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DAFA CONNECTOR

专业的军工连接器生产厂商

CSP DAFA
CONNECTOR



慈溪市大发精密连接器有限公司
Cixi Dafa Precise Linker Co., Ltd.

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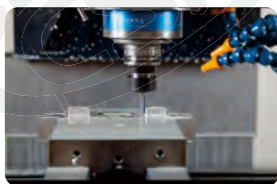
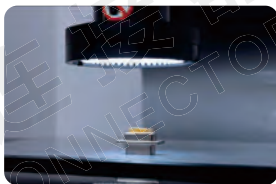
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大发精密连接器
PRODUCT
MANUAL

CSP





企业简介 Company profile

慈溪大发精密连接器有限公司成立于1990年，是一家专业以生产军用和民用电连接器的生产厂商。主要产品有：耐环境快速分离的电气连接器、高可靠性电源连接器、滤波连接器、MIL-C-38999系列高密度电连接器、推拉式电连接器等50多个系列5000多种规格。

公司通过了ISO9001质量管理体系认证、军品质量管理体系认证、TS16949质量管理体系认证。

企业优势

公司拥有强大的研发团队，先进的加工设备，精密的检测设备；反应速度快，开发周期短。从连接器开发、工装到生产，所有加工工序，只有表面处理是外部完成，其他加工工序都在公司内部完成，有利于控制产品质量和产品交付进度。

发展方向

面对日益激烈的市场竞争，公司坚持“以客户为中心，持续满足客户需求”的经营理念，坚持“客户至上，质量第一”的宗旨。

我们热烈欢迎来自国内和国外的新老客户进行技术、经济合作。

Cixi Dafa precise Linker Co.,Ltd established in 1990, is a professional connectors manufacturerspecializing in military and civil electronic connectors. Mainly products are Environmental resistance to rapid the separation of electrical connector.high reliability power supply connector, filter connectors, MIL-C-38999 series high density electrical connector, push-pull electrical connectors, more than 50 Series 5000 varieties.

We have passed separately ISO9001 Quality management certification, Military product qualitymanagement system certification, TS16949 Quality management system certification, and Confidentialityqualification.

Enterprise advantage

There is a strong research and development team, advanced processing equipment, precision testingequipment;The reaction speed is fast and the development period is short.From connector development, tooling to production, all processing processes,only surface treatmentis external, all other processing processes are completed within the company, conducive to controlproduct quality and product delivery progress.

Development direction

In the face of increasingly fierce competition in the market, the company will uphold the “Customer-centric approach, continuously meeting customer requirements” business philosophy, We insist on the tenet “customer uppermost,quality first”

We warmly welcome both new and existing clients from demestic and abroad for technical, economic cooperation.



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ZH23系列电连接器，具有耐环境，五键定位防错插、卡口快速连接等特点，接触件为压接型后松后卸式，用于低频交直流电路中。

The ZH23 series connectors are designed for durability and environmental resistance. They feature five-key positioning to prevent incorrect insertion and a bayonet quick connection. The contacts are adapt crimp type, designed for easy release and disconnection. They are used in low-frequency AC and DC circuits.



技术性能

- 环境温度：-60℃~+200℃
- 振 动：加速度40g (1~5000Hz)
- 冲 击：加速度500g (一次)；150g (多次)
- 绝缘电阻：≥5000MΩ
- 耐 盐 雾：48h
- 机械寿命：500次

Technical characteristics

- Ambient temperature: -60℃~+200℃
- Vibration: acceleration of 40g (1~5000Hz)
- Shock: acceleration of 500g (once) ; 150g (multiple times)
- Insulation resistance: ≥5000MΩ
- Salt spray resistance: 48h
- Mechanical life: 500 cycles

等级 Grade	工作电压 Operational voltage (V)	试验电压 Test voltage (V)
A	700	2100
B	500	1850
C	400	1600

接触件直径 Contact diameter	1.0mm	1.5mm	2.0mm
工作电流 Working current	5A	10A	20A
接触电阻 Contact resistance	≤7.4mΩ	≤2.5mΩ	≤1.6mΩ

命名

	ZH23	-3/	14	B-	2	-b-	B
型号							
接触件数							
见孔组排列							
壳体号							
14,18,22,24,27,30,33,36,39							
接触件类型							
B: 插针							
P: 插孔							
BM: 插针, 印制板型							
PM: 插孔, 印制板型							
尾附及连接器类型							
键位							
无标记-标准键位							
a,b,c,d							
全天候							

How to order

	ZH23	-3/	14	B-	2	-b-	B
Model							
No. of contacts							
See the pins layout							
Shell No.							
14,18,22,24,27,30,33,36,39							
Contact type							
B: Pin							
P: Socket							
BM: Pin, PC board mounting.							
PM: Socket, PC board mounting							
Tail attachment and connector type							
Polarization key position							
Omit- Standard key							
a,b,c,d							
All-climate							

尾附及连接器类型

- 1-带筒式尾部附件的插座
- 2-带直夹线式尾附的插座
- 4-带弯夹线式尾附的插座
- 6-带直夹线式尾附的插头
- 8-带弯夹线式尾附的插头
- 11-带筒式尾附的插头
- 12-带09型热塑套管式尾附的插座
- 13-带09型热塑套管式尾附的插头
- 15-带05型屏蔽直式尾附的插座 (记忆环)
- 16-带05型屏蔽直式尾附的插头 (记忆环)
- 17-带06型屏蔽弯式尾附的插座 (记忆环)
- 18-带06型屏蔽弯式尾附的插头 (记忆环)
- 19-带07型屏蔽筒式尾附的插座
- 20-带07型屏蔽筒式尾附的插头
- 21-带08型屏蔽直夹线尾附的插座
- 22-带08型屏蔽直夹线尾附的插头
- 25-带10型屏蔽弯式尾附的插座
- 26-带10型屏蔽弯式尾附的插头
- 27-带11型屏蔽弯夹线尾附的插座
- 28-带11型屏蔽弯夹线尾附的插头

Tail attachments and connector types

- 1- Socket with simple tail attachment
- 2- Socket with straight clamp tail
- 4- Socket with bent clamp tail
- 6- Plug with straight clamp tail
- 8- Plug with bent clamp tail
- 11- Plug with simple tail attachment
- 12- Socket with type 09 thermoplastic sleeve tail
- 13- Plug with type 09 thermoplastic sleeve tail
- 15- Socket with type 05 shielded straight tail (retention ring)
- 16- Plug with type 05 shielded straight tail (retention ring)
- 17- Socket with type 06 shielded bent tail (retention ring)
- 18- Plug with type 06 shielded bent tail (retention ring)
- 19- Socket with type 07 shielded simple tail
- 20- Plug with type 07 shielded simple tail
- 21- Socket with type 08 shielded straight clamp tail
- 22- Plug with type 08 shielded straight clamp tail
- 25- Socket with type 10 shielded bent tail
- 26- Plug with type 10 shielded bent tail
- 27- Socket with Type 11 shielded bent clamp tail
- 28- Plug with Type 11 shielded bent clamp tail

尾部附件标记说明

主称代号	ZH23	N	-05	-33
表面处理				
N-外壳镀镍				
J-外壳镀铜				
尾附类型				
05-屏蔽直式尾部附件 (带记忆环)				
06-屏蔽弯式尾部附件 (带记忆环)				
07-屏蔽尾部附件 (筒式)				
08-屏蔽直夹线尾部附件				
09-热塑管式尾部附件				
10-屏蔽弯式尾部附件				
11-屏蔽弯夹线尾部附件				
壳体号				
14,18,22,24,27,30,33,36,39				

Tail attachment marking instructions

Main reference code	ZH23	N	-05	-33
Surface treatment				
N- Nickel plated shell				
J- Cadmium plated shell				
Tail attachment type				
05-Shielded straight tail attachment with memory ring				
06-Shielded angled tail attachment with memory ring				
07-Shielded tail attachment (simplified)				
08-Shielded straight cable clamp tail attachment				
09-Thermoplastic tube tail attachment				
10-Shielded angled tail attachment				
11-Shielded angled cable clamp tail attachment				
Shell No.				
14,18,22,24,27,30,33,36,39				

型谱图：孔组排列 (从插孔方向看) Pins layout (view from socket the mating side)

14号壳体		18号壳体		接触件直径 标志
				Ø1.0mm ○ Ø1.5mm ● Ø2.0mm ◐
22号壳体		24号壳体		



27号壳体	19/27 	28/27 	32/27
30号壳体	24/30 	41/30 	33号壳体 32/33
36号壳体	43/36 	61/36 	39号壳体 45/39

键位角度 Polarization key position

3/14 	19/22 	41/30
4/14 	19/24 	32/33

ZH23系列电连接器

ZH23 series connectors



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7/18		19/27		55/33	
10/18		28/27		43/36	
7/22		32/27		61/36	
10/22		24/30		45/39	

型号 Model	a	b	c	d	无标记 Normal
3-14	160				0
4-14		135			0
7-18	90				0
10-18		70			0
7-22	80	170	225		0
10-22		100	195		0
19/22	30		225		0
19/24	30	120	245		0
19/27	30	195			0

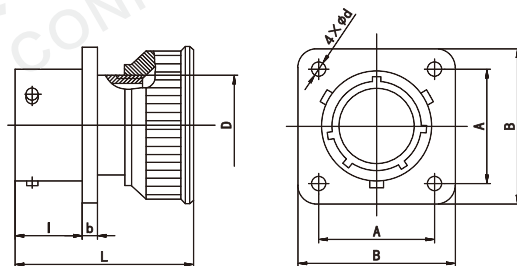
型号 Model	a	b	c	d	无标记 Normal
28/27	45	150	195		0
32/27	45	135		270	0
24/30	90	135	200		0
41/30	45	90			0
32/33	90	120			0
55/33	75	90		165	0
43/36	90	135	200	250	0
61/36	90	160	190		0
45/39	90	180	270	315	0

外形及安装尺寸 Outline dimensions

1-带筒式尾部附件的插座

1-Socket with simple tail attachment

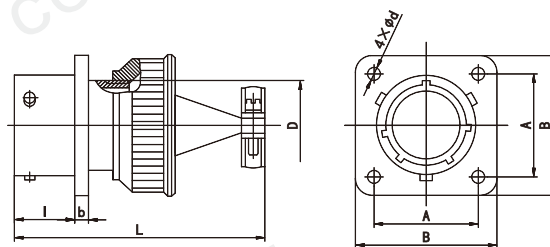
壳体号 Shell number	A	B	D	d	l	b	L
14	16.5	21.7	M14×0.5	2.2	11.3	1.4	32
18	19.5	25.9	M18×1	3.2		1.8	
22	23	29.4	M22×1				
24	25	31.4	M24×1				
27	27	33.4	M27×1				
30	31	37.8	M30×1				
33	34	41.5	M33×1			14.5	2
36	36.5	44.5	M36×1	15.3			
39	40	46.4	M39×1				



2-带直夹线式尾附的插座

2-Socket with straight clamp tail

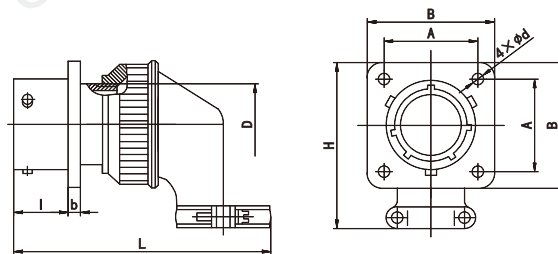
壳体号 Shell number	A	B	D	d	l	b	L
14	16.5	21.7	M14×0.5	2.2	11.3	1.4	42
18	19.5	25.9	M18×1	3.2		1.8	48
22	23	29.4	M22×1				
24	25	31.4	M24×1				
27	27	33.4	M27×1				
30	31	37.8	M30×1				
33	34	41.5	M33×1				
36	36.5	44.5	M36×1			14.5	2
39	40	46.4	M39×1	15.3			



4-带弯夹线式尾附的插座

4-Socket with bent clamp tail

壳体号 Shell number	A	B	D	d	l	b	L	H
14	16.5	21.7	M14×0.5	2.2	11.3	1.4	48	33
18	19.5	25.9	M18×1	3.2			51	36
22	23	29.4	M22×1			1.8	55	40
24	25	31.4	M24×1				57	42
27	27	33.4	M27×1				60	45
30	31	37.8	M30×1				63	49
33	34	41.5	M33×1			14.5	2	68
36	36.5	44.5	M36×1	15.3		70		55
39	40	46.4	M39×1		73	57		



ZH23系列电连接器

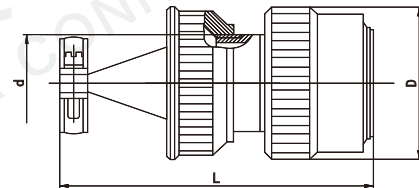
ZH23 series connectors



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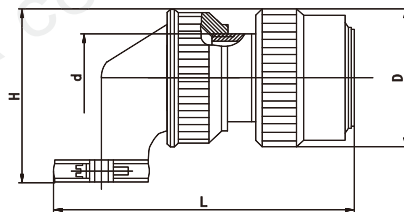
6-带直夹线式尾附的插头 6-Plug with straight clamp tail

壳体号 Shell number	D	d	L
14	22	M14 × 0.5	42
18	26	M18 × 1	
22	29.5	M22 × 1	48
24	32	M24 × 1	
27	35	M27 × 1	
30	38	M30 × 1	
33	42	M33 × 1	50
36	46	M36 × 1	
39	49	M39 × 1	



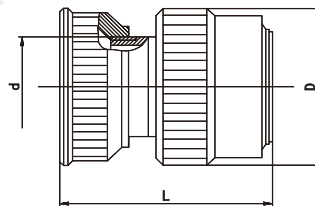
8-带弯夹线式尾附的插头 8-Plug with bent clamp tail

壳体号 Shell number	D	d	H	L
14	22	M14 × 0.5	32	48
18	26	M18 × 1	36	51
22	29.5	M22 × 1	40	55
24	32	M24 × 1	42	57
27	35	M27 × 1	45	60
30	38	M30 × 1	50	63
33	42	M33 × 1	53	68
36	46	M36 × 1	57	70
39	49	M39 × 1	60	73



11-带筒式尾附的插头 11-Plug with simple tail attachment

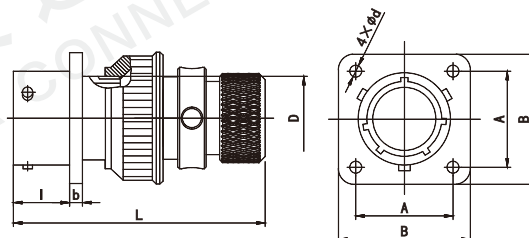
壳体号 Shell number	D	d	L
14	22	M14 × 0.5	32
18	26	M18 × 1	
22	29.5	M22 × 1	
24	32	M24 × 1	
27	35	M27 × 1	
30	38	M30 × 1	34
33	42	M33 × 1	
36	46	M36 × 1	
39	49	M39 × 1	



