  
No indication is Rear panel mounting socket 无标号为内锁插座

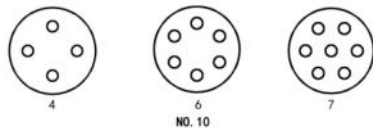
## LS30传感连接器

### LS30 简介 (LS30 Introduction)

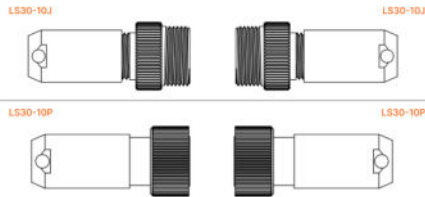
#### 1. 装配螺牙和安装孔关系 (Assembly thread type)



#### 2. 胶芯类型及芯数-LS30 (Insulator type-LS30)



#### LS30 常规插头系列 LS30 plug serie



#### LS30 常规插座系列 LS30 Socket series



## LS30传感连接器

#### LS30-10PE Male 插头 公胶芯 plug male rubber core



#### LS30-10JE Female 浮动式插头 母胶芯 Floating plug female rubber core



#### LS30-10R Female 固定式插座 母胶芯 Fixed sockets female rubber core



标准产品基础参数表 (注: 此表为产品常规性能技术参数表, 非常规产品支持定制)

芯数/Number of cores	4	6	7
寿命/Durability	> 500 mate/unmate cycles		
额定电流/Rated current	1A		
耐电压/Withstanding voltage	100V AC for 1minute		
接触电阻/contact resistance	≤10mΩ		
绝缘电阻/Insulation resistance	100MΩ		
温度等级/Temperature grade	-25° C, +80°C		
防水等级/Waterproof	IP40		
盐雾/ Salt spray test	>48h		

## LM传感连接器



## LM传感连接器

## LM 产品编码原则 LM Part Number System

plug 插头: LM - 8 P - 3 P

socket 插座: LM - 8 RA - 8 S

Model series/系列

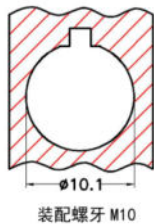
Shell size 外壳尺寸: NO.8

Connector type/连接器类型:  
P-Plug 插头  
RA-Receptacle 插座Contact pin type 针类型:  
P-male contact 公针  
S-female contact 母针Housing number 胶芯针数:  
NO.10: 3、4、6、8pin

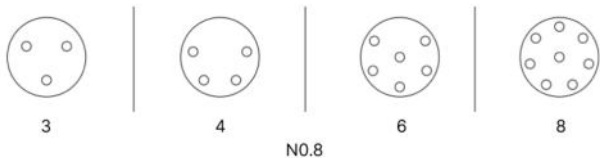
## LM传感连接器

### LM 简介 (LM Introduction)

#### 1. 装配螺牙和安装孔关系 (Assembly thread type)



#### 2. 胶芯类型及芯数-LM (Insulator type-LM)



## LM传感连接器

### LM 常规插头系列 LM plug serie

### LM 常规插座系列 LM Socket series



料号: LM-8P-\*P 例: LM-8P-4P

LM-8P Male 插头 公胶芯 /plug male rubber core

3	4	6	8	芯数/Number of cores	尺寸图/Dimensional drawing	图例/legend
>500 mate/unmate cycles				寿命/Durability		
2A				额定电流/Rated current		
100V AC for 1minute				耐电压/Withstanding voltage		
30mΩ				接触电阻/contact resistance		
100MΩ				绝缘电阻/Insulation resistance		
-25° C, +80° C				温度等级/Temperature grade		
IP40				防水等级/Waterproof		
>48h				盐雾/Salt spray test		

料号: LM-8RA-\*S 例: LM-8RA-6S

L25-7TP Male 插座 母胶芯 /Receptacle female rubber core

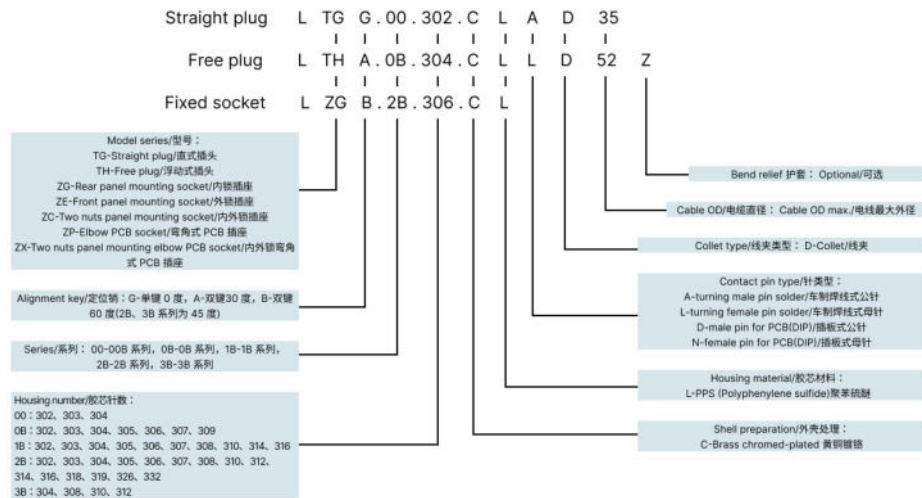
3	4	6	8	芯数/Number of cores	尺寸图/Dimensional drawing	图例/legend
>500 mate/unmate cycles				寿命/Durability		
2A				额定电流/Rated current		
100V AC for 1minute				耐电压/Withstanding voltage		
30mΩ				接触电阻/contact resistance		
100MΩ				绝缘电阻/Insulation resistance		
-25° C, +80° C				温度等级/Temperature grade		
IP40				防水等级/Waterproof		
>48h				盐雾/Salt spray test		

