

# Push-Pull High Speed High Density Connectors



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**BEIJING ZHYF TECHNOLOGY CO.,LTD**



# 企业简介

## Company Profile

ZHYF has a professional background for more than 20 years in push pull and hash environment connectors, Our products are used widely in the application of military communication, medical electronics, audio-video, testing and measurement instrumentations, etc. We also design and manufacture special Fiber Optic Connectors and custom cable assembly for harsh environments.

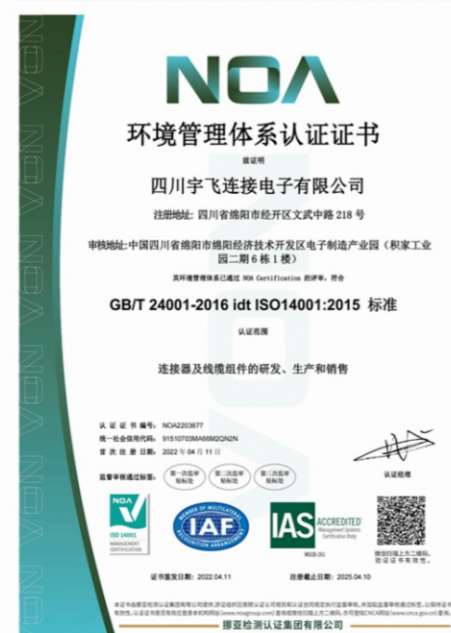
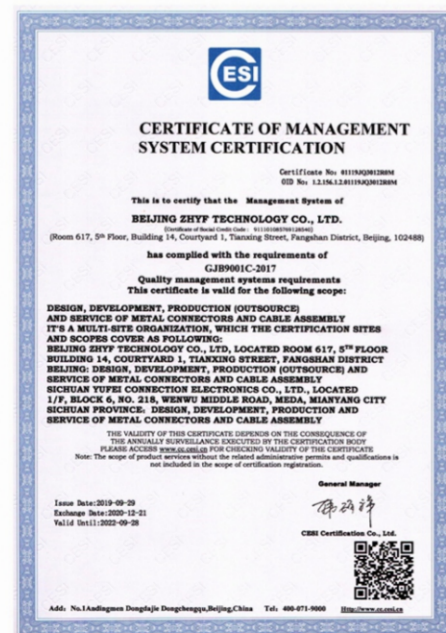
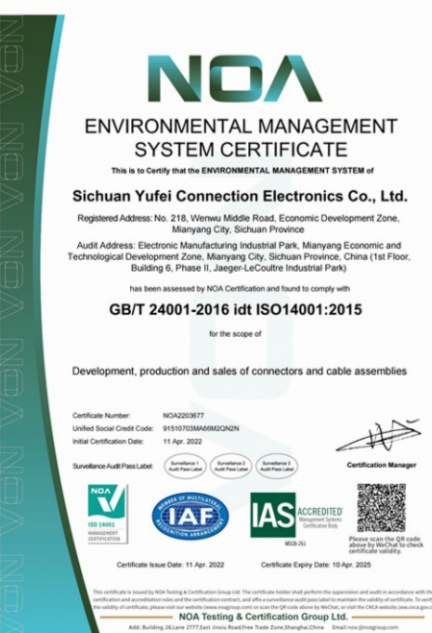
ZHYF has established its quality management system according to ISO 9001, and 5S management system. Product standards meet the requirement of MIL, UL and IEC, Chinese military GJB accordingly.

ZHYF can design connectors according to customer specifications. In any case, high quality and reliability connection is the primary target for the company to achieve.

Relying on the experienced professional team, we will provide partners with more than expected connectivity solutions.

**VISION: To be a shining star in connector industry!**

**MISSION: Relying on the experienced professional team, to provide partners with more than expected connectivity solutions.**



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FX系列集成化、高速化、高密化微圆形连接器

1

本产品样本仅供选型和签订合同的参考，不能作为用户设计产品和验收依据，请以实际咨询、合同、相关技术规格书等为准，此样本与以前版本样本不符时，以此样本为准。



## FX系列集成化、高速化、高密化微圆形连接器

### 产品简介

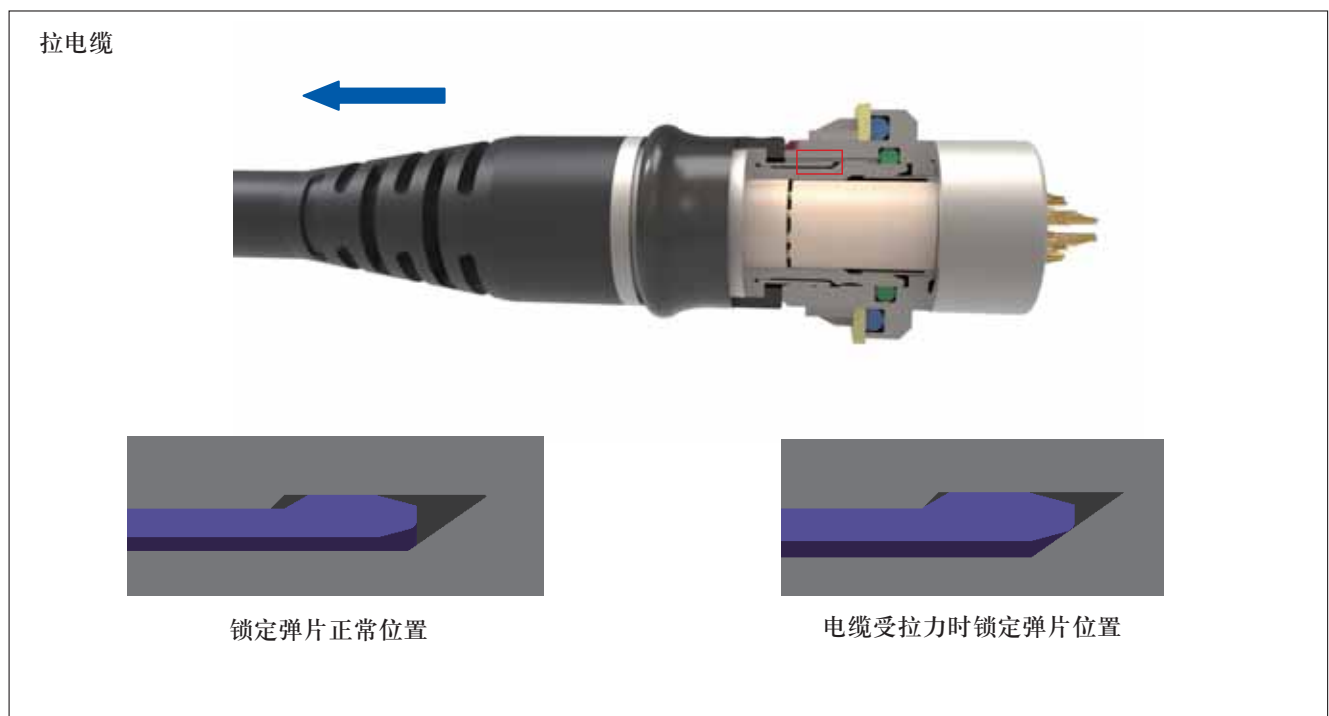
- 直式推入拉出结构，具有快速插拔、五键定位、高密度、小体积、盲插等特点
- 屏蔽、密封、耐环境、高插拔寿命、重量轻
- 集成化：实现低频、电源、高速、射频、光纤等多种信号集成化传输
- 高速化、标准化：可满足多种标准协议高速信号（USB2.0、USB3.0、千兆网、万兆网、HDMI、SATA、DP等）传输
- 被广泛应用于军、民领域的电台设备、医疗设备、测试检测设备、音频视频设备、数据采集、工业控制等场合的直流、交流、高速、射频、光纤等的电气连接，特别适合于高密度安装、相对狭小空间安装及使用旋转方式插合分离困难的场合。
- 执行企业标准：Q/21EJ6832