12-带09型热塑套管式尾附的插座

12-Socket with type 09 thermoplastic sleeve tail

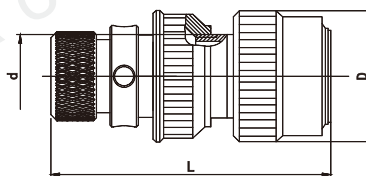
壳体号 Shell number	A	B	D	d	l	b	L
14	16.5	21.7	M14×0.5	2.2	11.3	1.4	50
18	19.5	25.9	M18×1	3.2		1.8	
22	23	29.4	M22×1				
24	25	31.4	M24×1				
27	27	33.4	M27×1				
30	31	37.8	M30×1			14.5	
33	34	41.5	M33×1	15.3			
36	36.5	44.5	M36×1				
39	40	46.4	M39×1		2	51	



13-带09型热塑套管式尾附的插头

13-Plug with type 09 thermoplastic sleeve tail

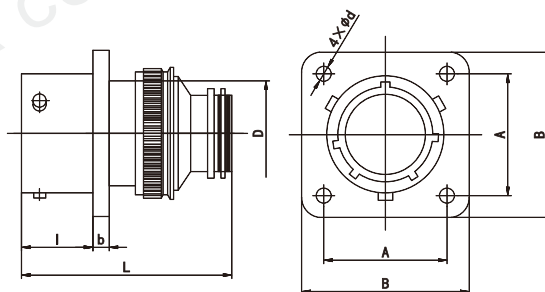
壳体号 Shell number	D	d	L
14	22	M14 × 0.5	50
18	26	M18 × 1	
22	29.5	M22 × 1	
24	32	M24 × 1	
27	35	M27 × 1	
30	38	M30 × 1	51
33	42	M33 × 1	
36	46	M36 × 1	
39	49	M39 × 1	



15-带05型屏蔽直式尾附的插座 (记忆环)

15-Socket with type 05 shielded straight tail (retention ring)

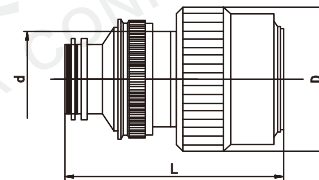
壳体号 Shell number	A	B	D	d	l	b	L
14	16.5	21.7	M14×0.5	2.2	11.3	1.4	55
18	19.5	25.9	M18×1	3.2		1.8	
22	23	29.4	M22×1				
24	25	31.4	M24×1				
27	27	33.4	M27×1				
30	31	37.8	M30×1				
33	34	41.5	M33×1			14.5	
36	36.5	44.5	M36×1			15.3	
39	40	46.4	M39×1				



16-带05型屏蔽直式尾附的插头 (记忆环)

16-Plug with type 05 shielded straight tail (retention ring)

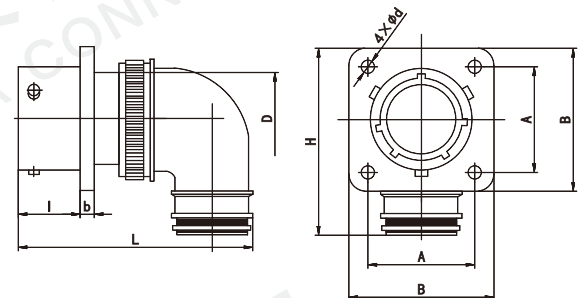
壳体号 Shell number	D	d	L
14	22	M14 × 0.5	55
18	26	M18 × 1	
22	29.5	M22 × 1	
24	32	M24 × 1	
27	35	M27 × 1	
30	38	M30 × 1	
33	42	M33 × 1	
36	46	M36 × 1	
39	49	M39 × 1	



17-带06型屏蔽弯式尾附的插座 (记忆环)

17-Socket with type 06 shielded bent tail (retention ring)

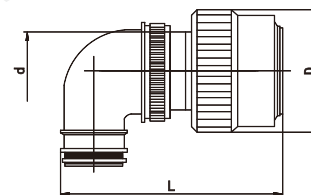
壳体号 Shell number	A	B	D	d	l	b	L	H	
14	16.5	21.7	M14 × 0.5	2.2	11.3	1.4	40	69	
18	19.5	25.9	M18 × 1	3.2		1.8			
22	23	29.4	M22 × 1						
24	25	31.4	M24 × 1						
27	27	33.4	M27 × 1						
30	31	37.8	M30 × 1			14.5			
33	34	41.5	M33 × 1						
36	36.5	44.5	M36 × 1						2
39	40	46.4	M39 × 1						



18-带06型屏蔽弯式尾附的插头 (记忆环)

18-Plug with type 06 shielded bent tail (retention ring)

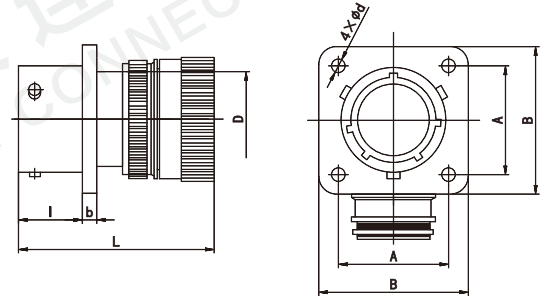
壳体号 Shell number	D	d	L
14	22	M14 × 0.5	40
18	26	M18 × 1	
22	29.5	M22 × 1	
24	32	M24 × 1	
27	35	M27 × 1	
30	38	M30 × 1	
33	42	M33 × 1	
36	46	M36 × 1	
39	49	M39 × 1	



19-带07型屏蔽筒式尾附的插座

19-Socket with type 07 shielded simple tail

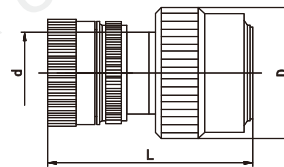
壳体号 Shell number	A	B	D	d	l	b	L
14	16.5	21.7	M14×0.5	2.2	11.3	1.4	56
18	19.5	25.9	M18×1	3.2		1.8	
22	23	29.4	M22×1				
24	25	31.4	M24×1				
27	27	33.4	M27×1				
30	31	37.8	M30×1				
33	34	41.5	M33×1			14.5	
36	36.5	44.5	M36×1			15.3	
39	40	46.4	M39×1				



20-带07型屏蔽筒式尾附的插头

20-Plug with type 07 shielded simple tail

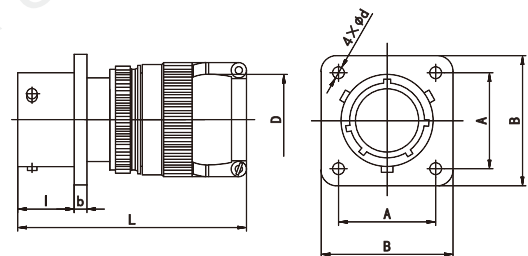
壳体号 Shell number	D	d	L
14	22	M14 × 0.5	56
18	26	M18 × 1	
22	29.5	M22 × 1	
24	32	M24 × 1	
27	35	M27 × 1	
30	38	M30 × 1	
33	42	M33 × 1	
36	46	M36 × 1	
39	49	M39 × 1	



21-带08型屏蔽直夹线尾附的插座

21-Socket with type 08 shielded straight clamp tail

壳体号 Shell number	A	B	D	d	l	b	L	
14	16.5	21.7	M14×0.5	2.2	11.3	1.4	66	
18	19.5	25.9	M18×1	3.2		1.8	70	
22	23	29.4	M22×1					
24	25	31.4	M24×1					
27	27	33.4	M27×1			72		
30	31	37.8	M30×1					
33	34	41.5	M33×1			14.5	2	78
36	36.5	44.5	M36×1			15.3		
39	40	46.4	M39×1					



ZH23系列电连接器

ZH23 series connectors

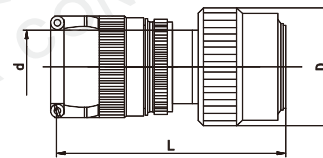


慈溪市大发精密连接器有限公司
Cixi Dafa Precise Linker Co., Ltd

22-带08型屏蔽直夹线尾附的插头

22-Plug with type 08 shielded straight clamp tail

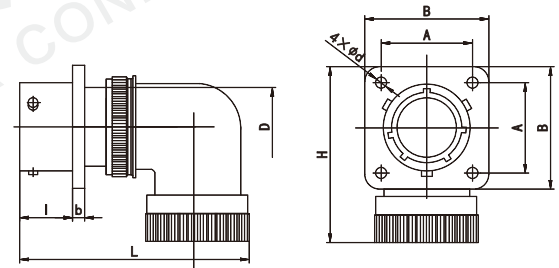
壳体号 Shell number	D	d	L
14	22	M14 × 0.5	66
18	26	M18 × 1	
22	29.5	M22 × 1	70
24	32	M24 × 1	
27	35	M27 × 1	72
30	38	M30 × 1	
33	42	M33 × 1	78
36	46	M36 × 1	
39	49	M39 × 1	



25-带10型屏蔽弯式尾附的插座

25-Socket with type 10 shielded bent tail

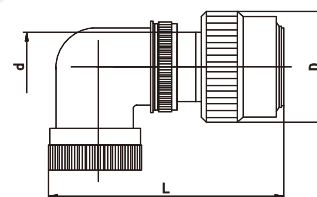
壳体号 Shell number	A	B	D	d	l	b	L	H
14	16.5	21.7	M14×0.5	2.2	11.3	1.4	66	57
18	19.5	25.9	M18×1	3.2		1.8	70	
22	23	29.4	M22×1				72	
24	25	31.4	M24×1					73
27	27	33.4	M27×1					
30	31	37.8	M30×1		14.5	2	78	
33	34	41.5	M33×1	15.3				
36	36.5	44.5	M36×1					
39	40	46.4	M39×1					



26-带10型屏蔽弯式尾附的插头

26-Plug with type 10 shielded bent tail

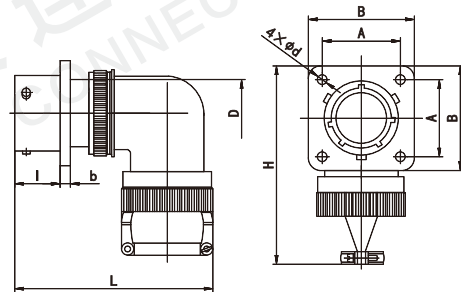
壳体号 Shell number	D	d	L
14	22	M14 × 0.5	66
18	26	M18 × 1	
22	29.5	M22 × 1	70
24	32	M24 × 1	
27	35	M27 × 1	72
30	38	M30 × 1	
33	42	M33 × 1	78
36	46	M36 × 1	
39	49	M39 × 1	



27-带11型屏蔽弯夹线尾附的插座

27-Receptacle with type 11 shielded bent clamp tail

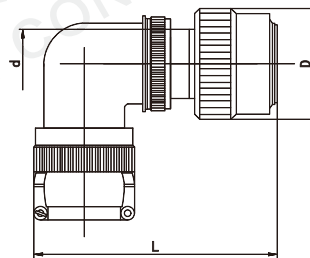
壳体号 Shell number	A	B	D	d	l	b	L	H	
14	16.5	21.7	M14×0.5	2.2	11.3	1.4	66	57	
18	19.5	25.9	M18×1	3.2					
22	23	29.4	M22×1			1.8	72	87	
24	25	31.4	M24×1						
27	27	33.4	M27×1						
30	31	37.8	M30×1						
33	34	41.5	M33×1						14.5
36	36.5	44.5	M36×1			15.3			
39	40	46.4	M39×1						



28-带11型屏蔽弯夹线尾附的插头

28-Plug with type 11 shielded bent clamp tail

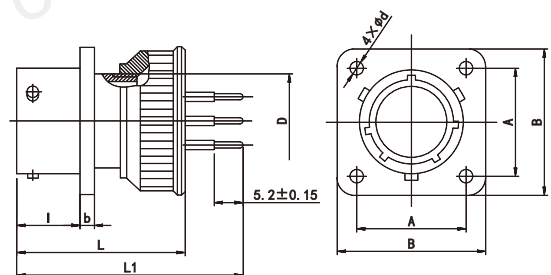
壳体号 Shell number	D	d	L
14	22	M14 × 0.5	66
18	26	M18 × 1	
22	29.5	M22 × 1	72
24	32	M24 × 1	
27	35	M27 × 1	
30	38	M30 × 1	
33	42	M33 × 1	78
36	46	M36 × 1	
39	49	M39 × 1	



1-BM/PM 印制板型插座

1-BM/PM PC board mounting receptacle

壳体号 Shell number	A	B	D	d	l	b	L	H
14	16.5	21.7	M14×0.5	2.2	11.3	1.4	32	41
18	19.5	25.9	M18×1	3.2		1.8		
22	23	29.4	M22×1					
24	25	31.4	M24×1					
27	27	33.4	M27×1					
30	31	37.8	M30×1		14.5	2	33	42
33	34	41.5	M33×1					
36	36.5	44.5	M36×1					
39	40	46.4	M39×1	15.3				



OHS系列圆形电连接器

OHS circular electrical connectors



慈溪市大发精密连接器有限公司
Cixi Dafa Precise Linker Co., Ltd

OHS系列圆形电连接器, 其连接方式采用卡口连接, 接触件端接形式为焊接, 产品具有快速连接和分离, 体积小, 密度高, 耐环境好、可靠性高等特点。插座不带尾附, 插头可带直式塑料尾附。适用于直流、交流的电路中。

OHS circular electrical connectors. Adapter a bayonet connection. The contacts are designed for soldering. Offer quick connection and disconnection. They feature compact size, high density, environmental resistance, and high reliability. The sockets come without a tail. The plugs can have a straight plastic tail. Suitable for both DC and AC circuits.