## 推拉自锁系列



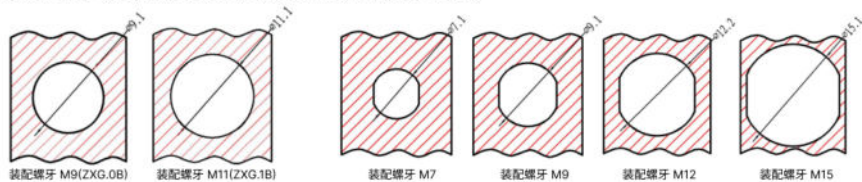
## 推拉自锁系列

### 推拉自锁产品编码原则 Push pull connectors Part Number System

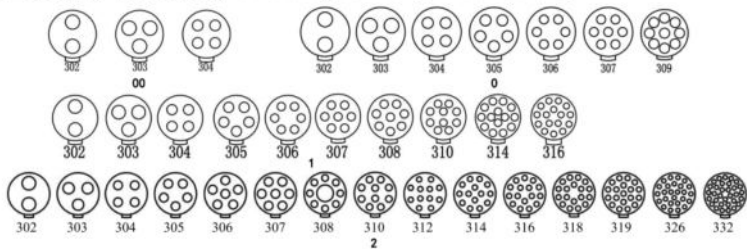


### 推拉自锁简介(Push pull connectors Introduction)

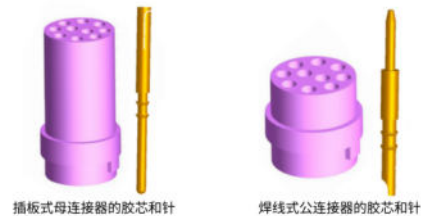
#### 1. 装配螺牙和安装孔关系 (Assembly thread type)



#### 2. 胶芯类型及芯数-推拉自锁 (Insulator type-Push pull connectors)



#### 3. 针类型和胶芯/Contact pin type and dielectric



#### 4. 包胶外模

4.1 直头 0B(电线 OD 不超过 5.0mm)



4.2 直头 1B(电线 OD 不超过 6.0mm)





## 推拉自锁系列

### 推拉自锁常规插头系列 Push pull connectors Plug serie

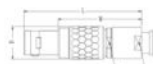


### 推拉自锁常规插座系列 Push pull connectors Socket series



## 推拉自锁系列

### LTGG 直式插头, 护套式 Straight plug, sheathed type



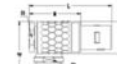
型号(LTGG)	尺寸/size (mm)				
料号	D	L	M	S1	S2
LTGG 00 3** C L A D32 Z	6.4	27.6	19.6	5.5	5.5
LTGG 08 3** C L A D42 Z	9.5	36	26	8	8
LTGG 18 3** C L A D52 Z	11.8	43	32	10	9
LTGG 28 3** C L A D52 Z	14.8	50	38	13	12
LTGG 38 3** C L A D92 Z	18	58	43	15	15

### LTHG 浮动式插头, 护套式 Floating plug, sheathed type



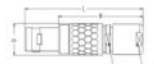
型号(LTHG)	尺寸/size (mm)			
料号	D	L	S1	S2
LTHG 08 3** C L L D52 Z	9.6	35	8	8
LTHG 18 3** C L L D52 Z	11.8	40	10	9

### LWHG 90度弯角式插头 90 degree angled plug



型号(LWHG)	尺寸/size (mm)							
料号	A	D	H	L	M	S1	S2	S3
LWHG 38 332 CLLD31Z	19	10	37	50	35	17	14	15

### LTGG 直式插头, 无护套式 Straight plug, unshathed



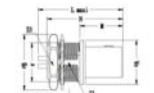
型号(LTGG)	尺寸/size (mm)				
料号	D	L	M	S1	S2
LTGG 00 3** C L A D32	6.4	28.5	20.5	5.5	5.5
LTGG 08 3** C L A D42	9.5	36	26	8	8
LTGG 18 3** C L A D52	11.8	43	32	10	9
LTGG 28 3** C L A D52	14.8	50	38	13	12
LTGG 38 3** C L A D92	18	58	43	15	15

### LTHG 浮动式插头, 无护套式 Floating plug, unshathed



型号(LTHG)	尺寸/size (mm)			
料号	D	L	S1	S2
LTHG 08 3** C L L D52	9.6	35	8	8
LTHG 18 3** C L L D52	11.8	40	10	9

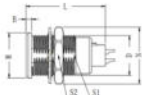
### LZAG 固定式插头, 不带锁定装置, 螺母固定 Fixed plug without locking device, nut fixed