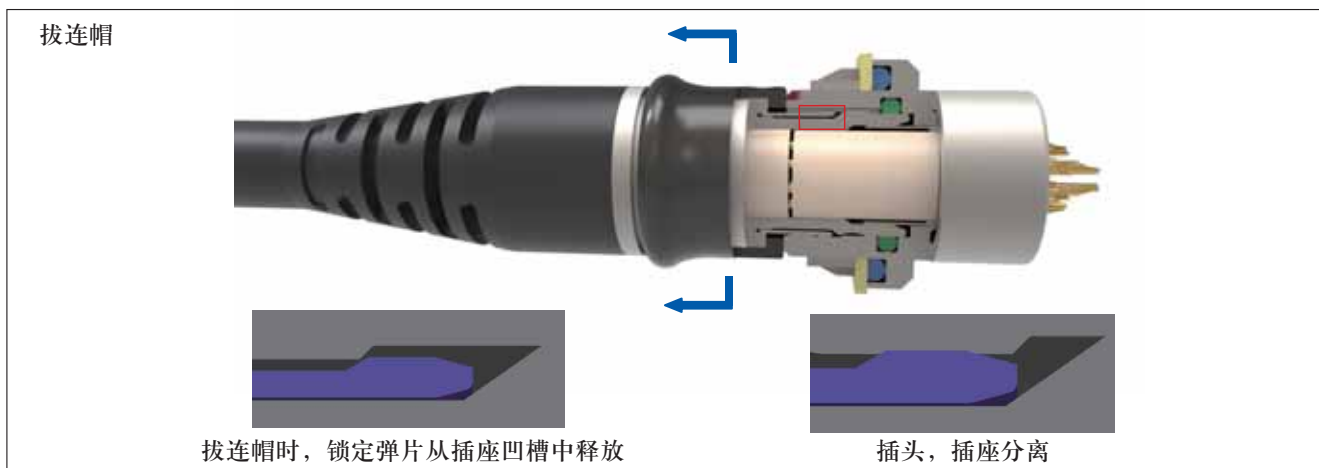
### 主要特征

- 插头插座直式推拉锁紧结构
- 插座为螺母紧固安装形式，自带导电O型圈  
泄漏率：气压差值为 $1 \times 10^5 \text{Pa}$ ，泄漏率应 $< 1.0 \text{Pa} \cdot \text{cm}^3 / \text{s}$ （光纤、射频不具备气密性）
- 插头插座插合，耐水压：2m水深、24h
- 插头插座均可以实现装插针、装插孔
- 端接形式：插头——焊接，插座——焊接、直式印制板、弯式印制板
- 五键定位，四种键位和颜色双重防误插
- 有101、102、103、1031、104、105、106等七种壳体代码

### 插拔自锁机制图解



拉电缆时，锁定弹片仍然嵌在插座的凹槽中，插头插座不能分离。



拔连帽时，锁定弹片从插座凹槽中释放出来，插头插座轻易分离。

**定位**

插头	壳体定位	壳体号	键位			
			N	A	B	C
		101				
		102				
		103				
		1031				
		104				
	105					
	106					
	颜色定位		红色	白色	蓝色	绿色

插座	壳体定位	壳体号	键位			
			N	A	B	C
		101				
		102				
		103				
		1031				
		104				
	105					
	106					
	颜色定位		红色	白色	蓝色	绿色

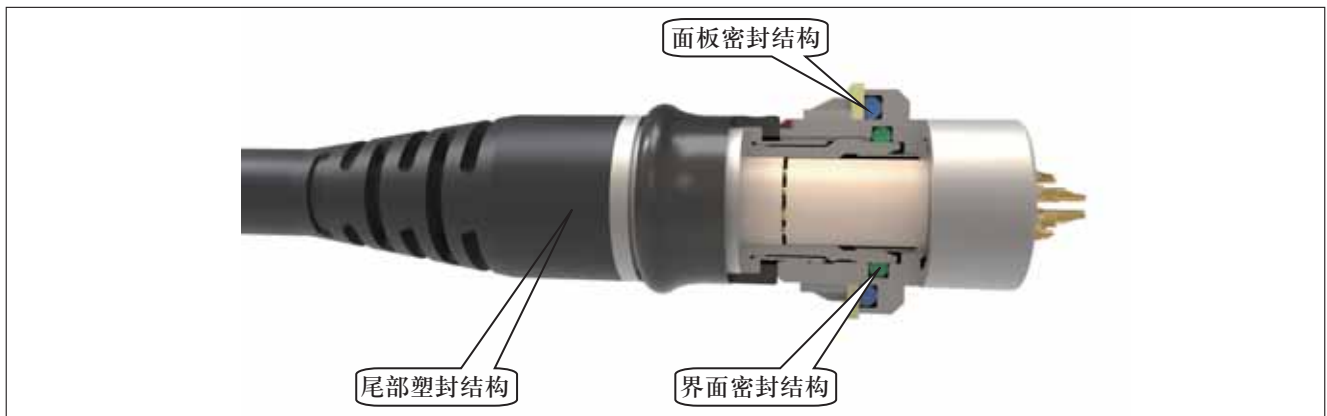
## 主要技术性能

### [机械性能]

- 机械寿命：5000次
- 振动：101、102壳体正弦振动：频率10~2000Hz，加速度 $147\text{m/s}^2$ ， $\leq 1\mu\text{s}$ 瞬断  
其余壳体随机振动：功率谱密度 $1.0\text{G}^2/\text{Hz}$ ，均方根值 $36.6\text{G}$ ， $\leq 1\mu\text{s}$ 瞬断
- 冲击：加速度 $2940\text{m/s}^2$ ， $\leq 1\mu\text{s}$ 瞬断

### [环境性能]

- 工作温度： $-55^\circ\text{C} \sim 125^\circ\text{C}$
- 相对湿度： $40^\circ\text{C}$ 时，达95%
- 插座泄漏率：气压差值为 $1 \times 10^5\text{Pa}$ ，泄漏率应不大于 $1.0\text{Pa}\cdot\text{cm}^3/\text{s}$ （光纤、射频不具备气密性）
- 盐雾：铝合金96h、铜合金500h
- 插头插座插合，耐水压：2m水深、24h



### [电气性能]

——接触件规格、接触电阻、焊线杯直径、最大导线规格：

接触件规格 mm	接触电阻 mΩ	焊线杯直径 mm	最大导线规格	
			mm <sup>2</sup>	AWG
Φ0.3	25	Φ0.35	0.06	30
Φ0.5	15	Φ0.6	0.15	26
Φ0.7	12.5	Φ0.75	0.2	24
Φ0.9	5	Φ0.8	0.3	22
Φ1.3	3	Φ1.2	0.5	20
Φ1.6	2.5	Φ1.8	2.0	14
Φ2.0	2	Φ2.0	2.0	14
Φ2.3	1.5	Φ2.1	3.0	12
Φ3.0	1	Φ3.1	4.8	10

——绝缘电阻：

序号	工作环境	绝缘电阻 MΩ
1	常温状态	$\geq 5000$
2	$125^\circ\text{C}$	$\geq 500$
3	潮湿	$\geq 100$

——额定电流：

序号	接触件规格 mm	额定电流 A
1	Φ0.3	1
2	Φ0.5	1.8
3	Φ0.7	3.8
4	Φ0.9	6.3
5	Φ1.3	9
6	Φ1.6	15
7	Φ2.0	19
8	Φ2.3	20
9	Φ3.0	30