技术性能

- 环境温度: $-60^{\circ}\text{C}\sim 125^{\circ}\text{C}$
- 接触电阻: $\leq 5\text{m}\Omega$
- 绝缘电阻: $\geq 1000\text{M}\Omega$ (正常条件下)
- 振动: $1\sim 5000\text{Hz}$ 20g
- 冲击: 一次1000g, 多次100g
- 接触件直径: $\varnothing 1.0\text{mm}$
- 工作电压: 250V
- 机械寿命: 250次
- 工作时间: 5000h

Technical characteristics

- Ambient temperature: $-60^{\circ}\text{C}\sim 125^{\circ}\text{C}$
- Contact resistance: $\leq 5\text{m}\Omega$
- Insulation resistance: $\geq 1000\text{M}\Omega$ (Under normal conditions)
- Vibration: $1\sim 5000\text{Hz}$ 20g
- Shock: 1000g(once), 100g(multiple times)
- Contact diameter: $\varnothing 1.0\text{mm}$
- Working current: 250V
- Mechanical life: 250 times
- working hours: 5000h

壳体号 Shell No.	接触件数量 No. of contacts	单接触件工作电流 (A) Single contact working current (A)	电流总和 (A) Total current (A)
10	4	3.7	15
12	7	3.1	22
14	10	3.0	30
18	19	2.1	40
22	32	1.8	60
27	50	1.5	75

命名

	OHS	-B	C	-1-	10	/14-	P	12-	1	-B
主称代号										
连接方式										
B-卡口										
C-超小型										
插针插孔表面处理										
1-镀银										
2-镀金										
芯数										
4,7,10,19,32,50										
壳体号										
10,12,14,18,22,27										
连接器类型										
P-插头(装孔)										
B-插座(装针)										
尾部附件类型										
12-尾部螺纹(可自主选择尾附)										
1-不带尾附										
2-带非屏蔽直式尾附										
变键位:										
1,2,3										
全天候										

How to order

	OHS	-B	C	-1-	10	/14-	P	12-	1	-B
Main reference code										
Connection method										
B-Bayonet										
C-Subminiature										
Surface treatment of pins and sockets										
1-Silver plated										
2-Gold plated										
NO. of contacts										
4,7,10,19,32,50										
Shell No.:										
10, 12, 14, 18, 22, 27										
Connector type										
P- Female cable plug										
B-Male panel receptacle										
Tail attachment type										
12-Tail Thread (tail attachment can be chosen independently)										
1-Without tail										
2-With unshielded straight tail										
Variable key positions										
1, 2, 3										
All-climate										



型谱图：孔组排列（从插孔方向看） Pins layout (view from socket the mating side)

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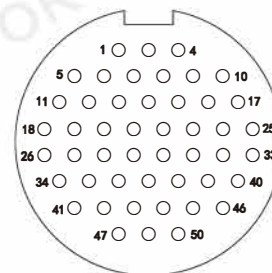
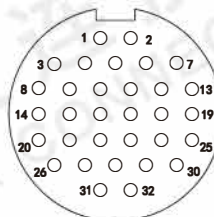
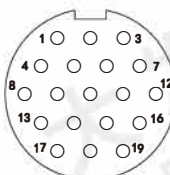
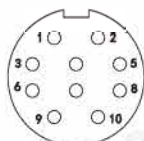
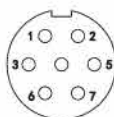
7/12

10/14

19/18

32/22

50/27

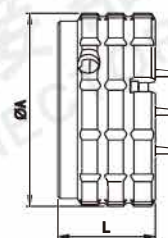


外形及安装尺寸 Outline dimensions

插头不带尾附

Cable plug without tail

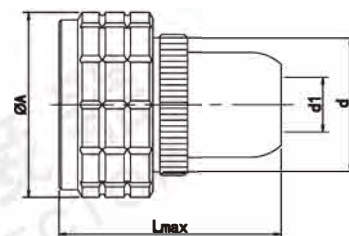
壳体号 Shell number	A	L
10	20	13.5
12	21	13.5
14	24	13.5
18	27	13.5
22	31	13.5
27	36	13.5



插头带尾附

Cable plug with tail

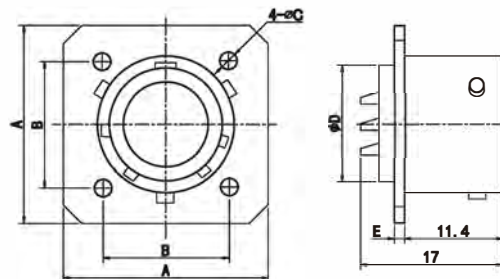
壳体号 Shell number	尺寸 Dimensions (mm)			
	A	d	d1	L
10	20	M10×0.75	4.5	30
12	21	M12×0.75	6	31
14	24	M14×0.75	7	32
18	27	M18×0.75	9.2	33
22	31	M22×0.75	11	34
27	36	M27×0.75	13	36



插座

Receptacle

壳体号 Shell number	尺寸 Dimensions (mm)				
	A	B	C	D	E
10	20	11.8	2.2	10	1.4
12	21	13.2	2.2	12	1.4
14	24	15	2.2	14	1.4
18	27	18	2.2	18	1.4
22	31	21.5	2.7	22	1.8
27	36	26	3.2	27	2



2PM系列连接器

2PM series connectors



慈溪市大发精密连接器有限公司
Cixi Dafa Precise Linker Co., Ltd

2PM系列是根据俄标生产的连接器，其广泛用于军用设备之间的电连接和信号传输，其独有的外形及结构设计能弥补很多其他类似连接器在用途上的缺陷，例如外壳穿线孔及尾部螺丝的独特设计，使起运用当中便利科学，内部绝缘体及插针插孔的结构设计也增强了其独有的稳定性及可靠性，此系列连接器同时也具有一定的防水性能，可以防止室外雨淋等现象，其特殊的结构和使用性能已经赢得了市场的普遍认可。

The 2PM series connectors are made according to Russian standard, widely used for electrical connections and signal transmission between military equipment. Their unique shape and structural design. They compensate for many similar connectors' deficiencies in application. For instance, the unique design of the shell threading hole and tail screw. It makes their application convenient and scientific. The design of the internal insulator and pin holes. It also enhances their unique stability and reliability. This series also has certain waterproof capabilities. They can prevent phenomena like outdoor rain. Their special structure and performance have gained widespread recognition in the market.



技术性能

- 环境温度：-60℃~+150℃，-60℃~+200℃(密封)
- 振动加速度：10~5000Hz 50g
- 冲击加速度：一次500g，多次100g
- 工作电压：≤560V
- 绝缘电阻：≥1000MΩ(正常)，≥20MΩ(湿热)
- 机械寿命：插拔500次
- 使用期：3年

Technical characteristics

- Ambient temperature: -60℃~+150℃，-60℃~+200℃ (sealed)
- Vibration acceleration: 10~5000Hz 50g
- Shock acceleration: once at 500g, multiple times at 100g
- Working voltage: ≤560V
- Insulation resistance: ≥1000MΩ (normal), ≥20MΩ (damp heat)
- Mechanical life: 500 mating cycles
- Duration of guaranty: 3 years

接触件直径 Contact diameter	Ø1	1.5	Ø2	Ø3
工作电流 Working current	5A	10A	20A	40A
接触电阻 Contact resistance	≤5mΩ	≤2.5mΩ	≤1.6mΩ	≤0.8mΩ

命名

	2PM	14	K	4	Q	A	1
系列							
壳体号							
	14,18,22,24,27,30,33,36,39,42,45						
K: 插孔							
J: 插针							
芯数							
	见绝缘体孔位排列图						
Q: 直头							
W: 弯头							
Z: 插座							
A: 屏蔽							
B: 非屏蔽							
W: 不配尾附							
1: 镀金							
2: 镀银							

How to order

	2PM	14	K	4	Q	A	1
Series							
Shell No.							
	14,18,22,24,27,30,33,36,39,42,45						
K: female							
J: male							
No. of contacts							
	See pins layout diagram						
Q: Straight cable plug							
W: angle cable plug							
Z: Socket							
A: Shielded tail							
B: Unshielded tail							
W: without tail							
1: Gold plated							
2: Silver plated							



型谱图：孔组排列（从插孔方向看） Pins layout (view from socket the mating side)

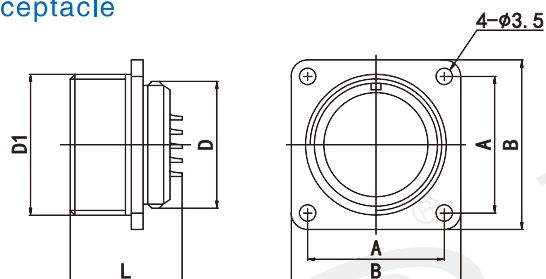
壳体号 Shell number	组合代码 Combination code		
	4		
14			
	4-Ø1		
	4	7	
18			
	4-Ø1.5	7-Ø1	
	4	10	
22			
	2-Ø2 2-Ø3	10-Ø1	
	10	19	
24			
	10-Ø1.5	19-Ø1	
	7	19	24
27			
	7-Ø1.5	19-Ø1.5	24-Ø1
	24	24	32
30			
	4-Ø1.5 2-Ø2 2-Ø3	24-Ø1.5	32-Ø1

壳体号 Shell number	组合代码 Combination code	
	7	32
33		
	7-Ø3	32-Ø1.5
	20	
36		
	2-Ø3 18-Ø1.5	
	45	
39		
	40-Ø1 5-Ø1.5	
	45	50
42		
	45-Ø1.5	43-Ø1 7-Ø1.5
	50	
45		
	35-Ø1.5 15-Ø2	

接触件直径 Contact diameter Ø1 Ø1.5 Ø2 Ø3

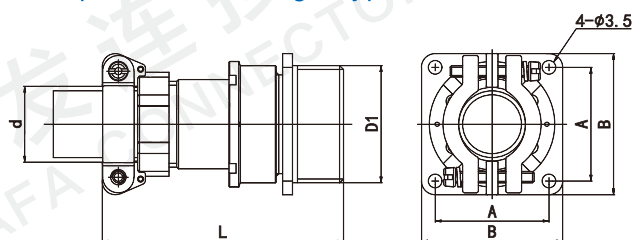
外形及安装尺寸 Outline dimensions

插座
Receptacle



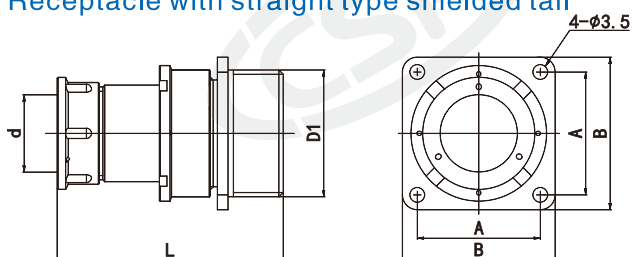
壳体号 Shell number	D (左) D (left)	D1	A	B	L
14	M14x1	M16x1	17	24	25
18	M18x1	M20x1	20	27	25
22	M22x1	M24x1	23	30	27
24	M24x1	M27x1.5	26	33	25
27	M27x1	M30x1.5	29	36	25
30	M30x1	M33x1.5	31	38	27
33	M33x1	M36x1.5	32	40	27
36	M36x1	M39x1.5	35	43	27
39	M39x1	M42x1.5	37	46	25
42	M42x1	M45x1.5	40	49	25
45	M45x1	M48x1.5	43	52	27

带直式非屏蔽尾附的插座
Receptacle with straight type non-shielded tail



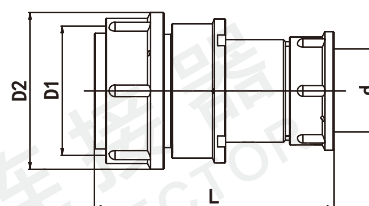
壳体号 Shell number	D1	Ød	A	B	L
14	M16x1	6.5	17	24	54
18	M20x1	10.5	20	27	54
22	M24x1	14.5	23	30	57
24	M27x1.5	16.5	26	33	62.5
27	M30x1.5	18.5	29	36	62.5
30	M33x1.5	20.5	31	38	62.5
33	M36x1.5	22.5	32	40	67.5
36	M39x1.5	22.5	35	43	67.5
39	M42x1.5	24.5	37	46	67.5
42	M45x1.5	30.5	40	49	67.5
45	M48x1.5	30.5	43	52	67.5

带直式屏蔽尾附的插座
Receptacle with straight type shielded tail



壳体号 Shell number	D1	Ød	A	B	L
14	M16x1	6.5	17	24	48
18	M20x1	10.5	20	27	48
22	M24x1	14	23	30	48
24	M27x1.5	16.5	26	33	54
27	M30x1.5	18	29	36	54
30	M33x1.5	20.5	31	38	54
33	M36x1.5	23.7	32	40	59
36	M39x1.5	22.5	35	43	59
39	M42x1.5	25	37	46	59
42	M45x1.5	29.5	40	49	59
45	M48x1.5	29.5	43	52	59

带直式屏蔽尾附的插头
Cable plug with straight type shielded tail

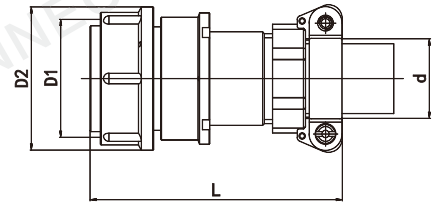


壳体号 Shell number	D1	D2	Ød	L
14	M16x1	22	6.5	48
18	M20x1	25	10.5	48
22	M24x1	29	14	48
24	M27x1.5	32	16.5	54
27	M30x1.5	35	18	54
30	M33x1.5	39	20.5	54
33	M36x1.5	42	23.7	59
36	M39x1.5	45	22.5	59
39	M42x1.5	48	25	59
42	M45x1.5	51	29.5	59
45	M48x1.5	54	29.5	59

带直式非屏蔽尾附的插头

Cable plug with straight type non-shielded tail

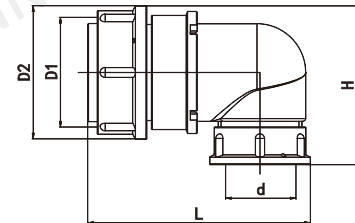
壳体号 Shell number	D1	D2	Ød	L
14	M16x1	22	6.5	54
18	M20x1	25	10.5	54
22	M24x1	29	14.5	57
24	M27x1.5	32	16.5	62.5
27	M30x1.5	35	18.5	65.5
30	M33x1.5	39	20.5	62.5
33	M36x1.5	42	22.5	67.5
36	M39x1.5	45	22.5	67.5
39	M42x1.5	48	25	67.5
42	M45x1.5	51	30.5	67.5
45	M48x1.5	54	30.5	67.5



带弯式屏蔽尾附的插头

Cable plug with angle type shielded tail

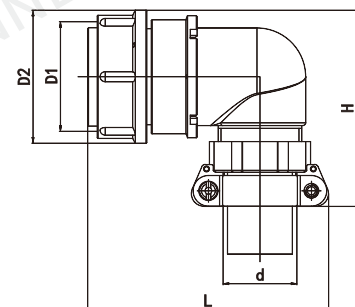
壳体号 Shell number	D1	D2	Ød	H	L
14	M16x1	22	6.5	30.8	48
18	M20x1	25	10.5	35	51
22	M24x1	29	14	38	54
24	M27x1.5	32	16.5	41	57
27	M30x1.5	35	18	44	59
30	M33x1.5	39	20.5	47.8	62
33	M36x1.5	42	23.7	50.8	65
36	M39x1.5	45	22.5	53.8	72
39	M42x1.5	48	25	56	72
42	M45x1.5	51	29.5	60	72



带弯式非屏蔽尾附的插头

Cable plug with angle type non-shielded tail

壳体号 Shell number	D1	D2	Ød	H	L
14	M16x1	22	6.5	40	51
18	M20x1	25	10.5	41	54
22	M24x1	29	14.5	47	59
24	M27x1.5	32	16.5	50	60
27	M30x1.5	35	18.5	53	64
30	M33x1.5	39	20.5	57	65
33	M36x1.5	42	22.5	60	69
36	M39x1.5	45	22.5	63	74
39	M42x1.5	48	25	66	73
42	M45x1.5	51	30.5	69	76



CH127系列连接器

CH127 series connectors



慈溪市大发精密连接器有限公司
Cixi Dafa Precise Linker Co., Ltd

CH127系列连接器设计有密封的仪表插座、非密封的电缆插头、印制板安装插座，五键位防止未经授权的接头插错。仪表插座不带尾附，电缆插头带尾附或者带尾附等多种形式的屏蔽功能，接头的连接方式为卡口式。接触镀金或镀银。连接器可用于室内安装。

CH127 series connectors consist of a sealed instrument receptacle, And non-sealed cable plug, printed installation, connectors have multi-key ,Housing polarization and multi-position installation Isolators, protecting against unauthorized Joints. Instrument plugs are manufactured without a casing, Cable sockets with straight or angled housing. Have standardized shielding efficiency. The connection of the connectors is bayonet. Contact plating-silver or gold. Connectors are intended for indoor installation. All-climatic execution.