型号(LZAG)	尺寸/size (mm)									
料号	A	B	E	L	M	N	S1	S2	a	e
LZAG 00 3** CLA	8	10.2	2.9	18.1	9	15	6.3	9	M7x0.5	
LZAG 08 3** CLA	10	12.4	4.2	20.8	11.2	18.9	8.2	11	M8x0.6	
LZAG 18 3** CLA	14	15.8	5.4	25.2	12.5	21.6	10.5	14	M12x1.0	
LZAG 28 3** CLA	18	19.2	6	28.7	13.8	23.9	13.5	17	M16x1.0	
LZAG 38 3** CLA	22	25	8.8	32.1	17	30.2	16.5	22	M18x1.0	

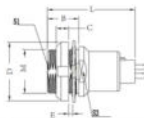
## 推拉自锁系列

**LZGG**  
内锁插座 焊接(PCB)  
Rear panel mounting socket weld(PCB)



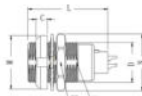
型号(LZGG)	尺寸/size (mm)						
	B	M	N	L	S1	S2	D
LZGG003→CLLINE	1	8	10.2	13.7	9	6.3	M7x0.5
LZGG083→CLLINE	1.2	10	12.4	17.5	11	8.2	M9x0.5
LZGG183→CLLINE	1.5	14	15.8	20	14	10.5	M12x1.0
LZGG283→CLLINE	1.9	18	19.2	20	17	13.5	M15x1.0
LZGG383→CLLINE	2	21.9	25	24.5	25	16.5	M18x1.0

**LZEG**  
外锁插座 焊接(PCB)  
Front panel mounting socket weld(PCB)



型号(LZEG)	尺寸/size (mm)						
	B	C	D	E	L	S1	S2
LZEG083→CLLINE	6.3	2.5	12	3	18.4	8.2	9
LZEG183→CLLINE	11	3.5	16	6.9	20	10.5	13
LZEG283→CLLINE	9	3.5	20	4.9	20	13.5	16

**LZCG**  
内外锁插座 焊接(PCB)  
Internal and external locking sockets weld(PCB)



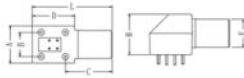
型号(LZCG)	尺寸/size (mm)						
	C	M	N	L	S1	S2	D
LZCG003→CLLINE	2.5	10	10.2	13.7	6.3	9	M7x0.5
LZCG083→CLLINE	2.5	12	12.4	17.8	8.2	11	M9x0.5
LZCG183→CLLINE	3.5	16	15.8	20	10.5	14	M12x1.0
LZCG283→CLLINE	3.5	20	19	20	13.5	17	M15x1.0
LZCG383→CLLINE	3.5	24	25	24.5	16.5	25	M18x1.0

**LZXG**  
内外锁弯角式 PCB 插座  
Internal and external locking angled PCB sockets



型号(LZGG)	尺寸/size (mm)						
	A	B	D	E	H	M	L
LZXG083→HLN	11.7	7.62	13.3	14.6	12.7	5	25
LZXG183→HLN	12.6	7.62	13.3	16.6	14	7.5	27

**LZPG**  
弯角式 PCB 插座  
Angled PCB socket



型号(LZGG)	尺寸/size (mm)						
	A	B	C	D	E	H	L
LZPG083→HLN	11.7	7.62	14.6	13.3	9	12.7	25
LZPG183→HLN	12.6	7.62	16.6	13.3	11	14	27



## 推拉自锁系列

标准产品基础参数表 (注: 此表为产品常规性能技术参数表, 非常规产品支持定制)

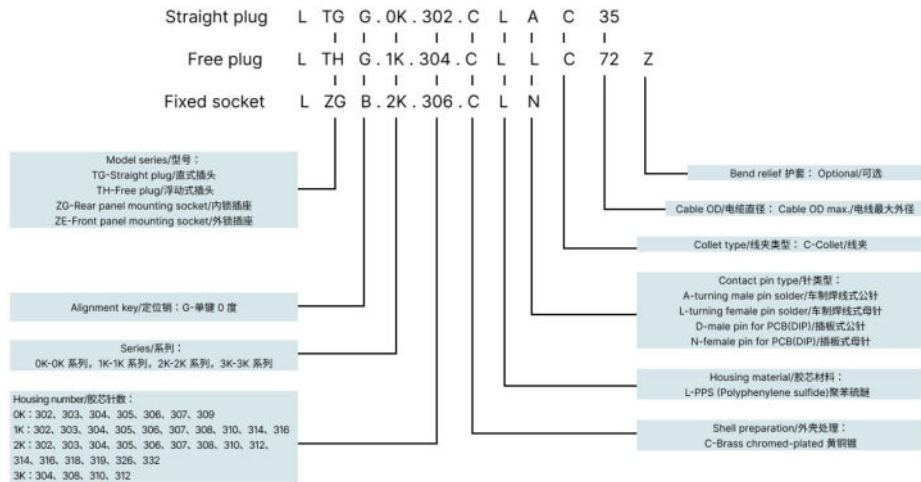
00		0							1											芯数/Number of cores	
302	303	304	302	303	304	305	306	307	309	302	303	304	305	306	307	308	310	314	316	额定电流/Rated current	
5A	3A	2A	10A	8A	7A	6.5A	2.5A	2A		15A	12A	10A	9A	7A	5A	2.5A	2A	1.5A		适配线缆/Adaptable cable	
28AWG		20AWG		22AWG		28AWG				20AWG		22AWG			28AWG					导体直径/Conductor diameter	
0.5mm		0.9mm		0.7mm		0.5mm				1.3mm		0.9mm		0.7mm		0.5mm					
2																					芯数/Number of cores
302	303	304	305	306	307	308	310	312	314	316	318	319	326	332	额定电流/Rated current						
25A	17A	15A	14A	12A	11A	10A	8A	7A	6.5A	6A	5.5A	5A	2A	1.5A	适配线缆/Adaptable cable						
14 AWG		16 AWG		20AWG			22AWG					28AWG				导体直径/Conductor diameter					
2.0mm		1.6mm		1.3mm			0.9mm			0.7mm			0.5mm								
3																					芯数/Number of cores
302	303	304	305	306	307	308	309	310	312	314	316	318	320	322	324	326	330	332	额定电流/Rated current		
35A	25A	19A	17A	15A	13A	/	12A	9A	8A	7A	6A	5.5A	4A	3.5A	5A				适配线缆/Adaptable cable		
12 AWG		16AWG		18AWG		20 AWG		20/16 AWG		20 AWG		22AWG								导体直径/Conductor diameter	
3mm		2mm		1.6mm		1.3mm		1.3/2.0mm		1.3mm		0.9mm			0.7mm						
>500 mate/unmate cycles																					寿命/Durability
-25°C, +150°C																					温度等级/Temperature grade
IP50																					防水等级/Waterproof
>144h																					盐雾/Salt spray test