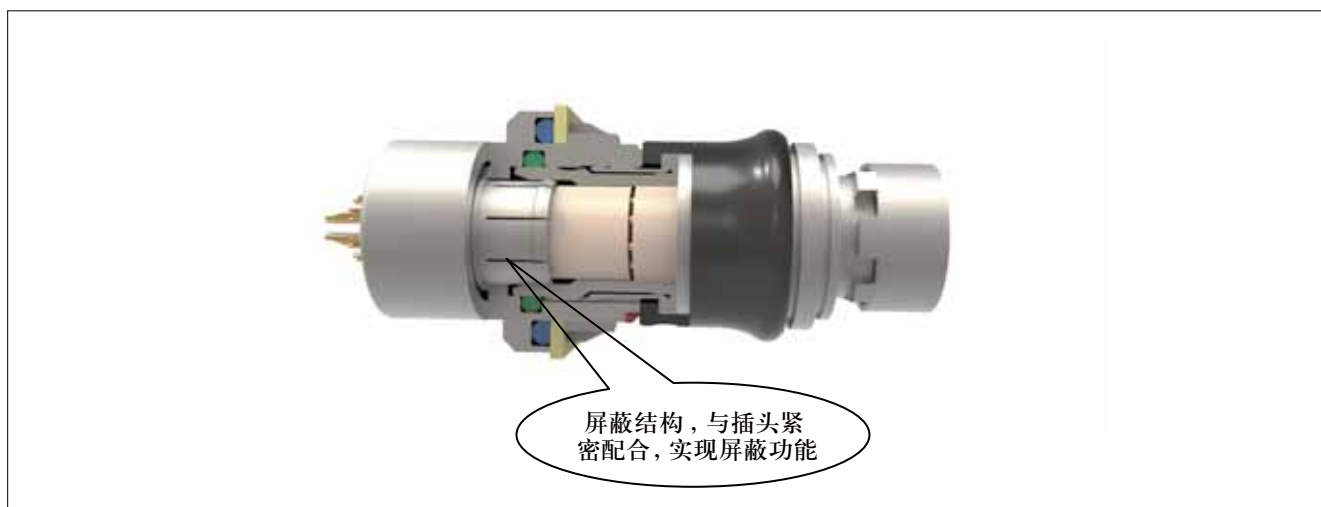
当多接触件同时工作时,其额定工作电流下降率应符合下表规定：

接触件数目	1~10	11~20	21~30	31~62
额定工作电流下降率%	0	10	20	30

——介质耐压：

工作条件	海平面 V, AC	21336m高度 V, AC
I	750	175
II	875	225
III	1000	250

——屏蔽效能：>55dB (1GHz)





**型号命名**

系列主称	FX系列微圆形连接器	FX	102	T02	F	056	J	N	-	H	S	01
壳体代码	101-102-103-104-105-106											
插头插座形式	T02 - 插头 Z02 - 螺母紧固面板后安装插座（带防松棘齿）											
壳体材料及镀层①	铝合金镀缎面镍 F 铜合金镀缎面镍 C											
接点代码	详见接点排列											
接触件形式	电接触件	插针J	插孔K									
	差分接触件	插针A1	插孔B1									
	光接触件	插针A2	插孔B2									
	射频接触件	插针A3	插孔B3									
	混装接触件	插针A4	插孔B4									
键位	N-A-B-C											
分隔符	-											
接触件端接形式 仅A2、B2不可选	焊接	H										
	直式印制板	B										
	弯式印制板	W										
接地片 (仅Z02可选)	无接地片	0										
	有接地片	1										
电缆处理形式 (仅T02可选)	塑封形式	S										
	夹紧形式	J										
改型代号	01、02、03...											

**[型号命名标记]**

FX102T02F056JN-HS:

FX系列连接器，壳体号为102，插头T02，铝合金镀缎面镍，接点代码为056，接触件为插针，键位为N，接触件焊接，电缆处理形式为塑封。

FX102Z02F056KN-H0:

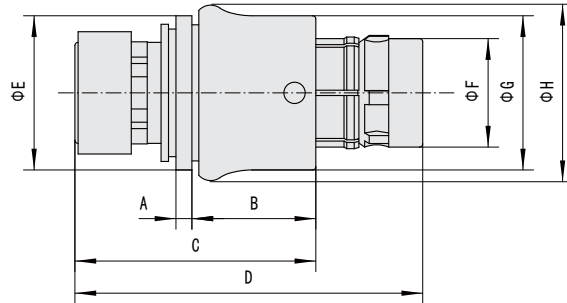
FX系列连接器，壳体号为102，螺母紧固面板后安装插座Z02，铝合金镀缎面镍，接点代码为056，接触件为插孔，键位为N，接触件焊接，不带接地片。

①：壳体材料及镀层对应的产品外观及颜色



## 外形尺寸

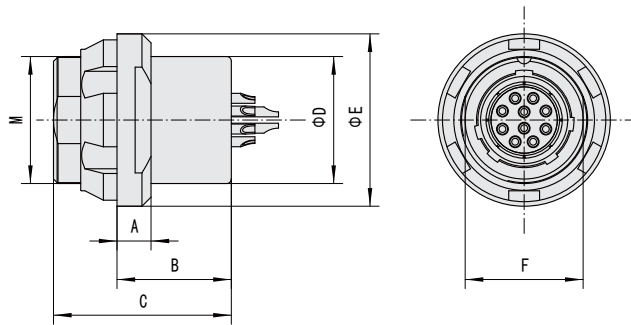
### [T02—电缆塑封插头]



单位: mm

壳体号	A	B	C	D	E	F	G	H	最大电缆直径
101	1.5	9.2	17.3	25.6	9.9	5	9	11	3.5
102	1.5	10.4	21.4	31.4	11.9	7	12	14	5.5
103	1.5	11.4	22.4	33.2	13.9	9	13.9	15.9	6.5
1031	1.5	11.7	22.7	32.7	14.5	10.2	14.5	16.5	8
104	1.5	12.2	23.2	35.2	17.6	12	17.6	19.6	10
105	1.5	12.2	23.2	38.3	21.9	15	22	23.9	11.5
106	2.2	18.1	34.1	52.6	29.8	22.5	30	33	17.5

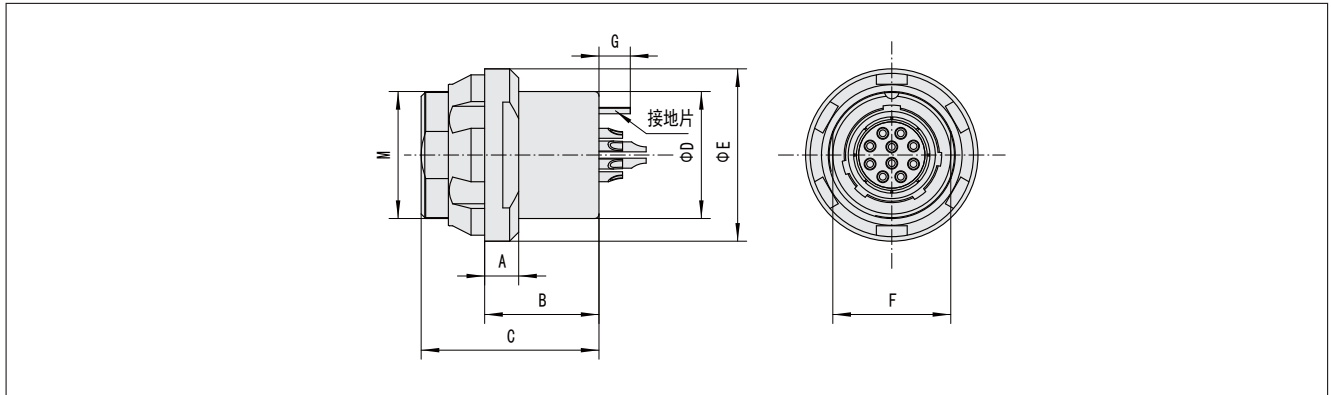
### [Z02无接地片插座]



单位: mm

壳体号	A	B	C	D	E	F	M
101	3	6.3	14.3	8	12.4	7.2	8*0.75
102	3.5	8.7	16.7	10	15.5	10	11*0.75
103	3.55	13.1	21.1	12	18.5	13	14*0.75
1031	3.75	12	19.6	14	19	13.2	14*0.75
104	4	14.5	22.5	15	22	15	16*1
105	4.55	16.1	26.6	21.05	27.1	18	20*1
106	5	13	26	27	39	27	30*1.5

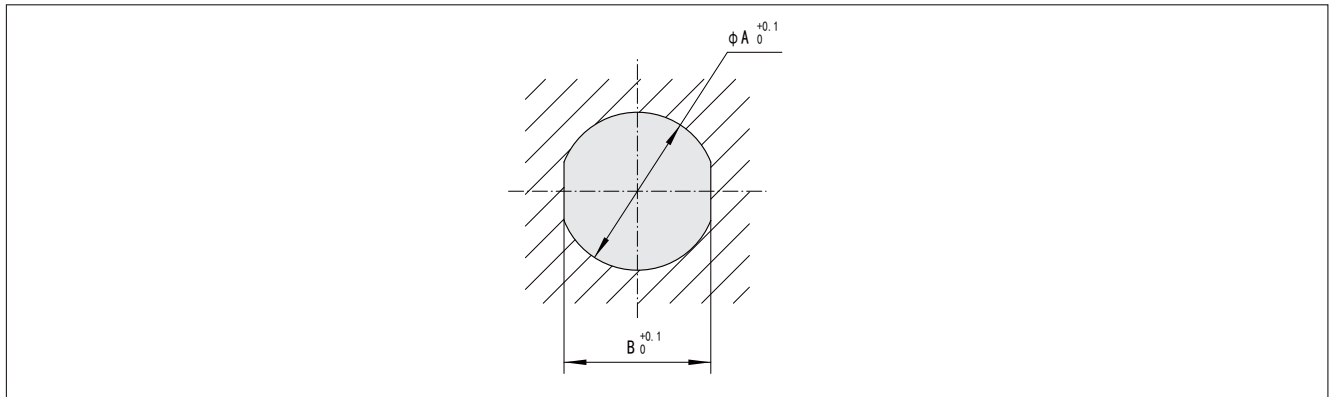
[Z02有接片插座]