主要特征

- 五个定位键定位，防插错；
- 触点不可拆卸；
- 焊线式和插板式可选；
- 直流、交变（最大3MHz）和脉冲电流，最大电压高达250V；
- 插座是密封和屏蔽的。

Features

- 5 key positions for avoid mis-mating.
- The contacts are non removable
- Contacts for wiring or pc mounting
- Alternating (3MHz max) and pulse currents at voltages up to 250V max.
- The receptacles are sealed and shielded.

技术性能

- 绝缘电阻： $\geq 1000M\Omega$
- 屏蔽效率：100 MHz时最小33db 22MHz时最小100db
- 密封：104KPa
- 触点：镀金/镀银
- 工作寿命：250次
- 储存期限：4年

Technical characteristics

- Insulation resistance： $\geq 1000M\Omega$
- Shielding efficiency:33db min at 100 MHz 22db min at 100 MHz
- Sealing:104KPa
- Contact plating:gold/silver
- Mechanical life:250 times
- Storage life:4years

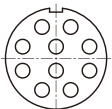
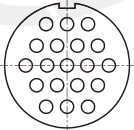
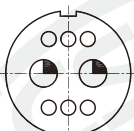
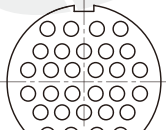
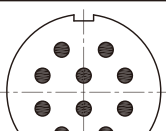
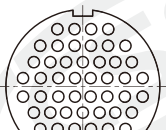
命名

	CH127	-4	/10	-B-	H1	1-	7-	1-	B
系列									
芯数									
	4, 7, 10, 19, 32, 50								
壳体号:									
	10, 12, 14, 18, 22, 17								
连接器类型									
	B-插针								
	P-插孔								
端接方式									
	H1-焊接								
	H2-插板式								
接触件镀层方式									
	1-镀金								
	2-镀银								
连接器类型									
	5-插头带弯式尾附								
	6-插头带尾附								
	7-面板插座								
	8-电缆插头带热缩式尾附								
	9-螺母插座								
变键位									
	1.2.3								
B: 全天候									

How to order

	CH127	-4	/10	-B-	H1	1-	7-	1-	B
Contacts type									
Number of contacts									
	4, 7, 10, 19, 32, 50								
Shell size									
	10, 12, 14, 18, 22, 17								
Contact type									
	B-Male pin								
	P-Female socket								
Termination									
	H1-Soldering cup								
	H2-Pc board mounting								
Contacts plating									
	1-Gold plating								
	2-Silver plating								
Connector type									
	5-Cable plug with angle tail								
	6-Cable plug with straight tail								
	7-instrument receptacle								
	8-Cable plug with shrinkable tail								
	9-Jam nut receptacle								
Polarization key									
	1.2.3								
B: All climatic									

型谱图：孔位排列（从插孔方向看） Pins layout (view from socket the mating side)

壳体号 Shell No.	型谱图 Pin arrangement	接触件数目 No. of contacts	接触件规格 Contacts size	工作电流 Working current (A)	额定电流 Rated current (A)	最大工作电压 Working voltage lax (V)
10		10	Ø0.6	1.8	3.0	150
		4	Ø1.0	3.7	7.0	250
12		19	Ø0.6	1.7	3.0	150
		7	Ø1.0	3.1	7.0	250
		6	Ø0.6	0.5	3.0	150
		2	Ø2.0	10	15	
14		30	Ø0.6	1.4	3.0	250
		10	Ø1.0	3.0	7.0	250
18		50	Ø0.6	1.0	3.0	150

○ Ø0.6接触件 ● Ø1.0接触件 ◐ Ø1.5接触件 ◑ Ø2.0接触件 ◒ Ø3.5接触件 ◓ Ø5.5接触件
 ○ Ø0.6Contacts ● Ø1.0Contacts ◐ Ø1.5Contacts ◑ Ø2.0Contacts ◒ Ø3.5Contacts ◓ Ø5.5Contacts

CH127系列连接器

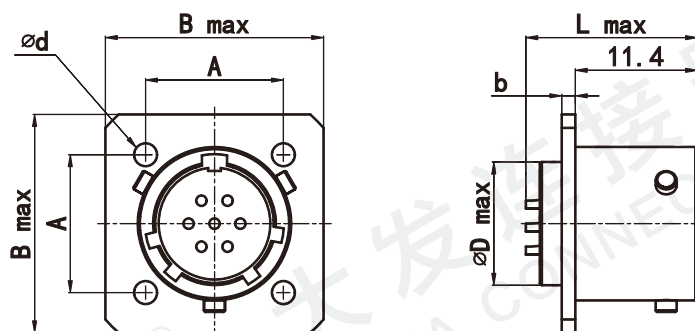
CH127 series connectors



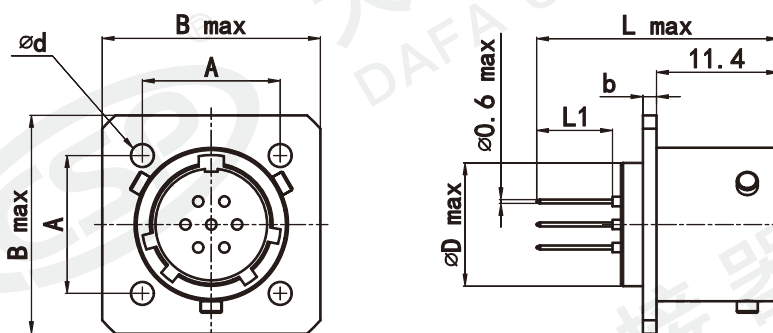
慈溪市大发精密连接器有限公司
Cixi Dafa Precise Linker Co.,Ltd

壳体号 Shell No.	型谱图 Pin arrangement	接触件数目 No. of contacts	接触件规格 Contacts size	工作电流 Working current (A)	额定电流 Rated current (A)	最大工作电压 Working voltage lax (V)
18		19	Ø1.0	2.1	7.0	250
		1	Ø5.5	65	65	700
22		76	Ø0.6	0.8	3.0	150
		32	Ø1.0	1.8	7.0	250
		14	Ø1.0	2.1	3.0	250
		2	Ø3.5	18	35	
27		102	Ø0.6	0.7	3.0	150
		50	Ø1.0	1.5	7.0	250
		4	Ø1.5	4.0	8.0	400
		4	Ø3.5	25	35	

○ Ø0.6接触件 ● Ø1.0接触件 ◐ Ø1.5接触件 ◑ Ø2.0接触件 ◒ Ø3.5接触件 ◓ Ø5.5接触件
 ○ Ø0.6Contacts ● Ø1.0Contacts ◐ Ø1.5Contacts ◑ Ø2.0Contacts ◒ Ø3.5Contacts ◓ Ø5.5Contacts



壳体号 Shell No.	A	B	Ød	ØD	b	L1	L
10	11.8	20	2.2	10	1.4	11.4	26
12	13.2	21	2.2	12	1.4	11.4	26
14	15.0	24	2.2	14	1.4	11.7	26
18	18.0	27	2.2	18	1.4	11.4	26
22	21.5	31	2.7	22	1.8	11.4	26
27	26.0	36	3.2	27	2.0	11.4	26



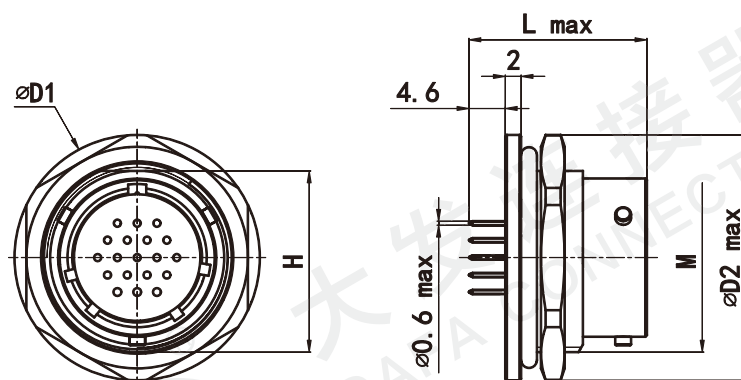
壳体号 Shell No.	A	B	Ød	ØD	b	L(Ø0.6接触件) (Ø0.6 Contacts)	L(Ø1.0接触件) (Ø1.0 Contacts)	L1(Ø0.6接触件) (Ø0.6 Contacts)	L1(Ø1.0接触件) (Ø1.0 Contacts)	L2
10	11.8	20	2.2	10	1.4	23.9	23.4	7.5	3.5	11.4
12	13.2	21	2.2	12	1.4	23.9	23.4	7.5	3.5	11.4
14	15.0	24	2.2	14	1.4	23.9	23.4	7.5	3.5	11.7
18	18.0	27	2.2	18	1.4	23.9	23.4	7.5	3.5	11.4
22	21.5	31	2.7	22	1.8	23.9	23.4	7.5	3.5	11.4
27	26.0	36	3.2	27	2.0	23.9	23.4	7.5	3.5	11.4

CH127系列连接器

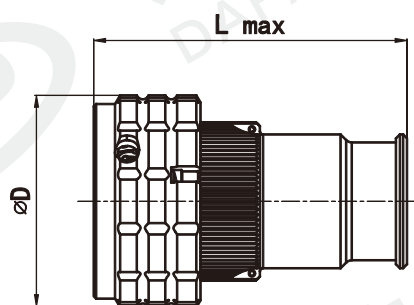
CH127 series connectors



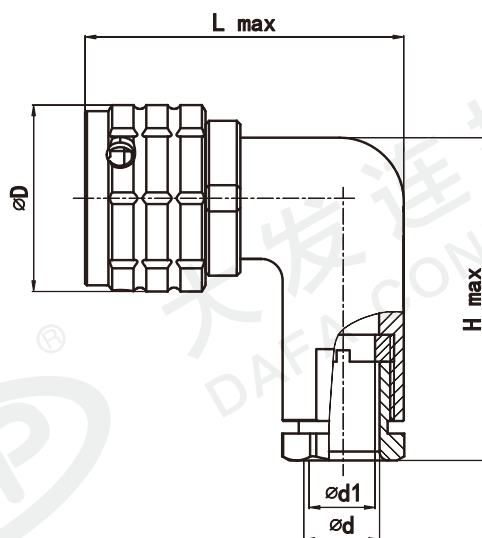
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Cixi Dafa Precise Linker Co.,Ltd



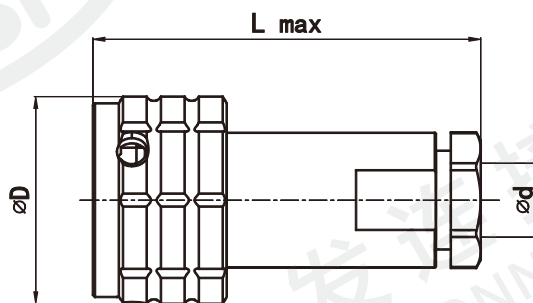
壳体号 Shell No.	ØD1	ØD2	M	H	L(Ø0.6接触件) (Ø0.6Contacts)	L(Ø1.0接触件) (Ø1.0Contacts)
10	24	25.4	M18X0.75	17	23.9	23.4
12	25	27.8	M20X0.75	19	23.9	23.4
14	28	31.2	M22X0.75	21	23.9	23.4
18	31	31.2	M24X0.75	23	23.9	23.4
22	35	37.0	M30X0.75	29	23.9	23.4
27	40	41.6	M33X0.75	32	23.9	23.4