## 推拉自锁系列



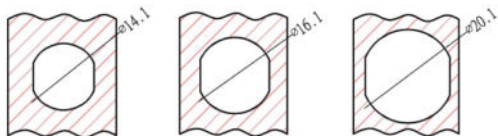
## 推拉自锁系列

### 推拉自锁产品编码原则 Push pull connectors Part Number System



### 推拉自锁简介(Push pull connectors Introduction)

#### 1. 装配螺牙和安装孔关系 (Assembly thread type)

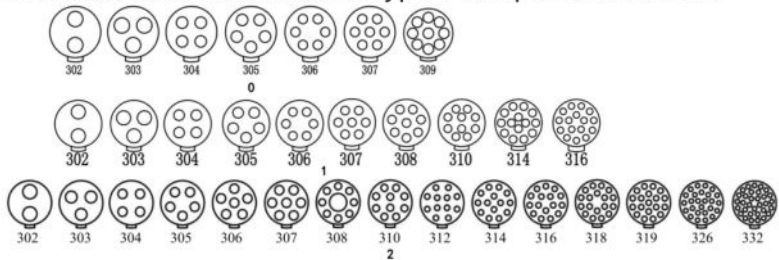


装配螺牙 M14

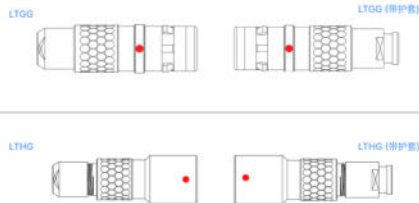
装配螺牙 M16

装配螺牙 M20

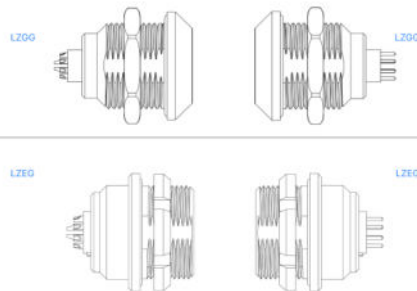
#### 2. 胶芯类型及芯数-推拉自锁 (Insulator type-Push pull connectors)



### 推拉自锁常规插头系列 Push pull connectors Plug serie



### 推拉自锁常规插座系列 Push pull connectors Socket series



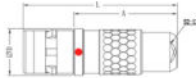
## 推拉自锁系列

**LTGG**  
直式插头, 护套式  
Straight plug, sheathed type



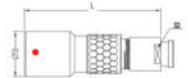
型号(LTGG)	尺寸/size (mm)			
料号	A	D	L	S2
LTGG 0K 3** C L A C52 Z	23	11	34	8
LTGG 1K 3** C L A C52 Z	28	13	42	9
LTGG 2K 3** C L A C52 Z	36	16	52	12

**LTGG**  
直式插头, 无护套式  
Straight plug, unsheathed



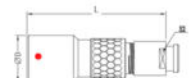
型号(LTGG)	尺寸/size (mm)			
料号	A	D	L	S2
LTGG 0K 3** C L A C52	23	11	34	8
LTGG 1K 3** C L A C52	28	13	42	9
LTGG 2K 3** C L A C52	36	16	52	12

**LTHG**  
浮动式插头, 护套式  
Floating plug, sheathed type



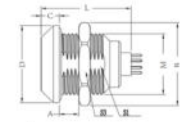
型号(LTHG)	尺寸/size (mm)		
料号	D	L	S2
LTHG 0K 3** C L L C52 Z	13	34	8
LTHG 1K 3** C L L C52 Z	15	45	9
LTHG 2K 3** C L L C52 Z	19	54	12