单位: mm

壳体号	A	B	C	D	E	F	G	M
101	3	6.3	14.3	8	12.4	7.2	3	8*0.75
102	3.5	8.7	16.7	10	15.5	10	3	11*0.75
103	3.55	13.1	21.1	12	18.5	13	3	14*0.75
1031	3.75	12	19.6	14	19	13.2	3	14*0.75
104	4	14.5	22.5	15	22	15	3	16*1
105	4.55	16.1	26.6	21.05	27.1	18	3	20*1
106	5	13	26	27	39	27	4	30*1.5

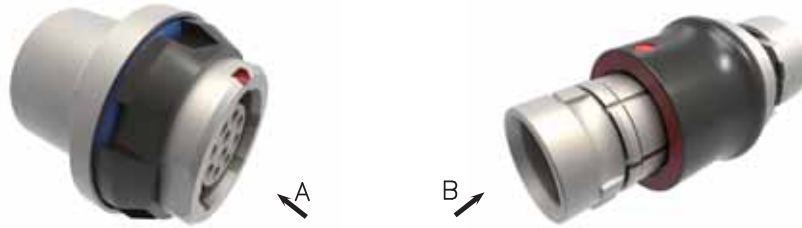
[Z02插座建议面板开孔尺寸]



单位: mm

壳体号	A	B	面板最大厚度
101	8.1	7.3	3
102	11.1	10.1	3
103	14.1	13.1	3
1031	14.1	13.3	2
104	16.1	15.1	2
105	20.1	18.1	3
106	30.1	27.1	4

### 高速接点排列

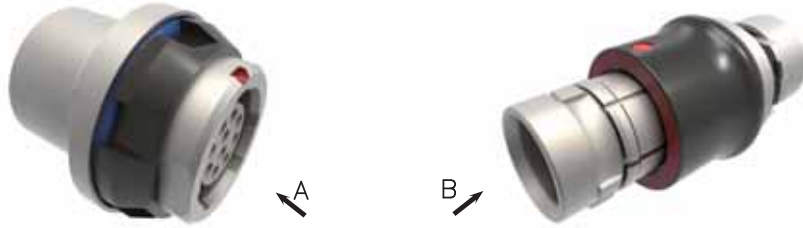


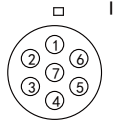
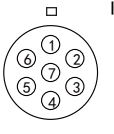
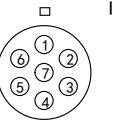
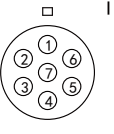
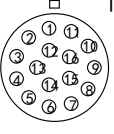
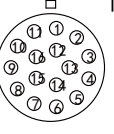
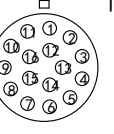
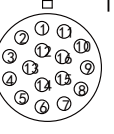
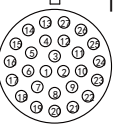
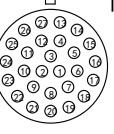
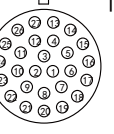
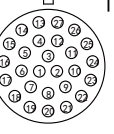
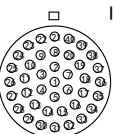
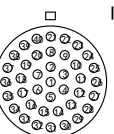
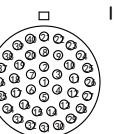
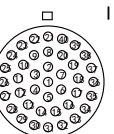
接点排列				壳体代码	接点代码	接点数量	接点直径 mm	接口类型	接触件形式	差分传输速率
插座装孔	插头装针	插座装针	插头装孔							
A向	B向	A向	B向							
				1031	051	8	0.5	万兆网	A1/B1	2.5Gbps
					052	12	0.5 0.7	USB3.0+电源	A4/B4	5Gbps
					054	8	0.5 0.7	2路USB2.0	A1/B1	480Mbps
					056	8	0.5	千兆网	A1/B1	250Mbps
				104	038	20	0.5	HDMI/DP/DVI	A1/B1	3.4Gbps
					039	20	0.5	2路千兆网	A1/B1	250Mbps

注：I、II、III表示耐压等级，详见前文主要技术性能。接触件形式见型号命名。

高速接点信号定义															
1031-051		1031-052		1031-054		1031-056		104-038				104-039			
孔位	信号定义	孔位	信号定义	孔位	信号定义	孔位	信号定义	孔位	信号定义	孔位	信号定义	孔位	信号定义	孔位	信号定义
1	DATA1+	1	VBUS	1	DATA+	1	DATA1+	2	DATA1+	1	Signal or Powr	1	1-DATA1+	9	2-DATA3+
2	DATA1-	4	GND	7	DATA-	2	DATA1-	7	Shield	8	Signal or Powr	13	1-DATA1-	20	2-DATA3-
3	DATA2+	2	DATA+	2	VCC	3	DATA2+	3	DATA1-	15	Signal or Powr	12	1-DATA2+	10	2-DATA4+
4	DATA2-	3	DATA-	6	GND	4	DATA2-	5	DATA2+	17	Signal or Powr	14	1-DATA2-	19	2-DATA4-
5	DATA3+	5	SSTX+	8	DATA+	5	DATA3+	11	Shield	13	Signal or Powr	3	1-DATA3+	2	Signal or Powr
6	DATA3-	11	GND DRAIN	4	DATA-	6	DATA3-	12	DATA2-	20	Signal or Powr	16	1-DATA3-	5	Signal or Powr
7	DATA4+	6	SSTX-	3	VCC	7	DATA4+	18	DATA3+	4	Signal or Powr	4	1-DATA4+	8	Signal or Powr
8	DATA4-	8	SSRX+	5	GND	8	DATA4-	14	Shield	6	Signal or Powr	15	1-DATA4-	11	Signal or Powr
		12	GND DRAIN					19	DATA3-			6	2-DATA1+		
		9	SSRX-					9	DATA4+			18	2-DATA1-		
		7	POWR					10	Shield			7	2-DATA2+		
		10	GND					16	DATA4-			17	2-DATA2-		

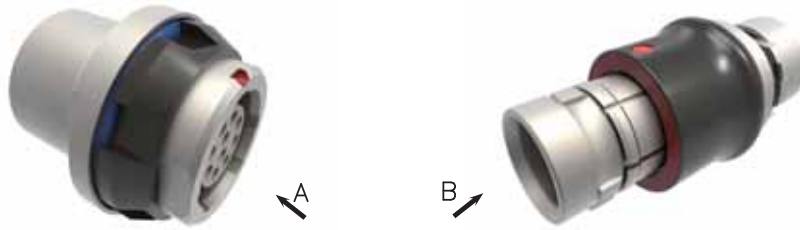
## 高密接点排列

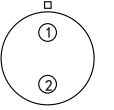
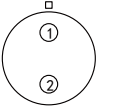
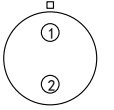
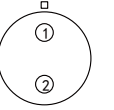
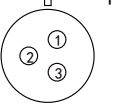
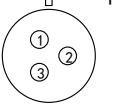
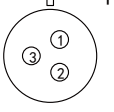
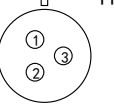
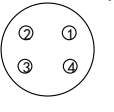
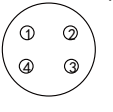
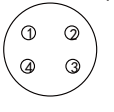
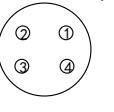
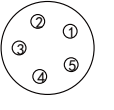
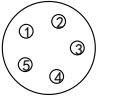
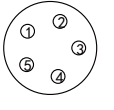
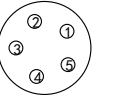
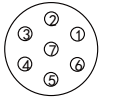
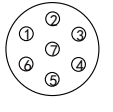
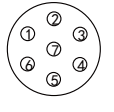
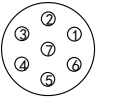
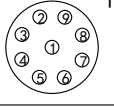
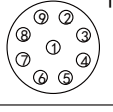
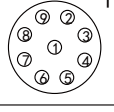
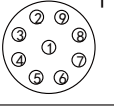
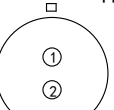
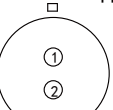
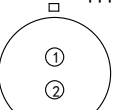
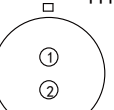
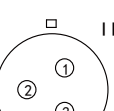
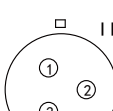
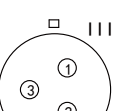
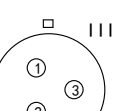
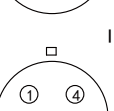
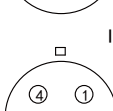
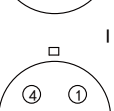
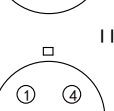