壳体号 Shell No.	ØD	L
10	20	33
12	21	33
14	24	33
18	27	41
22	31	42
27	36	45

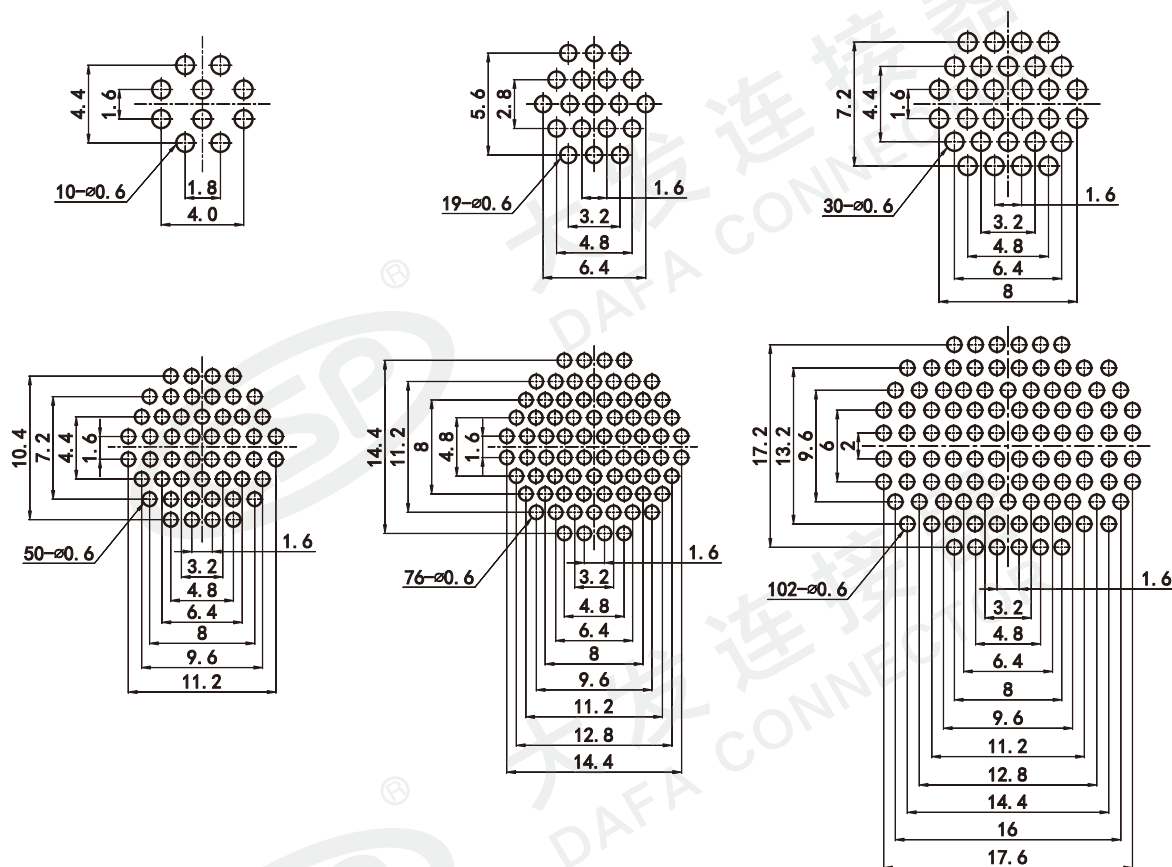


壳体号 Shell No.	ØD	Ød	d1	H	L
10	20	6	5.5	32	23
12	21	8	7.5	34	25
14	24	9	8.5	36	27
18	27	11	10.0	40	30
22	31	13	12.0	44	33
27	36	16	15.0	50	36

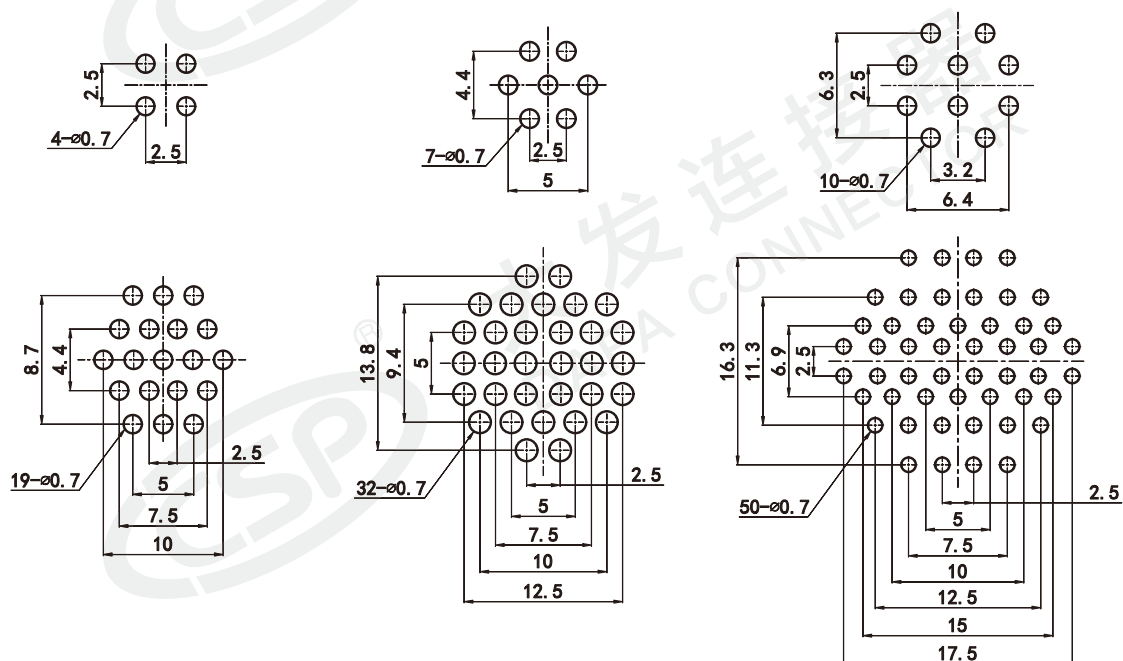


壳体号 Shell No.	ØD	Ød	L
10	20	6	26.5
12	21	8	28.5
14	24	9	31.5
18	27	11	34.5
22	31	13	35.5
27	36	16	39.5

印制板开孔尺寸 (Ø0.6接触件) Hole patterns on printed circuit boards for mounting. (Ø0.6Contacts)



印制板开孔尺寸 (Ø1.0接触件) Hole patterns on printed circuit boards for mounting. (Ø1.0Contacts)





PC系列超小型圆形电连接器用于无线电和电器设备上的电路连接。通过带有螺纹的连接螺母将电缆插头与固定在装置上的插座相连。两装置间也可通过装在各装置上的插头插座直接实现连接（对接）。超小型圆形电连接器有密封、非密封之分，插头和插座可分别带有尾部附件。插座装针，插头装孔。

The PC ultra-miniature circular electrical connectors are used for circuit connections in radio and electrical equipment. The cable plug is connected to the socket fixed on the device through a threaded connecting. Devices can also be directly plug-in through sockets mounted on each device.

Ultra-miniature circular electrical connectors come in sealed and unsealed versions, with plugs and sockets that can have tail attachments. Receptacle contain pins, while plugs contain holes.



技术性能

- 环境温度：-60℃~+85℃
- 振动加速度：5-2500Hz, 15g
- 冲击加速度：多次50g
- 工作电压：200V
- 接触电阻： $\leq 5m\Omega$
- 绝缘电阻： $\geq 1000M\Omega$
- 绝缘电压强度：1000V
- 机械寿命：250次
- 接触件直径： $\varnothing 1.0mm$

Technical characteristics

- Environment temperature: -60℃ ~ +85℃
- Vibration acceleration: 5-2500Hz, 15g
- Shock acceleration: multiple times at 50g
- Working voltage: 200V
- Contact resistance: $\leq 5m\Omega$
- Insulation resistance: $\geq 1000M\Omega$
- Insulation strength: 1000V
- Mechanical life: 250 cycles
- Contact diameter: $\varnothing 1.0mm$

接触件数 Number of contacts	4	7	10	19	32	50
总体电流负载(A) Total current load (A)	15	22	30	40	62	75

命名

PC -4 Z P

主称代号
PC: 螺纹式
PCA: 直插式

绝缘体孔位排列
4, 7, 10, 19, 32, 50

插头插座类型:
T: 插头
Z: 插座
P: 带尾附

How to order

PC -4 Z P

Series
PC: Threading coupling
PCA: Plug-in

No. of contacts
4, 7, 10, 19, 32, 50

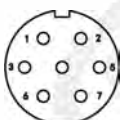
Plug and socket type
T: Cable plug
Z: Receptacle
P: with tail

型谱图：孔组排列（从插孔方向看） Pins layout (view from socket the mating side)

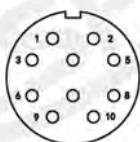
PC-4



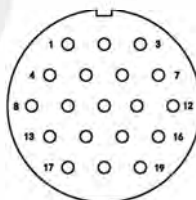
PC-7



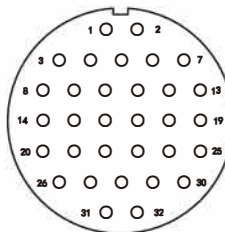
PC-10



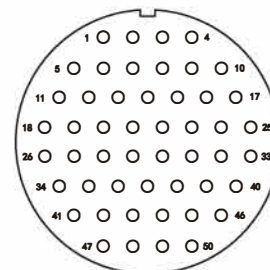
PC-19



PC-32



PC-50



PC系列超小型圆形电连接器

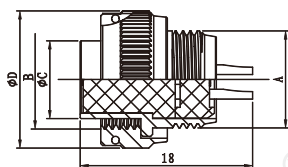
PC ultra-miniature circular electrical connectors



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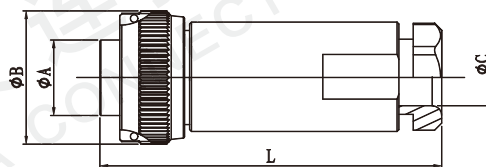
外形及安装尺寸 Outline dimensions

不带尾附电缆插头
Cable plug without tail



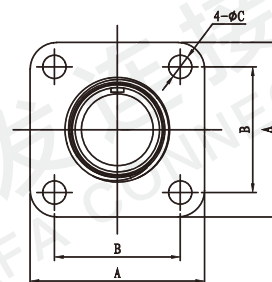
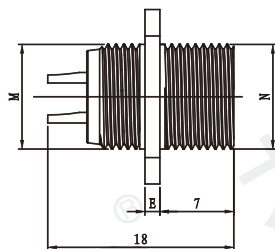
型号Model	A	B	C	D max
PC-4	M10 × 0.75	M10 × 0.75	8	14.5
PC-7	M12 × 0.75	M12 × 0.75	10	16.5
PC-10	M14 × 0.75	M14 × 0.75	12	18.5
PC-19	M18 × 0.75	M18 × 1	15.5	23
PC-32	M22 × 0.75	M22 × 1	19.5	27
PC-50	M27 × 0.75	M27 × 1	24	32

带尾附电缆插头
Cable plug with tail



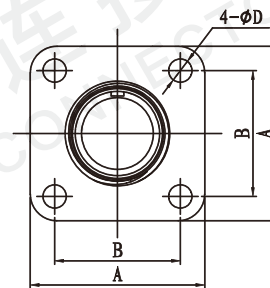
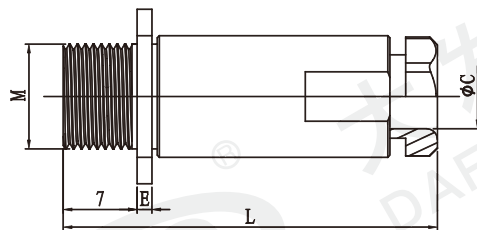
型号Model	A	B max	C	L max
PC-4	8	14.5	6	37
PC-7	10	16.5	8	40
PC-10	12	18.5	9	42
PC-19	15.5	23	11	45
PC-32	19.5	27	13	43
PC-50	24	32	16	51

不带尾附插座
Socket without tail



型号Model	A	B	C	E	M	N
PC-4	16.5	11.9	2.2	1.4	M10 × 0.75	M10 × 0.75
PC-7	18	13.2	2.2	1.4	M12 × 0.75	M12 × 0.75
PC-10	20	15	2.5	1.4	M14 × 0.75	M14 × 0.75
PC-19	24	18	2.2	1.4	M18 × 0.75	M18 × 1
PC-32	28	21.5	2.7	1.8	M22 × 0.75	M22 × 1
PC-50	33	26	3.2	2	M27 × 0.75	M27 × 1

带尾附插座
Socket with tail

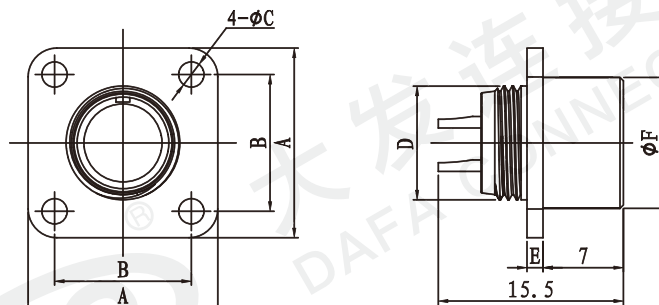


型号Model	A	B	C	D	M	E	L max
PC-4	16.5	11.9	6	2.2	M10 × 0.75	1.4	37
PC-7	18	13.2	8	2.2	M12 × 0.75	1.4	40
PC-10	20	15	9	2.5	M14 × 0.75	1.4	42
PC-19	24	18	11	2.2	M18 × 1	1.4	45
PC-32	28	21.5	13	2.7	M22 × 1	1.8	43
PC-50	33	26	16	3.2	M27 × 1	2	51



不带尾附直插式插座

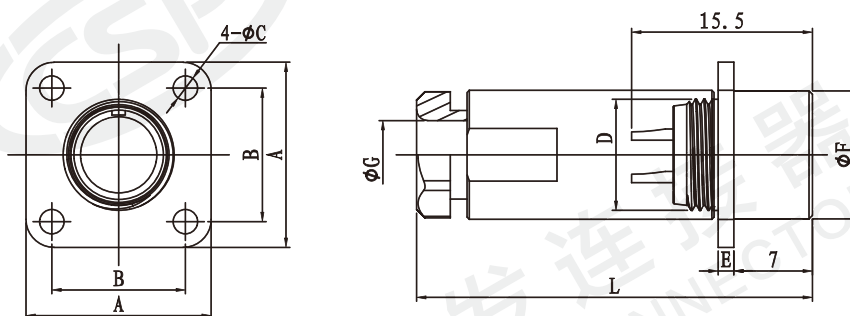
Straight plug-in receptacle without tail



型号Model	A	B	C	D	E	F
PC-4	16.5	11.8	2.2	M10 × 0.75	1.4	11.5
PC-7	18	13.2	2.2	M12 × 0.75	1.4	14
PC-10	20	15	2.2	M14 × 0.75	1.4	16
PC-19	24	18	2.2	M18 × 0.75	1.4	20.5
PC-32	28	21.5	2.7	M22 × 0.75	1.8	24.5
PC-50	33	26	3.2	M27 × 0.75	2	30

带尾附直插式插座

Straight plug-in receptacle with tail



型号Model	A	B	C	D	E	F	G	L max
PC-4	16.5	11.8	2.2	M10 × 0.75	1.4	11.5	6	36
PC-7	18	13.2	2.2	M12 × 0.75	1.4	14	8	38
PC-10	20	15	2.2	M14 × 0.75	1.4	16	9	41
PC-19	24	18	2.2	M18 × 0.75	1.4	20.5	11	43
PC-32	28	21.5	2.7	M22 × 0.75	1.8	24.5	13	45
PC-50	33	26	3.2	M27 × 0.75	2	30	16	50