**LTHG**  
浮动式插头, 无护套式  
Floating plug, unsheathed



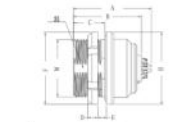
型号(LTHG)	尺寸/size (mm)		
料号	D	L	S2
LTHG 0K 3** C L L C52	13	34	8
LTHG 1K 3** C L L C52	15	45	9
LTHG 2K 3** C L L C52	19	54	12

**LZGG**  
内锁插座 焊接(PCB)  
Rear panel mounting socket weld(PCB)



型号(LZGG)	尺寸/size (mm)					
料号	A	B	C	D	H	M
LZGG 0K 3--CLIN	6	19.2	4	18	18.5	12.5 M14x1.0
LZGG 1K 3--CLIN	9	24.5	4.7	20	23.2	14.5 M16x1.0
LZGG 2K 3--CLIN	9	27	5	25	23.6	18.5 M20x1.0

**LZEG**  
外锁插座 焊接(PCB)  
Front panel mounting socket weld(PCB)



型号(LZGG)	尺寸/size (mm)					
料号	B	C	D	E	H	M
LZEG 0K 3--CLIN	18.5	7	3.5	3	18	12.5 M14x1.0
LZEG 1K 3--CLIN	23.2	10	3.5	6	20	14.5 M16x1.0
LZEG 2K 3--CLIN	23.6	11	3.5	6	24.8	18.5 M20x1.0

## 推拉自锁系列

标准产品基础参数表 (注: 此表为产品常规性能技术参数表, 非常规产品支持定制)

0															1								
250	302	303	304	305	306	307	309	芯数/Number of cores						302	303	304	305	306	307	308	310	314	316
/	10A	8A	7A	6.5A	2.5A	2A	额定电流/Rated current						15A	12A	10A	9A	7A	5A	2.5A	2A	1.5A		
22 AWG	20AWG		22AWG		28AWG		适配线缆/Adaptable cable						20AWG		22AWG			28AWG					
0.9mm		0.7mm		0.5mm		导体直径/Conductor diameter						1.3mm		0.9mm		0.7mm		0.5mm					
>500 mate/unmate cycles							寿命/Durability						>500 mate/unmate cycles										
-25° C, +150° C							温度等级/Temperature grade						-25° C, +150° C										
IP66/IP67							防水等级/Waterproof						IP66/IP67										
>144h							盐雾/ Salt spray test						>144h										
2																							
302	303	304	305	306	307	308	310	312	314	316	318	319	326	332	芯数/Number of cores								
25A	17A	15A	14A	12A	11A	10A	8A	7A	6.5A	6A	5.5A	5A	2A	1.5A	额定电流/Rated current								
14 AWG	16 AWG	20AWG				22AWG						28AWG			适配线缆/Adaptable cable								
2.0mm		1.6mm		1.3mm		0.9mm		0.7mm				0.5mm			导体直径/Conductor diameter								
>500 mate/unmate cycles															寿命/Durability								
-25° C, +150° C															温度等级/Temperature grade								
IP66/IP67															防水等级/Waterproof								
>144h															盐雾/ Salt spray test								

## 推拉自锁系列



## 推拉自锁系列

### 推拉自锁 产品编码原则 Push pull connectors Part Number System

Straight plug	A	G	. M02	G	L	. A	C	52	G	
Free plug	A	B	. M04	G	L	. L	C	52	G	Z
Fixed socket	K	B	. M06	G	L	. L			G	

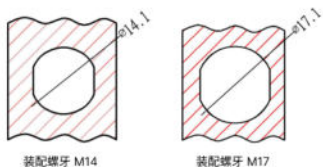
  

Model series/型号: A-1P plug/1P 插头 A-2P plug/2P 插头 R-1P Floating plug/1P 浮动式插头 K-1P socket/1P 插座 K-2P socket/2P 插座	Alignment key/定位销: G-单键 0 B-双键 60度	Housing number/胶芯针数: M02, M04, M05, M06, M07, M08, M09, M10, M14	Shell colour/外壳颜色: G-Grey 灰, N-Black 黑, B-White 白	Bend relief 护套: Optional/可选	Collet nut colour/尾帽颜色: G-Grey 灰, N-Black 黑, A-Blue 蓝, R-Red 红, J-Yellow 黄, V-Green 绿, B-White 白	Cable OD/电缆直径: Cable OD max./电线最大外径	Collet type/线夹类型: C-Collet/线夹	Contact pin type/针类型: A-turning male pin solder/车制焊线式公针 L-turning female pin solder/车制焊线式母针	Housing material/胶芯材料: L-PPS (Polyphenylene sulfide) 聚苯硫醚
---	--	---	--	-----------------------------	--	-------------------------------------	-------------------------------	---	--

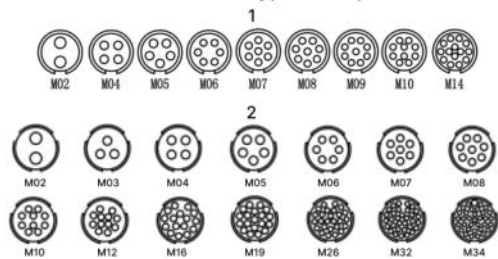
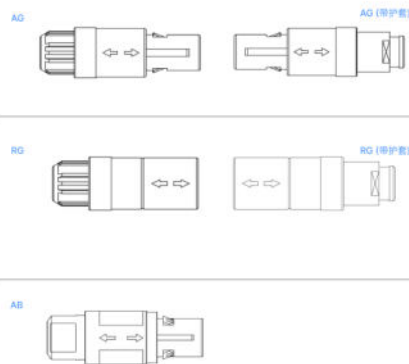
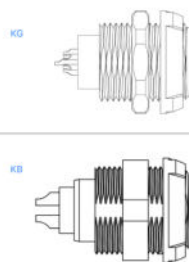