接点排列				壳体代码	接点代码	接点数量	接点直径 mm	接触件形式
插座装孔	插头装针	插座装针	插头装孔					
A向	B向	A向	B向					
				101	051	7	0.3	J/K
				102	060	16	0.3	J/K
				103	063	27	0.3	J/K
				1031	053	40	0.3	J/K

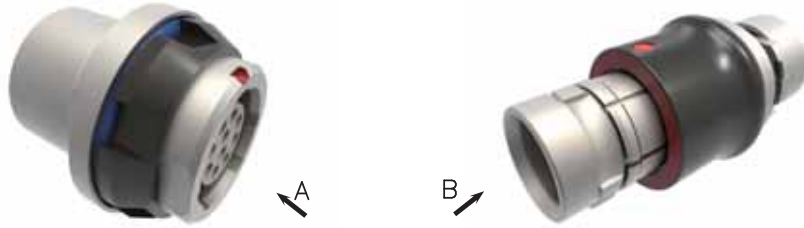
注：Ⅰ、Ⅱ、Ⅲ表示耐压等级，详见前文主要技术性能。接触件形式见型号命名。

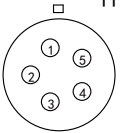
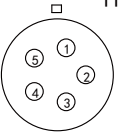
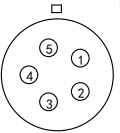
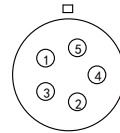
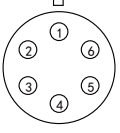
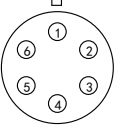
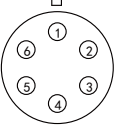
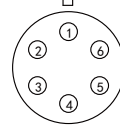
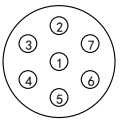
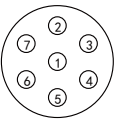
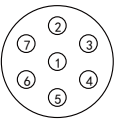
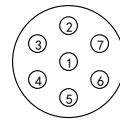
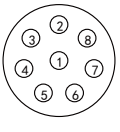
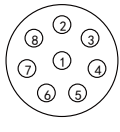
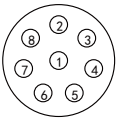
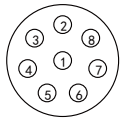
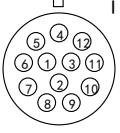
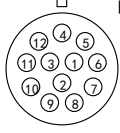
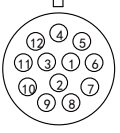
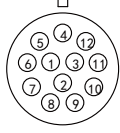
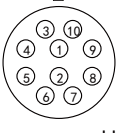
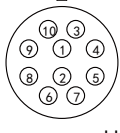
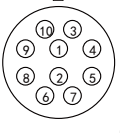
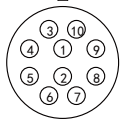
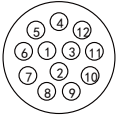
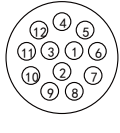
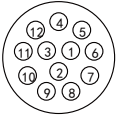
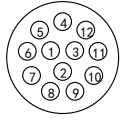
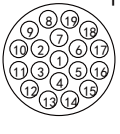
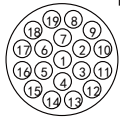
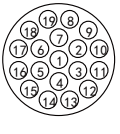
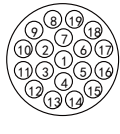
### 低频、电源接点排列



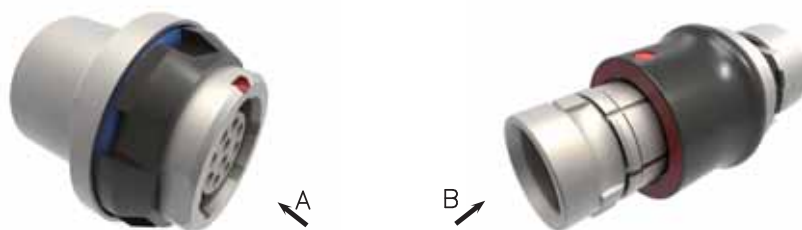
接点排列				壳体代码	接点代码	接点数量	接点直径 mm	接触件形式
插座装孔	插头装针	插座装针	插头装孔					
A向	B向	A向	B向					
				102	051	2	0.9	J/K
					052	3	0.9	J/K
					053	4	0.7	J/K
					054	5	0.7	J/K
					056	7	0.5	J/K
					059	9	0.5	J/K
				103	051	2	1.3	J/K
					052	3	1.3	J/K
					053	4	0.9	J/K

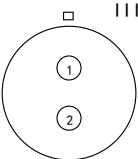
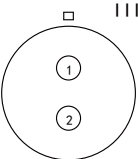
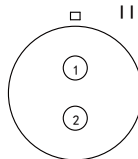
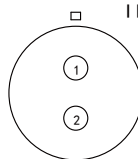
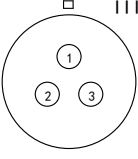
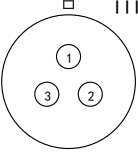
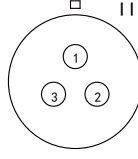
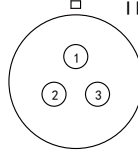
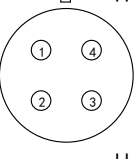
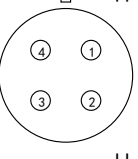
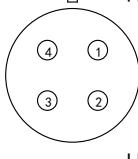
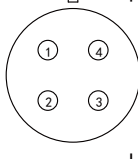
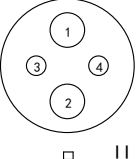
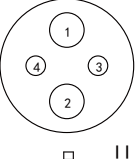
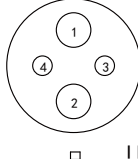
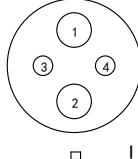
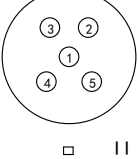
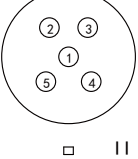
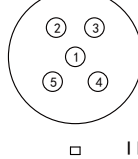
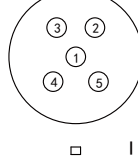
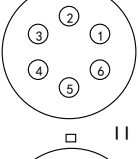
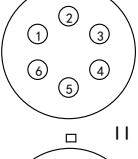
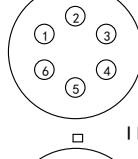
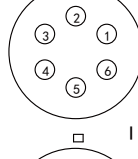
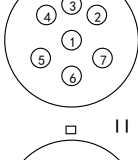
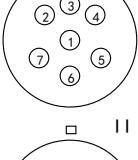
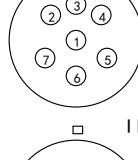
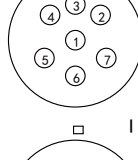
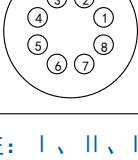
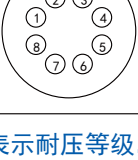


注：Ⅰ、Ⅱ、Ⅲ表示耐压等级，详见前文主要技术性能。接触件形式见型号命名。



接点排列				壳体代码	接点代码	接点数量	接点直径 mm	接触件形式
插座装孔	插头装针	插座装针	插头装孔					
A向	B向	A向	B向					
				103	054	5	0.9	J/K
					056	6	0.7	J/K
					057	7	0.7	J/K
					058	8	0.7	J/K
					062	12	0.5	J/K
				1031	010	10	0.7	J/K
					012	12	0.7	J/K
					019	19	0.5	J/K