PC系列超小型圆形电连接器

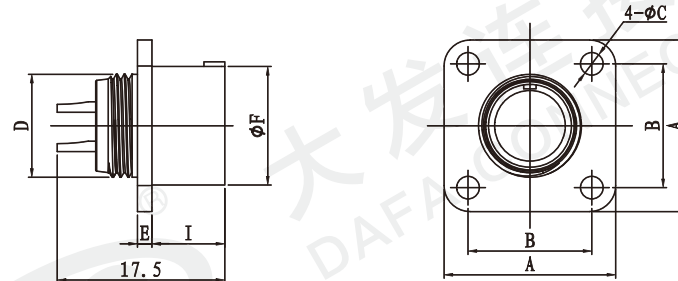
PC ultra-miniature circular electrical connectors



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Cixi Dafa Precise Linker Co.,Ltd

不带尾附直插式插头

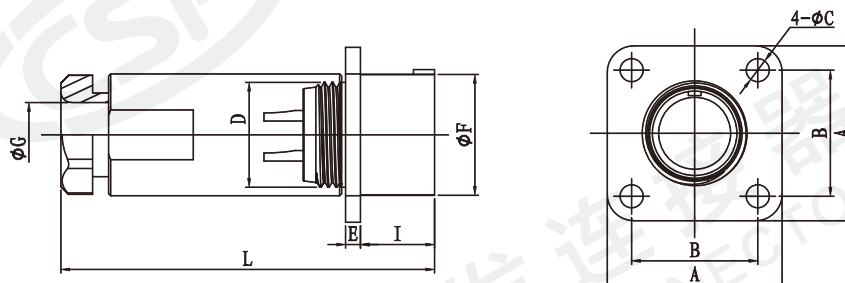
Straight plug-in plug without tail



型号Model	A	B	C	D	E	F	I
PC-4	16.5	11.8	2.2	M10 × 0.75	1.4	8.8	5.6
PC-7	18	13.2	2.2	M12 × 0.75	1.4	10.7	5.6
PC-10	20	15	2.2	M14 × 0.75	1.4	12.6	5.6
PC-19	24	18	2.2	M18 × 0.75	1.4	16.2	5.6
PC-32	28	21.5	2.7	M22 × 0.75	1.8	20.3	5.2
PC-50	33	26	3.2	M27 × 0.75	2	24.8	5.7

带尾附直插式插头

Straight plug-in plug with tail



型号Model	A	B	C	D	E	F	G	I	L max
PC-4	16.5	11.8	2.2	M10 × 0.75	1.4	8.8	6	5.6	36
PC-7	18	13.2	2.2	M12 × 0.75	1.4	10.7	8	5.6	38
PC-10	20	15	2.2	M14 × 0.75	1.4	12.6	9	5.6	40
PC-19	24	18	2.2	M18 × 0.75	1.4	16.2	11	5.6	42
PC-32	28	21.5	2.7	M22 × 0.75	1.8	20.3	13	5.2	44
PC-50	33	26	3.2	M27 × 0.75	2	24.8	16	5.7	48



PR系列是根据俄标生产的连接器，有密封、非密封类型。连接器一般由固定在仪器上的部分（插座）和固定在电缆上的部分（插头）组成，也符合国内的SJ/T10496-94标准。

PR series connectors are made according to Russian standard, available in sealed and unsealed types. Connectors generally consist of a part fixed to the instrument (socket) and a part fixed to the cable (plug), thread coupling, also meet SJ/T10496-94 standard.



技术性能

- 环境温度：-60℃~+150℃
- 振动加速度：10g (10~1000Hz)
- 冲击加速度：一次500g，多次35g
- 工作电压：≤700V
- 使用期：3年
- 机械寿命：500次

额定电流及接触电阻

Rated current and contact resistance

接触件直径 Contact diameter	Ø1.5	Ø2.5	Ø3.5	Ø5.5	Ø9
额定电流 Rated current	10A	25A	50A	100A	200A
接触电阻 Contact resistance	≤2.5mΩ	≤1mΩ	≤0.5mΩ	≤0.3mΩ	≤0.15mΩ

Technical characteristics

- Ambient temperature: -60℃ ~ +150℃
- Vibration acceleration: 10g (10~1000Hz)
- Shock acceleration: once at 500g, multiple times at 35g
- Working voltage: ≤700V
- Guarantee period: 3 years
- Mechanical life: 500 cycles

命名

PR 20 J 6 Q

型号

壳体号

16,20,28,32,36,40,48,55,60

J: 插针 K: 插孔

组合代号

A: 非密封插座

M: 密封插座

P: 屏蔽尾附

Q: 非屏蔽尾附

S: 非屏蔽弯式尾附

R: 屏蔽弯式尾附

How to order

PR 20 J 6 Q

Model

Shell No.

16,20,28,32,36,40,48,55,60

J: Male K: Female

Combination code

A: Unsealed receptacle

M: Sealed receptacle

P: Screened tail

Q: Non-screened tail

S: Angle non-screened tail

R: Angle screened tail

型谱图：孔组排列（从插孔方向看） Pins layout (view from socket the mating side)

壳体号 Shell No.	组合代码 Combination code					接触件直径 Contacts diameter				
	1-1	1	1-G	2	4	Ø1.5	Ø2.5	Ø3.5	Ø5.5	Ø9
16										
20	1	2	3	4	5	6	7	8	9	10

PR系列连接器

PR series connectors



慈溪市大发精密连接器有限公司
Cixi Dafa Precise Linker Co., Ltd

壳体号 Shell No.	组合代码 Combination code														
	1-1	1	2	3	4	7	8	9	10	11	12	13	14	15	
28															
32	1	2	3	4	7	8	9	10	11	12					
36	1	2	5-C		6										
40	1	2	3	6	8	9									
48	1	4	5	6											
55	1	2	3	4											
	5	6	7	8											
60	3	5													



接触对组合代号表 Contacts combination code table

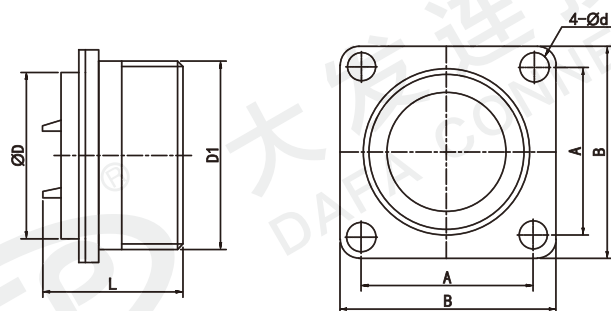
插座外壳 配合直径 Pannel diameter	接触对数目 Number of contact						接触对组 合代号 Combination code
	总数 Total	接触件直径 Contacgts diameter(mm)					
		1.5	2.5	3.5	5.5	9	
16	1			1			1-1
	2	2					1
	2	2					1-G
	3	3					2
	2	2					4
20	2	2					1
	2		2				2
	3		3				3
	3	3					4
	3	1	2				5
	4		4				6
	4	4					7
	4	2	2				8
	5		5				9
5	5					10	
7	7					11	
28	1				1		1-1
	2			2			1
	4		2	2			2
	6	4		2			3
	7		7				4
	4	4					7
	4	2	2				8
	4		4				9
	4	2		2			10
	6	6					11
	7	7					12
	7	5	2				13
	7	4	3				14
7	3	4				15	
32	1					1	1
	8		8				2

插座外壳 配合直径 Pannel diameter	接触对数目 Number of contact						接触对组 合代号 Combination code
	总数 Total	接触件直径 Contacgts diameter(mm)					
		1.5	2.5	3.5	5.5	9	
32	12	6	6				3
	14	14					4
	8	8					7
	8	7	1				8
	8	4	4				9
	10	10					10
	10	6	4				11
	12	12					12
36	4		3			1	1
	5			5			2
	15		15				5-C
	15	13	2				6
40	3				3		1
	9		5	4			2
	14	8	6				3
	15	15					6
	16	14	2				8
	16	16					9
48	2					2	1
	9		5		4		4
	20	14	6				5
	26	26					6
55	6		3			3	1
	23	16	2	3	2		2
	30	22	8				3
	30	30					4
	30	24	6				5
	31	14	14	3			6
	35	23	10	2			7
	35	33		2			8
60	45	25	20				3
	47	40	7				5

外形及安装尺寸 Outline dimensions

不带尾附的插座尺寸

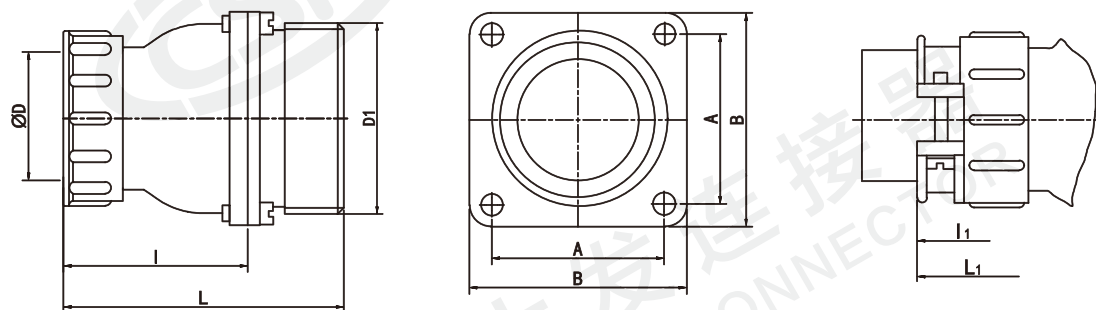
Dimensions of receptacle without tail



型号 Model	D	D1	A	B	L	d
PR16	16	M20	19	25	40	3.5
PR20	20	M24	22	30	40	3.5
PR28	28	M33	30	38	42	4.5
PR32	32	M36	32	40	42	4.5
PR36	36	M39	34	42	42	3.6
PR40	40	M45	40	48	42	4.5
PR48	48	M52	48	58	42	4.5
PR55	55	M60	52	64	42	4.5
PR60	60	M64	54	68	42	4.5

带直式尾附的插座尺寸

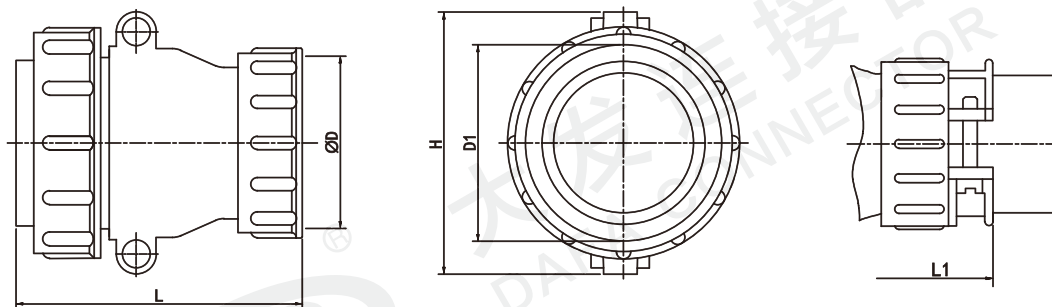
Dimensions of receptacle with straight tail



型号 Model	D	D1	A	B	L	L1	l	l1
PR16	11	M20	19	25	52	62	28	38
PR20	18	M24	22	30	54	65	32	43
PR28	25	M33	30	38	59	73	36	50
PR32	25	M36	32	40	64	78	40	54
PR36	29	M39	34	42	66	80	42	56
PR40	32	M45	40	48	65	79	42	56
PR48	36	M52	48	58	67	81	44	58
PR55	46	M60	52	64	67	81	44	58
PR60	50	M64	54	68	65	79	42	56

带直式尾附的插头尺寸

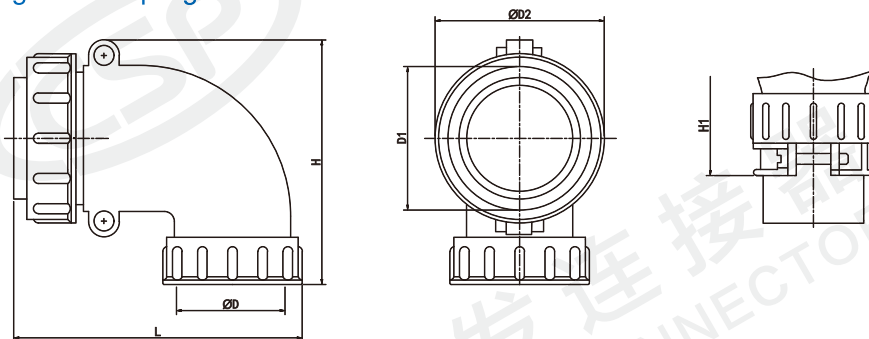
Dimensions of cable plug with straight tail



型号 Model	D	D1	H	L	L1
PR16	11	M20	28.5	50	60
PR20	18	M24	36	53	64
PR28	25	M33	48	56	70
PR32	25	M36	52	58	72
PR36	29	M39	54	62	76
PR40	32	M45	60	64	78
PR48	36	M52	68	66	80
PR55	46	M60	74	66	80
PR60	50	M64	80	64	79

带弯式尾附的插头尺寸

Dimensions of angle cable plug with tail



型号 Model	D	D1	D2	H	H1	L
PR16	11	M20	26	40	50	56
PR20	18	M24	30	48	59	64
PR28	25	M33	39	60	79	73
PR32	25	M36	42	66	80	73
PR36	29	M39	45	67	81	76
PR40	32	M45	51	72	86	80
PR48	36	M52	59	81	95	90
PR55	46	M60	67	88	102	98
PR60	50	M64	72	94	108	103

OHS-BM系列圆形电连接器

OHS-BM circular electrical connectors



慈溪市大发精密连接器有限公司
Cixi Dafa Precise Linker Co., Ltd

OHS-BM系列圆形电连接器，其连接方式采用卡口连接，接触件端接形式为焊接，产品具有快速连接和分离，体积小，密度高，耐环境好、可靠性高等特点。插座不带尾附，插头可带直式塑料尾附。适用于直流、交流的电路中。

OHS-BM circular electrical connectors. Adapter a bayonet connection. The contacts are designed for soldering. Offer quick connection and disconnection. They feature compact size, high density, environmental resistance, and high reliability. The sockets come without a tail. The plugs can have a straight plastic tail. Suitable for both DC and AC circuits.



主要特征

- 五个定位键定位，防插错；
- 触点不可拆卸；
- 焊线式；
- 直流、交变(最大3MHz)和脉冲电流，最大电压高达250V；
- 插座密封。

Features

- 5 key positions for avoid mis-mating.
- The contacts are non removable
- Alternating (3MHz max) and pulse currents at voltages up to 250V max.
- Sealed receptacle.