## 推拉自锁 简介(Push pull connectors Introduction)

## 1. 装配螺牙和安装孔关系 (Assembly thread type)

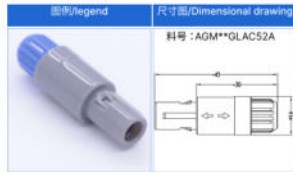


## 2. 胶芯类型及芯数-推拉自锁 (Insulator type-Push pull connectors)

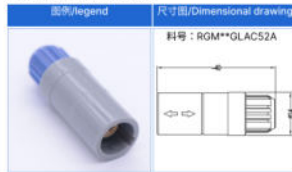
推拉自锁常规插头系列  
Push pull connectors Plug series推拉自锁常规插座系列  
Push pull connectors Socket series

## 推拉自锁系列

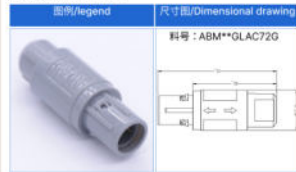
**AG Male 1P插头无护套 公头**  
1P plug without sheath male



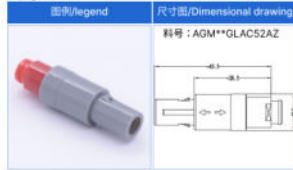
**RG Male 1P浮动式插头无护套 公头**  
1P floating plug without sheath male



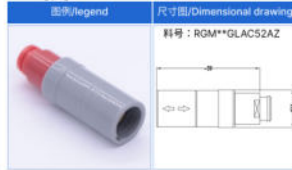
**AB Male 2P插头无护套 公头**  
2P plug without sheath male



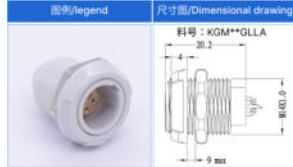
**AG Male 1P插头带护套 公头**  
1P plug with sheathed male



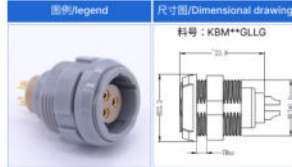
**RG Male 1P浮动式插头带护套 公头**  
1P floating plug with sheath male



**KG Female 1P插座**  
1P socket



**KB Female 2P插座**  
2P socket



## 推拉自锁系列

标准产品基础参数表 (注: 此表为产品常规性能技术参数表, 非常规产品支持定制)

														1	
芯数/Number of cores	M02	M04	M05	M06	M07	M08	M09	M10	M14						
额定电流/Rated current	15A	10A	9A	7A		5A	2A	1.5A							
适配线缆/Adaptable cable	20AWG	22AWG						28AWG							
导体直径/Conductor diameter	1.3mm	0.9mm		0.7mm				0.5mm							
														2	
M02	M03	M04	M05	M06	M07	M08	M10	M12	M16	M19	M26	M32	M34	芯数/Number of cores	
30A	17A	15A	14A	12A	11A	10A	8A	7A	6A	5A	2A	1.5A		额定电流/Rated current	
12 AWG	16 AWG	18AWG				20AWG		22 AWG	24 AWG	26 AWG	28 AWG	30 AWG	32 AWG	适配线缆/Adaptable cable	
2.0mm	1.6mm	1.3mm			0.9mm		0.7mm			0.5mm			导体直径/Conductor diameter		

## 音频连接器



## 音频连接器

## 音频连接器产品编码原则 Walkie-talkie connectors Part Number System

plug	328	-	1	-	N
Socket	228/U	-	1		
PCB socket	283	/FT	-	1	

Model series/型号：  
5 pin 插头-229、228/U  
5 pin 插座-183、184  
6 pin 插头-329、328  
6 pin 插座-283、284

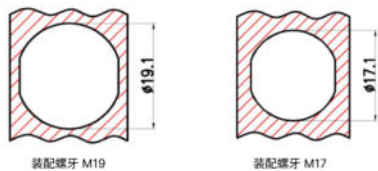
Contact pin type/针类型：  
/F0-普通 PCB  
/FT-带阶梯式 PCB  
无标号都为焊线式

Spring colour/弹簧颜色：  
N-Natural color/原色  
B-Black/黑色

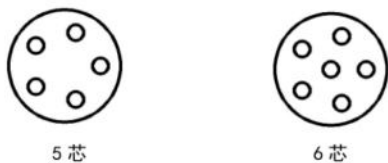
Plating/镀层：  
1-Natural chrome/镀铬  
4-Black chrome/镀黑

音频连接器简介(Walkie-talkie connectors Introduction)