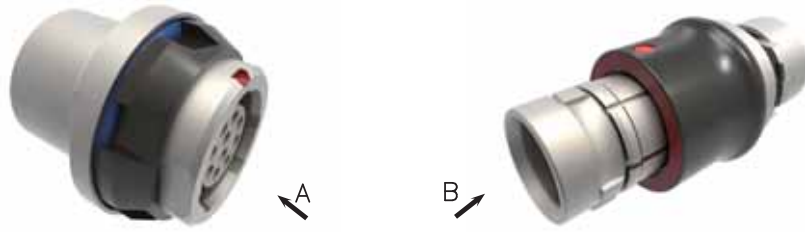
注：Ⅰ、Ⅱ、Ⅲ表示耐压等级，详见前文主要技术性能。接触件形式见型号命名。

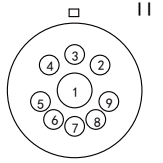
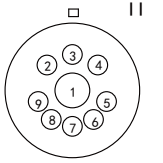
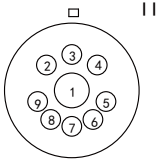
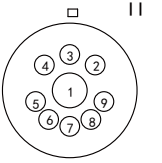
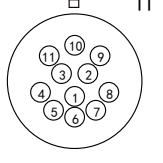
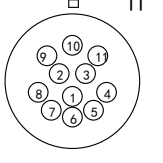
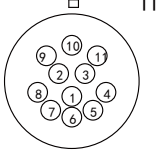
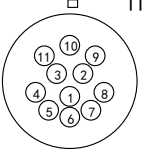
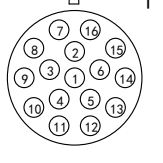
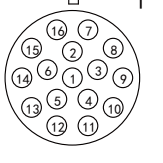
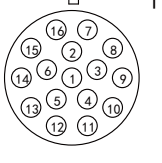
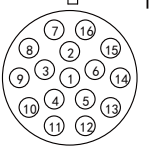
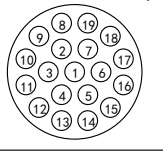
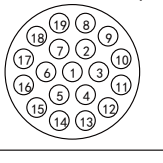
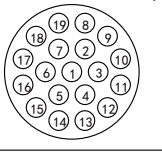
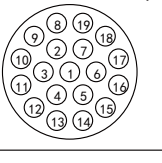
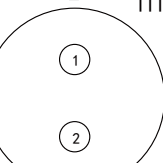
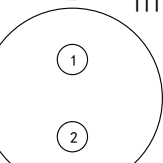
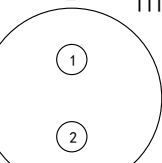
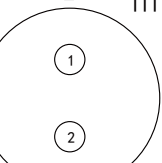
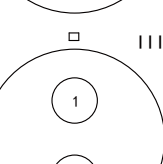
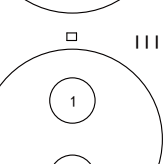
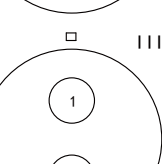
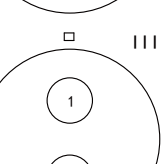
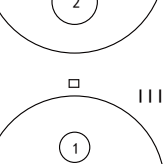
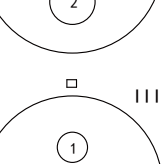
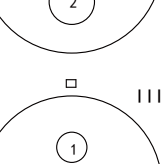
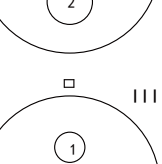
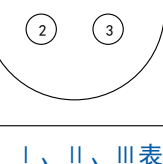
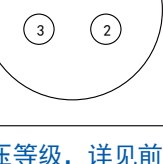


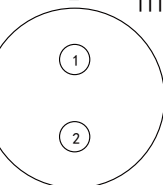
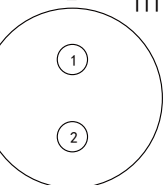
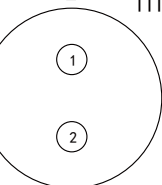
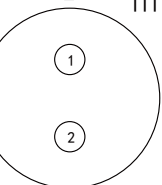
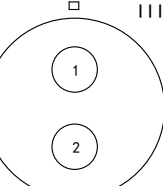
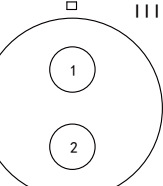
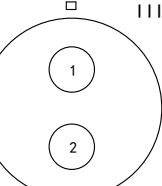
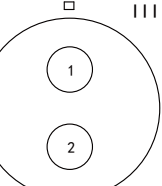
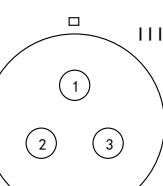
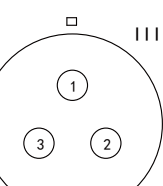
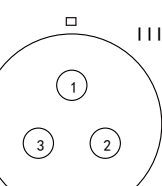
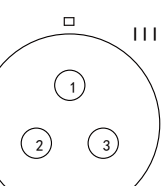


接点排列				壳体代码	接点代码	接点数量	接点直径 mm	接触件形式
插座装孔	插头装针	插座装针	插头装孔					
A向	B向	A向	B向					
				104	051	2	1.6	J/K
					040	3	1.6	J/K
					037	4	1.3	J/K
					087	4	2.3	J/K
							0.9	
					053	5	1.3	J/K
					065	6	0.9	J/K
					054	7	0.9	J/K
				066	8	0.9	J/K	

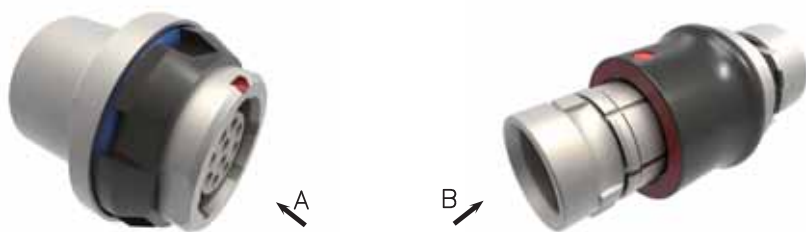
注：Ⅰ、Ⅱ、Ⅲ表示耐压等级，详见前文主要技术性能。接触件形式见型号命名。

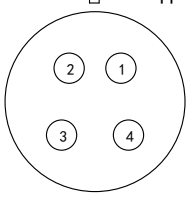
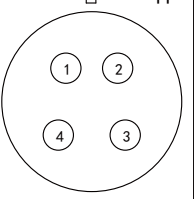
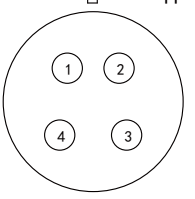
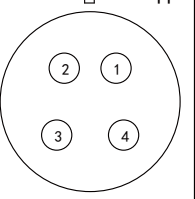
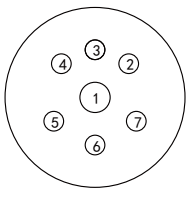
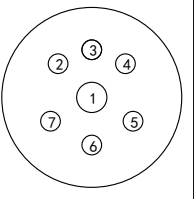
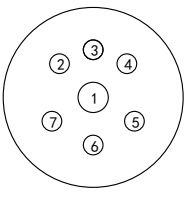
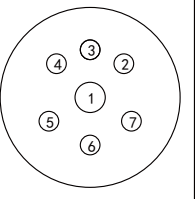
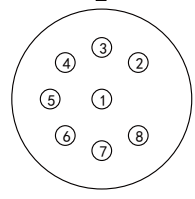
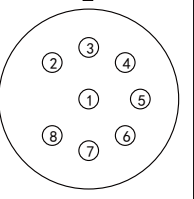
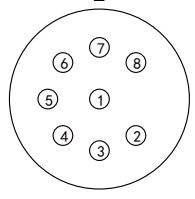
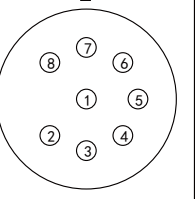
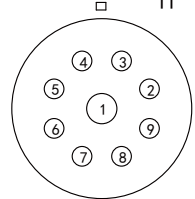
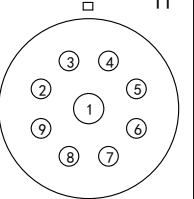
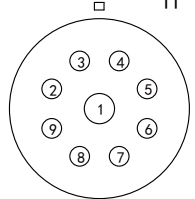
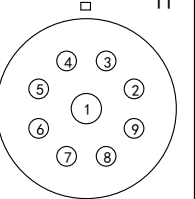
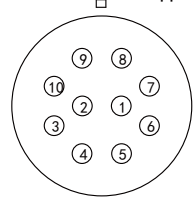
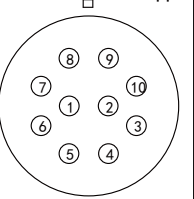
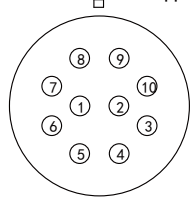
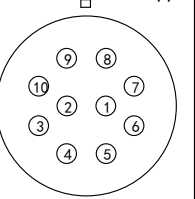
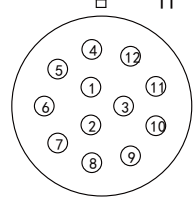
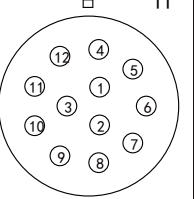
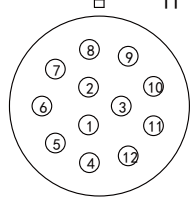
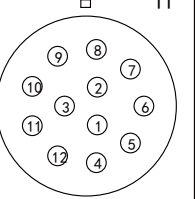