技术性能

- 接触电阻： $\leq 15m\Omega$
- 绝缘电阻： $\geq 1000M\Omega$ (正常条件下)
- 环境温度： $-60^{\circ}C \sim 85^{\circ}C$
- 振 动：1-5000Hz 20g
- 冲 击：一次1000g，多次100g
- 接触件直径： $\varnothing 0.6mm$
- 工作电压：250V
- 机械寿命：250次
- 工作时间：5000h

Technical characteristics

- Contact resistance： $\leq 15m\Omega$
- Insulation resistance： $\geq 1000M\Omega$ (under normal conditions)
- Ambient temperature： $-60^{\circ}C$ to $85^{\circ}C$
- Vibration: 1-5000Hz 20g
- Shock: once at 1000g, multiple times at 100g
- Contact diameter: $\varnothing 0.6mm$
- Working voltage: 250V
- Mechanical life: 250 cycles
- Working time: 5000h

命名

	OHS-BM	-1-	10	/10-	P	12-	1	-B
主称代号								
插针插孔表面处理								
1-镀银								
2-镀金								
绝缘体孔位排列								
见绝缘体孔位排列图								
壳体号								
10, 12, 14, 18, 22, 27								
连接器类型								
P-插头(装孔)								
B-插座(装针)								
尾部附件类型								
1-不带尾附								
12-带非屏蔽直式尾附								
变键位								
1、2、3								
B: 全天候								

How to order

	OHS-BM	-1-	10	/10-	P	12-	1	-B
Contacts type								
Contacts plating								
1-Silver plated								
2-Gold plated								
Insulator hole arrangement								
See Insulator hole arrangement diagram								
Shell No								
10, 12, 14, 18, 22, 27								
Contact type								
P-Plug(Female)								
B-Receptacle(Male)								
Tail attachment type								
1-Without tail attachment								
12-With unshielded straight tail attachment								
Polarization key								
1、2、3								
B: All climatic								

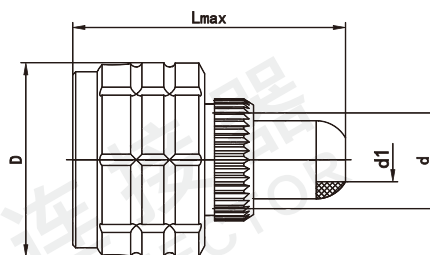


型谱图：孔位排列（从插孔方向看） Pins arrangement (view from socket the mating side)

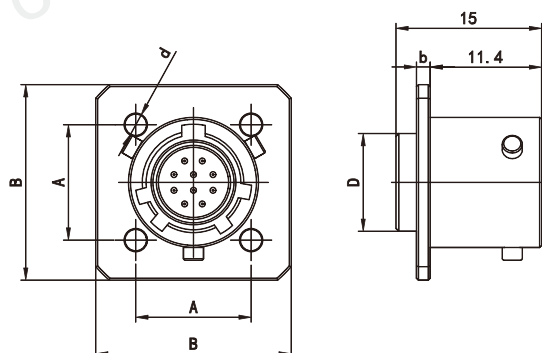
壳体号 Shell No.	型谱图 Pin arrangement	接触件数 No. of contacts	工作电流 Working current (A)
10		10	1.8
12		19	1.7
14		30	1.4
18		50	1

壳体号 Shell No.	型谱图 Pin arrangement	接触件数 No. of contacts	工作电流 Working current (A)
22		76	0.8
27		102	0.7

壳体号 Shell No.	D	d	d1	L
10	20	M10x0.75	4.5	30
12	21	M12x0.75	6	31
14	24	M14x0.75	7	32
18	27	M18x0.75	9.2	33
22	31	M22x0.75	11	34
27	36	M27x0.75	13	36



壳体号 Shell No.	D	d	A	B	b
10	10	2.2	11.8	20	1.4
12	12	2.2	13.2	21	1.4
14	14	2.2	15	24	1.4
18	18	2.2	18	27	1.4
22	22	2.7	21.5	31	1.8
27	27	3.2	26	36	2



ZH28系列密封插座

ZH28 series sealed socket



慈溪市大发精密连接器有限公司
Cixi Dafa Precise Linker Co., Ltd

ZH28为玻璃烧结密封插座,它与ZH23相应插头可配套使用。用于直流、交流、脉冲电流的电路中。

Zh28 is a glass sintered sealed receptacle that can be used in conjunction with the corresponding plug of ZH23. Used in circuits with direct current, alternating current, and pulse current.



技术性能

- 环境温度: $-60^{\circ}\text{C} \sim +155^{\circ}\text{C}$ (最高 200°C)
- 振 动: $1\sim 5000\text{Hz}$ 加速度 $\leq 40\text{g}$
- 绝缘电阻: $\geq 5000\text{M}\Omega$
- 工作电压: 700V
- 冲 击: 加速度 多次 150g , 一次 500g
- 耐 盐 雾: 48h
- 相对湿度: $30^{\circ}\text{C} \sim 60^{\circ}\text{C}$ $92\% \sim 98\%$
- 机械寿命: 500 次

Technical characteristics

- Environmental temperature: $-60^{\circ}\text{C} \sim +155^{\circ}\text{C}$ (maximum 200°C)
- Vibration: $1\sim 5000\text{Hz}$ accelerations $\leq 40\text{g}$
- Insulation resistance: $\geq 5000\text{M}\Omega$
- Operational voltage: 700V
- Impact: acceleration 500g (multiple times); 150g (once)
- Salt spray resistance: 48h
- Relative humidity: $30^{\circ}\text{C} \sim 60^{\circ}\text{C}$ $92\% \sim 98\%$
- Mechanical life: 500 times

接触件直径 Contact diameter	接触电阻 Contact resistance	工作电流 Working current (A)
1.0mm	$\leq 15\text{m}\Omega$	5
1.5mm	$\leq 10\text{m}\Omega$	10
2.0mm	$\leq 8\text{m}\Omega$	15

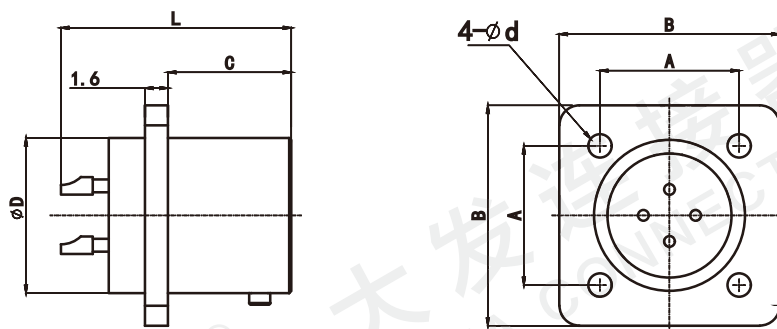
等级 Grade	工作电压 Operational voltage (V)	试验电压 Test voltage (V)
A	700	2100
B	500	1850
C	400	1600

命名

ZH28-	4	/14	B-	1-	b-	B
密封插座型号						
接触件数量						
壳体号						
14, 18, 22, 24, 27, 30, 33, 36, 39						
B: 装针						
不带尾附						
键位						
无标记-标准键位						
a, b, c, d						
全天候						

How to order

ZH28-	4	/14	B-	1-	b-	B
Hermetic type						
No. of contacts						
Shell No.						
14, 18, 22, 24, 27, 30, 33, 36, 39						
B: Pin (Male)						
Without tail attachment						
Key position						
Omit- Standard key						
a, b, c, d						
All-climate						



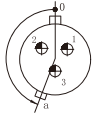
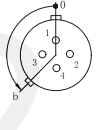
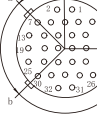
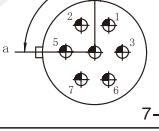
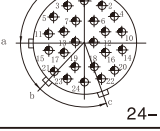
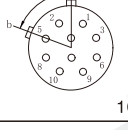
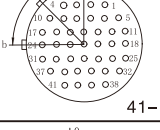
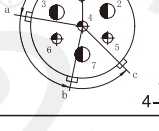
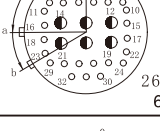
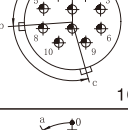
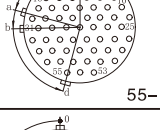
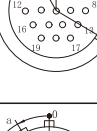
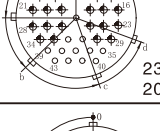
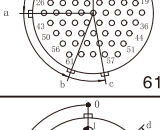
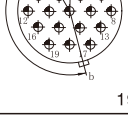
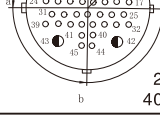
接触件数 Number of contacts	壳体号 Shell No	尺寸 Dimensions (mm)					
		A	B	C	D	d	L
3/14		16.5	21.7	11.3	14	2.2	23.6
4/14					18		
7/18		19.5	25.9		22	3.2	
10/18							
7/22		23	29.4		24		
10/22							
19/22							
19/24		25	31.4		27		
19/27		27	33.4		30		
28/27							
32/27							
24/30		31	37.8		13	36	
41/30							
32/33		34	41.5	25.2			
55/33							36.5
43/36		40	46.4				
61/36					39	26.7	
45/39							

ZH28系列密封插座

ZH28 series sealed socket



慈溪市大发精密连接器有限公司
Cixi Dafa Precise Linker Co., Ltd

接触件数 Number of contacts 壳体号 Shell No.	变键位角度 Polarization key				接触件型谱图 Pins layout	接触件数 Number of contacts 壳体号 Shell No.	变键位角度 Polarization key				接触件型谱图 Pins layout
	a	b	c	d			a	b	c	d	
3/14	160°	/	/	/	 3-Ø1.5	28/27	45°	150°	195°	/	 24-Ø1.0 4-Ø1.5
4/14	/	135°	/	/	 4-Ø1.0	32/27	45°	135°	/	270°	 32-Ø1.0
7/18	90°	/	/	/	 7-Ø1.5	24/30	90°	135°	200°	/	 24-Ø1.5
10/18	/	70°	/	/	 10-Ø1.0	41/30	45°	90°	/	/	 41-Ø1.0
7/22	80°	170°	225°	/	 3-Ø2 4-Ø1.5	32/33	90°	120°	/	/	 26-Ø1.0 6-Ø2.0
10/22	/	100°	195°	/	 10-Ø1.5	55/33	75°	90°	/	165°	 55-Ø1.0
19/22	30°	/	225°	/	 19-Ø1.0	43/36	90°	135°	200°	250°	 23-Ø1.0 20-Ø1.5
19/24	30°	120°	245°	/	 15-Ø1.0 4-Ø1.5	61/36	90°	160°	190°	/	 61-Ø1.0
19/27	30°	195°	/	/	 19-Ø1.5	45/39	90°	180°	270°	315°	 3-Ø2 2-Ø1.5 40-Ø1.0

○ 1.0mm ◐ 1.5mm ◑ 2.0mm



PPC系列连接器由密封仪表的PPC5、PPC4和非密封电缆插头PPC3组成，PPC5仪表插座使用不锈钢外壳，插针使用镀镍，PPC3使用镀银或镀金。所有连接器的外壳都具有单键极化和多位置安装的绝缘体，以防止在连接相同直径时的错插、混插，插头可选配带尾附和不带尾附。

PPC series connectors consist of sealed instrument PPC5, PPC4, and a non-sealed cable socket PPC3, the PPC5 instrument connector use stainless steel shell, contact use nickel plating, PPC4 female contacts use silver or gold plating. All the connectors have single-key polarization of the housings and a multi-position installation of insulators, which prevents confusion when connecting the same diameters. Cable sockets are provide without a backshell or with a straight or angular backshell.



技术性能

- 环境温度：-60℃ ~ +100℃
- 接触电阻：≤5.0mΩ
- 工作电压：200V
- 绝缘电阻：≥1000MΩ 常温
≥20MΩ 高温
- 机械寿命：插拔250次
- 储存期限：5年

Technical characteristics

- Working temperature：-60℃ ~ +100℃
- Contacts resistance：≤5.0mΩ
- Working voltage：200V
- Insulation resistance：≥1000MΩ Normal temperature
≥20MΩ High temperature
- Mechanical life：Mating 250 times
- Storage time：5 years

命名

	PPC3	-10	A	-1-	1	-B
系列	PPC3, PPC4, PPC5					
芯数：	4, 7, 10, 19, 32, 50					
接触件镀层方式	A-镀金 B-镀银					
连接器类型	1-面板插座不带尾附 0-插头不带尾附 7-插头带直式尾附 9-插头带弯式尾附 P-转接器					
变键位	1.2....12					
B: 全天候						

How to order

	PPC3	-10	A	-1-	1	-B
Series	PPC3, PPC4, PPC5					
No. of contacts	4, 7, 10, 19, 32, 50					
Contacts plating	A-Gold B-Silver					
Connector type	1-Instrument receptacle without tail 0-Cable plug without tail 7-Calbe plug with straight tail 9-Calbe plug with angle tail P-Adapter					
Polarization key	1.2....12					
B: All climate						

型谱图：孔位排列（从插孔方向看） Pins arrangement (view from socket the mating side)

壳体号 Shell No.	型谱图 Pin arrangement	接触件数 No. of contacts	键位号 orientation key	工作电流 Working current (A)
10		4	1	1.5
12		7		

PPC系列连接器

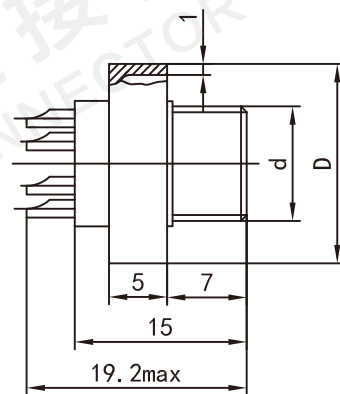
PPC series connectors



慈溪市大发精密连接器有限公司
Cixi Dafa Precise Linker Co.,Ltd

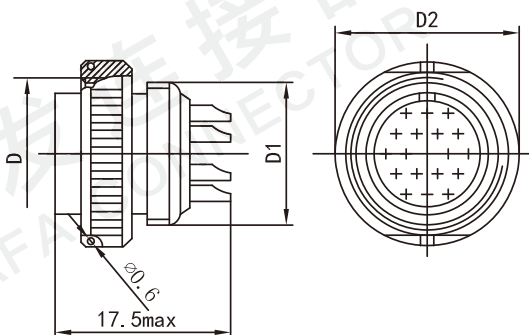
壳体号 Shell No.	型谱图 Pin arrangement	接触件数 No. of contacts	键位号 orientation key	工作电流 Working current (A)
14		10	1 (2, 3, 4, 5)	1.5
18		19	1 (2, 3, 4)	1.1
22		32	1 (2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12)	0.9
27		50	1 (2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12)	0.7