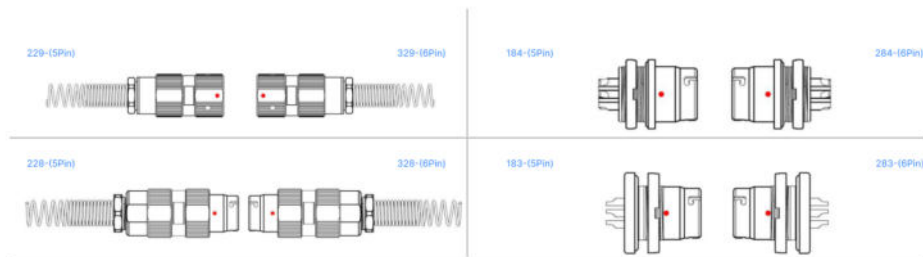
1. 装配螺牙和安装孔关系 (Assembly thread type)



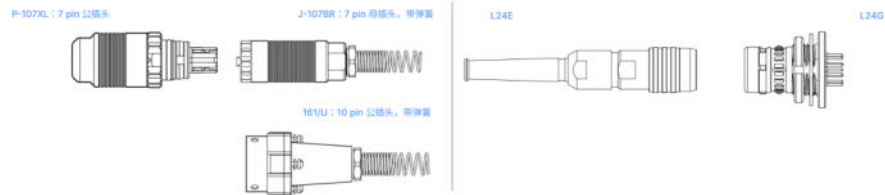
2. 胶芯类型及芯数-音频连接器 (Insulator type-Walkie-talkie connectors)



音频连接器系列 - Walkie-talkie connectors Plug series



其它系列



## 音频连接器

229/329 5Pin/6Pin插头, 带弹簧



184/284 5Pin/6Pin内锁插座 焊接



183/283 5Pin/6Pin外锁插座 焊接



228/328 5Pin/6Pin插头, 带弹簧



184/284 5Pin/6Pin内锁插座 PCB



183/283 5Pin/6Pin外锁插座 PCB



P-107XL Male 7 pin 公插头



107BR Female 7 pin 母插头, 带弹簧



161 Male 10 pin 公插头, 带弹簧



## 音频连接器

L24E 插头



L24G 固定插座



## 军工系列连接器

## 军工系列连接器



### W 系列产品编码原则 W Part Number System

W 1 20 F 01 S1 L - 01 C2

Connection Mode/连接方式:

- 1-Bayonet type/卡口式
- 3-Triple thread/三头螺纹

Connector type/连接器类型:

- 10-Straight plug/直式插头;
- 20-Flanged socket/法兰盘安装式插座;
- 21-Single bayonet(single thread)/connection flange mounting adaptor socket/单卡口(单螺纹)连接法兰安装转接插座;
- 22-Double Bayonet flange mounting adaptor socket/双卡口连接法兰安装转接插座;
- 23-Nut Mounting receptacle/螺母安装插座;
- 24-Single bayonet or(single thread)/connection nut mounting adaptor socket/单卡口(单螺纹)连接螺母安装转接插座

Plating Layer/镀层:

- B-Chrome plated Army Green/镀铬军绿色;
- Bw-Cadmium-plated Brownish Green/镀铜相绿色;
- F-electroless nickel/化学镀镍;
- Fm-Electroless nickel plating/化学镀暗镍;
- E-Passivation of stain less steel/不锈钢钝化

Built-in interface type/内置接口类型:

- 01-RJ45 Super Class 5 crystal head RJ45/超五类水晶头;
- 02-USB-A 型 USB-A

Type of rubber pad for square disc/方盘胶垫类型:  
C2-Conductive Pad/导电胶垫;  
无标记-Rubber Pad/橡胶垫

Tail attachment type/尾部附件类型:  
01-Straight spring thread protection seal tail attachment/直式弹簧护线密封尾部附件;  
02-Straight heat shrinkable sleeve seal tail accessories/直式热缩套管密封尾部附件;  
无标记-No tail attachment/不带尾部附件

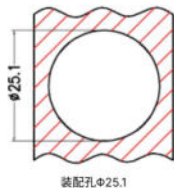
Interface form/接口形式:  
L-With LED lights/带 LED 灯;  
无标记-No LED lights/不带 LED 灯

End Form/端接形式:  
B-Straight PCB welding/直式印制板焊接;  
W-Welding of bent PCB/弯式印制板焊接;  
S-Detachable wire welding/可拆卸式导线焊接;  
S1-Wire welding/导线焊接;  
无标记-Crimp joint/压接



## W 简介 (W Introduction)

### 1. 装配螺牙和安装孔关系 (Assembly thread type)



### 2. W 型号



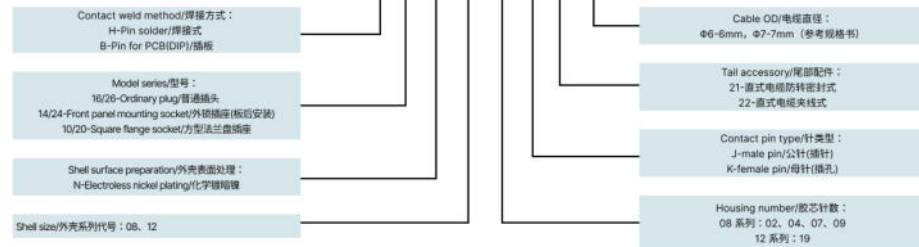
编号	$\Phi$ A	$\Phi$ B	$\Phi$ C
	31	53.6	6