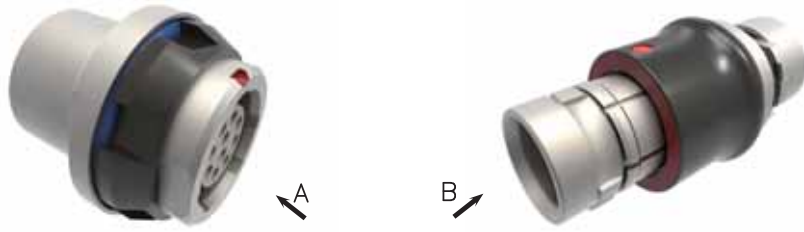
接点排列				壳体代码	接点代码	接点数量	接点直径 mm	接触件形式	
插座装孔	插头装针	插座装针	插头装孔						
A向	B向	A向	B向						
				104	055	9	1.3	J/K	
							0.9		
						056	11	0.9	J/K
								0.7	
				086	16	0.7	J/K		
						0.7			
				092	19	0.7	J/K		
						0.7			
				105	051	2	2.0	J/K	
							3.0		
							2.0		

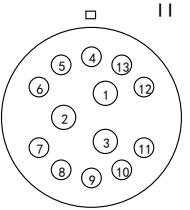
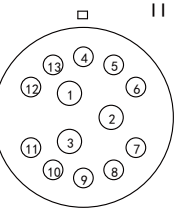
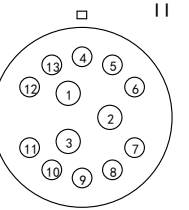
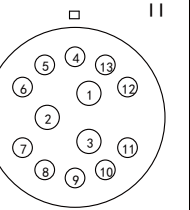
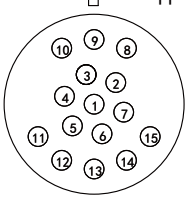
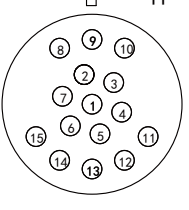
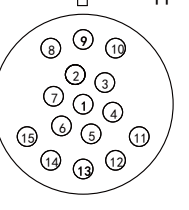
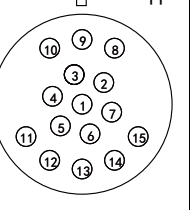
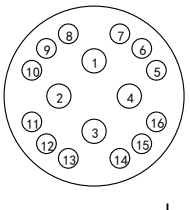
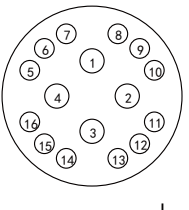
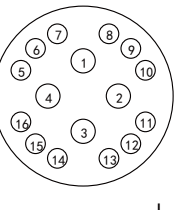
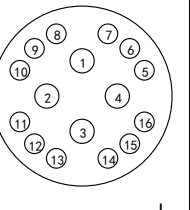
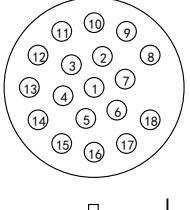
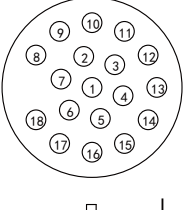
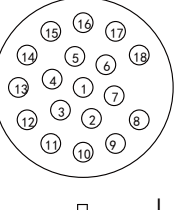
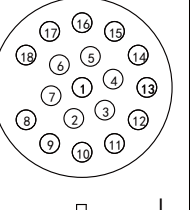
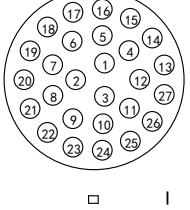
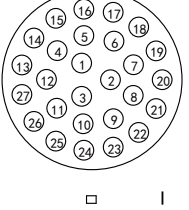
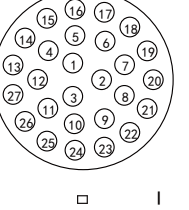
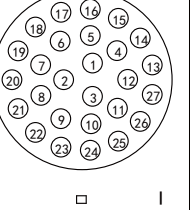
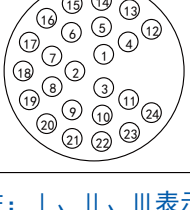
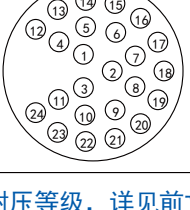
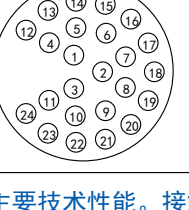

注：Ⅰ、Ⅱ、Ⅲ表示耐压等级，详见前文主要技术性能。接触件形式见型号命名。



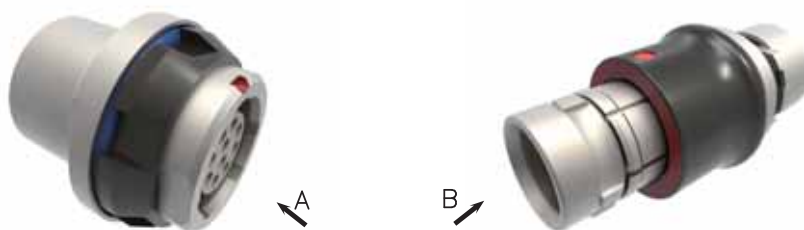
接点排列				壳体代码	接点代码	接点数量	接点直径 mm	接触件 形式
插座装孔 A向	插头装针 B向	插座装针 A向	插头装孔 B向					
				105	053	4	2.0	J/K
					054	7	2.0 1.3	J/K
					067	8	1.3	J/K
					101	9	2.0 1.3	J/K
					062	10	1.3	J/K
					069	12	1.3	J/K

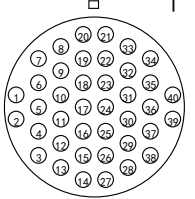
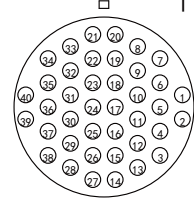
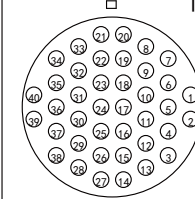
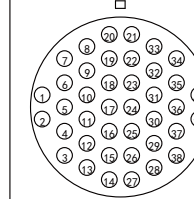
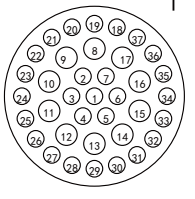
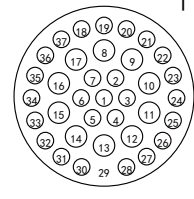
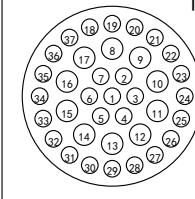
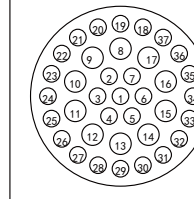
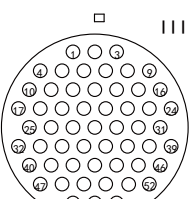
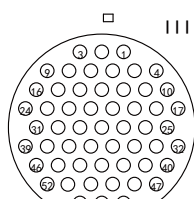
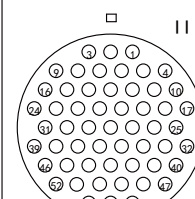
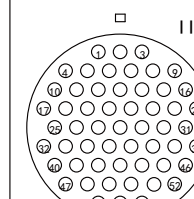
注：I、II、III表示耐压等级，详见前文主要技术性能。接触件形式见型号命名。



接点排列				壳体代码	接点代码	接点数量	接点直径 mm	接触件 形式		
插座装孔	插头装针	插座装针	插头装孔							
A向	B向	A向	B向							
				105	104	13	3	1.3	J/K	
							10	0.7		
					110	058	15	0.9	J/K	
								038		110
					12	0.7				
					102	038	18	0.9	J/K	
				093				102		27
					093	093	24		0.7	

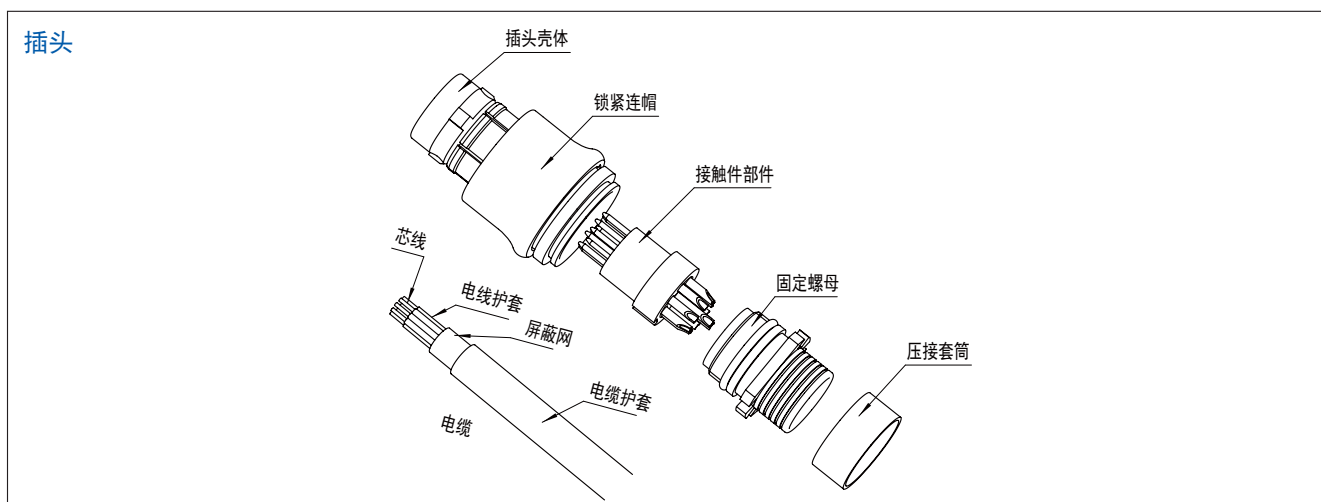
注：Ⅰ、Ⅱ、Ⅲ表示耐压等级，详见前文主要技术性能。接触件形式见型号命名。



接点排列				壳体代码	接点代码	接点数量	接点直径 mm	接触件 形式
插座装孔	插头装针	插座装针	插头装孔					
A向	B向	A向	B向					
				105	122	40	0.5	J/K
				105	137	37	0.7 0.5	J/K
				106	055	55	0.7	J/K

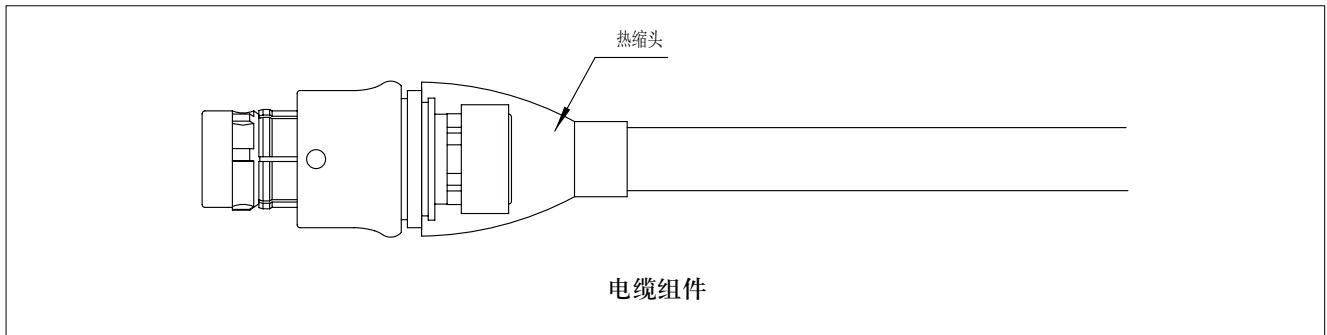
注：I、II、III表示耐压等级，详见前文主要技术性能。接触件形式见型号命名。

### T02-电缆塑封插头接线方法

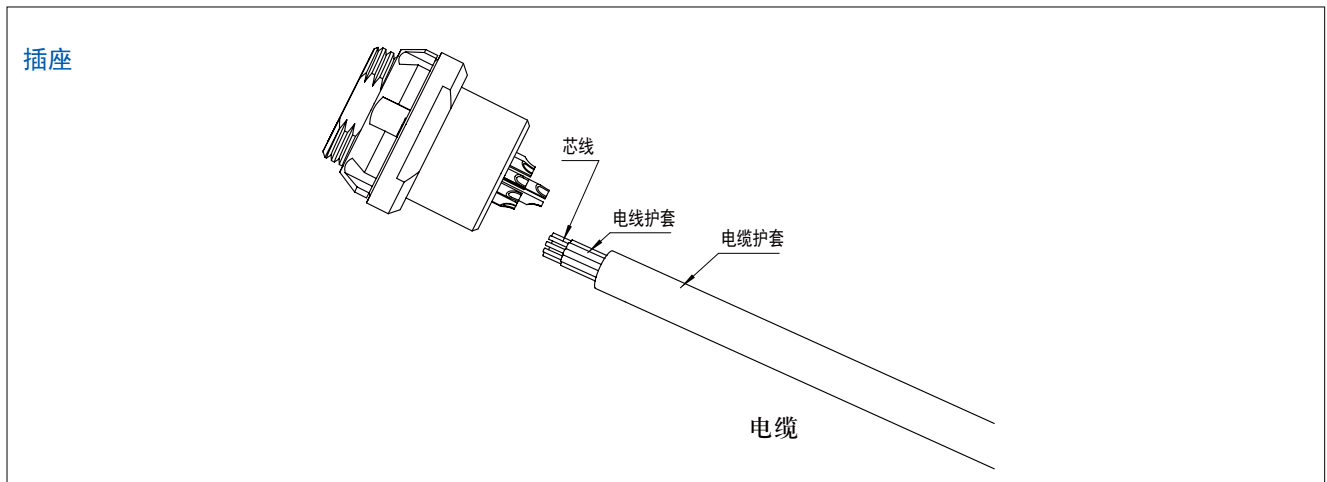


### 插头接线方法及处理方式:

- 1.剥线,芯线的剥线长度按实际所需长度进行;
- 2.拧下插头的紧固螺母,从插头内取出接触件部件;
- 3.从电缆剥线一端依次套上热缩头(有热缩头时)、压接套筒、紧固螺母、并且在每根芯线上套上合适规格的热缩管;
- 4.焊线完成后,将热缩管推至焊点处,加热收缩热缩管保护焊点;
- 5.将接触件部件装入插头内(注意接触件部件上的槽与插头壳体上的键配合);
- 6.将紧固螺母拧紧,拧紧后接触件部件沿插头中心轴线不允许移动;
- 7.将电缆屏蔽层均匀挑散后360°包裹在紧固螺母尾端;
- 8.将压接套筒套在紧固螺母尾端,然后压接钳将压接套筒压成六方并去掉多余屏蔽;
- 9.将热缩头推至插头壳体的台阶处加热收缩。



### Z02插座接线方法



### 插座接线方法及处理方式:

- 1.剥线,芯线的剥线长度按实际所需长度进行;
- 2.在每根芯线上套上合适规格的热缩管;
- 3.焊线完成后,将热缩管推至焊点处,加热收缩热缩管保护焊点。