编号	$\Phi$ A	$\Phi$ B	$\Phi$ C
	31	53.6	6

## L 系列产品编码原则 L Part Number System

Plug : L H 26 N 08 02 K 21  $\phi$ 6  
 Socket : L H 24 N 08 02 J

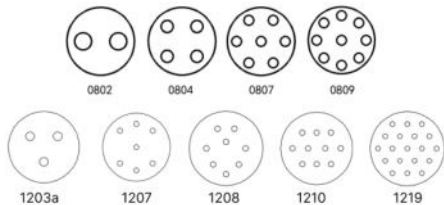


## L 简介 (L Introduction)

### 1. 装配螺牙和安装孔关系 (Assembly thread type)



### 2. 胶芯类型及芯数-L (Insulator type-L)



## L 常规系列-L series



标准产品基础参数表 (注：此表为产品常规性能技术参数表，非常规产品支持定制)

0802	0804	0807	0809	1203a	1207	1208	1210	1219	芯数/Number of cores
13A	7.5A	3A	2A	13A	7.5A			2A	额定电流/Rated current
300V		200V		300V				200V	额定电压/Rated voltage
1.5mm	1.02mm	0.8mm		1.59mm	1.02mm			0.8mm	导体直径/Conductor diameter
> 500 mate/unmate cycles									寿命/Durability
≤10mΩ									接触电阻/contact resistance
≥ 100 MΩ									绝缘电阻/Insulation Resistance
-25° C, +80° C									温度等级/Temperature grade
IP67									防水等级/Waterproof

## 军工系列连接器

LH26-08 普通插头



LH26-12 普通插头



LH24-08 外锁插座(板后安装) 焊接



LH20-12 方型法兰盘插座 焊接



LH20-08 方型法兰盘插座 焊接



## 军工系列连接器

### 50 系列产品编码原则- 50 Part Number System

Plug : 50 - X 08 02 T K 2  
Socket : 50 - X 10 07 Z J 14

Contact weld method/焊接方式：  
(公制系列)X-Pin solder/焊接式

Shell size/外壳系列代号：08、10

Housing number/胶芯针数：  
08 系列：02，  
10 系列：07

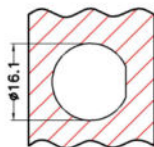
Tail assemble method/尾部封装：  
2-With bend relief/带护套式插头，  
14-Front panel mounting socket/  
外锁式插座

Contact pin type/针类型：  
J-male pin/公针(插针)  
K-female pin/母针(插孔)

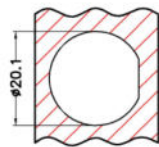
Connector type/使用类型：  
T-Plug/插头， Z-Socket/插

## 50 简介 (50 Introduction)

### 1. 装配螺牙和安装孔关系 (Assembly thread type)



装配孔 M16(壳体号 08)



装配孔 M20(壳体号 10)

### 2. 胶芯类型及芯数-50 (Insulator type-Y50)



0802



0804



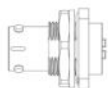
1007

## 50 常规系列- 50 series

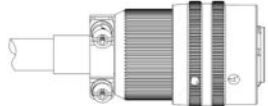
50X-08TK2



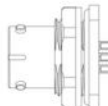
50X-08ZJ14



50X-10TK2

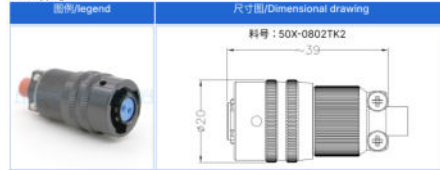


50X-10ZJ14



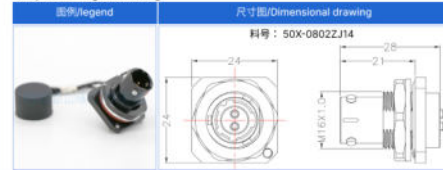
### 50X-08TK2 普通插头

Ordinary plug



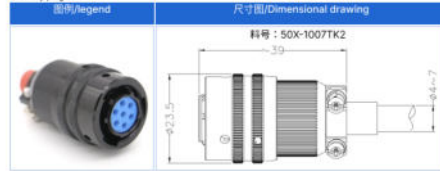
### 50X-08ZJ14 外锁插座(板后安装) 焊接

Front panel mounting socket welding



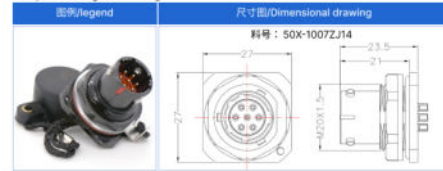
### 50X-10TK2 普通插头

Ordinary plug



### 50X-10ZJ14 外锁插座(板后安装) 焊接

Front panel mounting socket welding



标准产品基础参数表 (注: 此表为产品常规性能技术参数表, 非常规产品支持定制)

0802	0804	1007	芯数/Number of cores
10A	5A	5A	额定电流/Rated current
>500 mate/unmate cycles			寿命/Durability
≤10mΩ			接触电阻/contact resistance
≥ 100 MΩ			绝缘电阻/Insulation Resistance
-25° C, +80° C			温度等级/Temperature grade
IP67			防水等级/Waterproof