壳体号 Shell No.	d	D
10	M10x0.75	17.4
12	M12x0.75	19.4
14/y	M14x0.75	25/21.4
18/y	M18x1.0	29/25.4
22	M22x1.0	33
27	M27x1.0	38

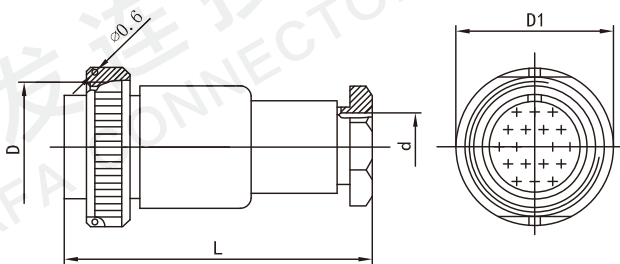




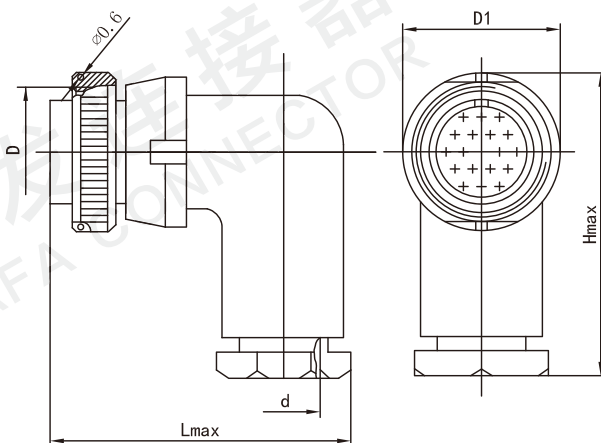
壳体号 Shell No.	D	D1	D2
14	M14x0.75	M14x0.75	18
18	M18x1.0	M18x0.75	22.5
22	M22x1.0	M22x0.75	26.5
27	M27x1.0	M27x0.75	31.5



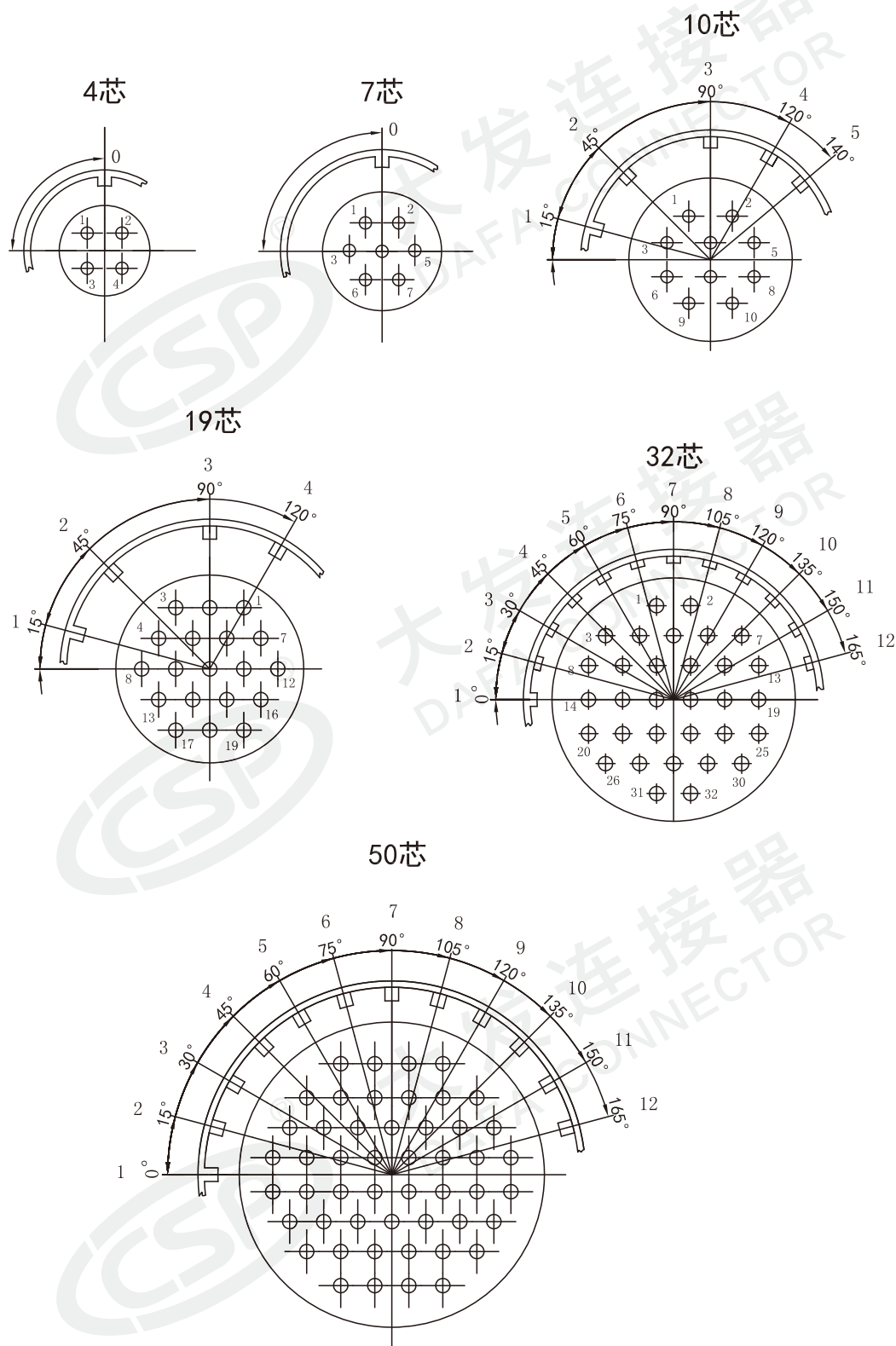
壳体号 Shell No.	d	D	D1	L
14	9	M14x0.75	18	40
18	11	M18x1.0	22.5	42
22	13	M22x1.0	26.5	44
27	16	M27x1.0	31.5	48



壳体号 Shell No.	d	D	D1	L	H
14	9	M14x0.75	18	38	36
18	11	M18x1.0	22.5	41	40
22	13	M22x1.0	26.5	43	44.5
27	16	M27x1.0	31.5	47	51.5

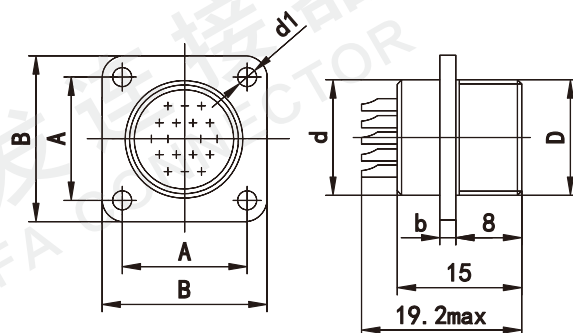


键位示意图 Diagram of orientation key

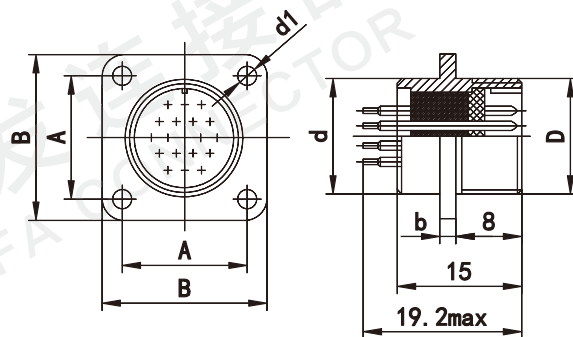




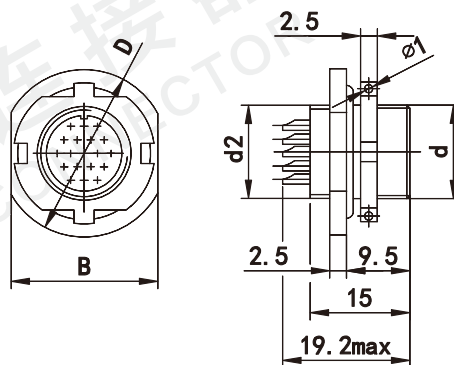
壳体号 Shell No.	d	d1	A	B	b	D
14	14	2.2	15	20	1.8	M14x0.75
18	18	2.7	18	24	2	M18x1.0
22	22	2.7	21.5	28	2	M22x1.0
27	27	3.2	26	33	2	M27x1.0



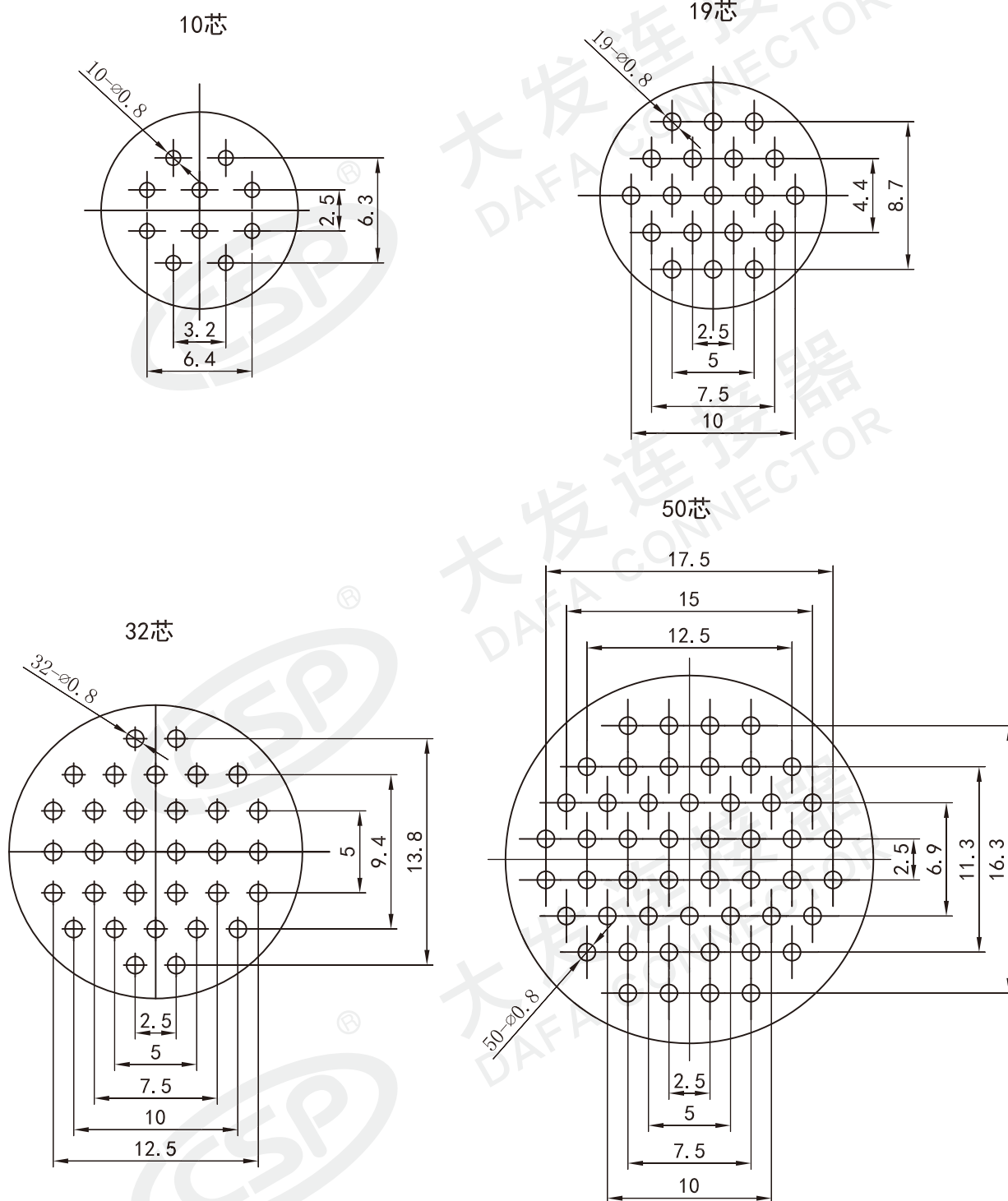
壳体号 Shell No.	D	d	A	B	b	d1
14	M14x0.75	14	15	20	1.8	2.2
18	M18x1.0	18	18	24	2	2.7
22	M22x1.0	22	21.5	28	2	2.7
27	M27x1.0	27	26	33	2	3.2



壳体号 Shell No.	d2	d	D	B
14	M14x0.75	M14x0.75	25	22
18	M18x0.75	M18x1.0	29	26
22	M22x0.75	M22x1.0	33	30
27	M27x0.75	M27x1.0	38	35



印制板示意图 Circuit board hole layouts for mounting





MP1系列连接器设计有密封的仪表插座、非密封的电缆插头、印制板安装插座。插头和插座可以选择带外壳或不带外壳，带有导电和非导电涂层。插头和插座之间的连接为螺纹或插入式可选，外壳的单键位结构，连接器可用于室内安装。

MP1 Series connectors consist of a sealed or non-sealed panel connector provide soldering or printed mounting and a non-sealed cable socket. Plugs and sockets are manufactured without a casing or with a casing, with conductive and non-conductive coating. The connection between plugs and sockets is threaded or cut-in type, the polarization of the housings is single-key. Connectors are intended for indoor installation.



技术性能

- 环境温度：-60°C ~ +150°C
- 振动加速度：1 ~ 2500Hz 15g
- 冲击加速度：多次35g
- 工作电压：140V
- 接触件工作电流：0.5A
- 绝缘电阻：≥1000MΩ 常温
≥20MΩ 高温
≥1MΩ 高湿
- 接触电阻：≤10mΩ
- 机械寿命：插拔250次
- 储存期限：5年

Technical characteristics

- Working temperature：-60°C ~ +150°C
- Acceleration of vibration: 1 ~ 2500Hz 15g
- Impact acceleration：multiple 35g
- Working voltage: 140V
- Contacts working current: 0.5A
- Insulation resistance：≥1000MΩ normal temperature
≥20MΩ high temperature
≥1MΩ high humidity
- Contacts resistance：≤10mΩ
- Mechanical life: mating 250 times
- Storage time: 5 years

接触件数量 No. of Contacts	电流总负荷 (A) Total current load (A)	接触件数量 No. of Contacts	电流总负荷 (A) Total current load (A)
10	5	50	25
19	9.5	76	38
30	15	102	51

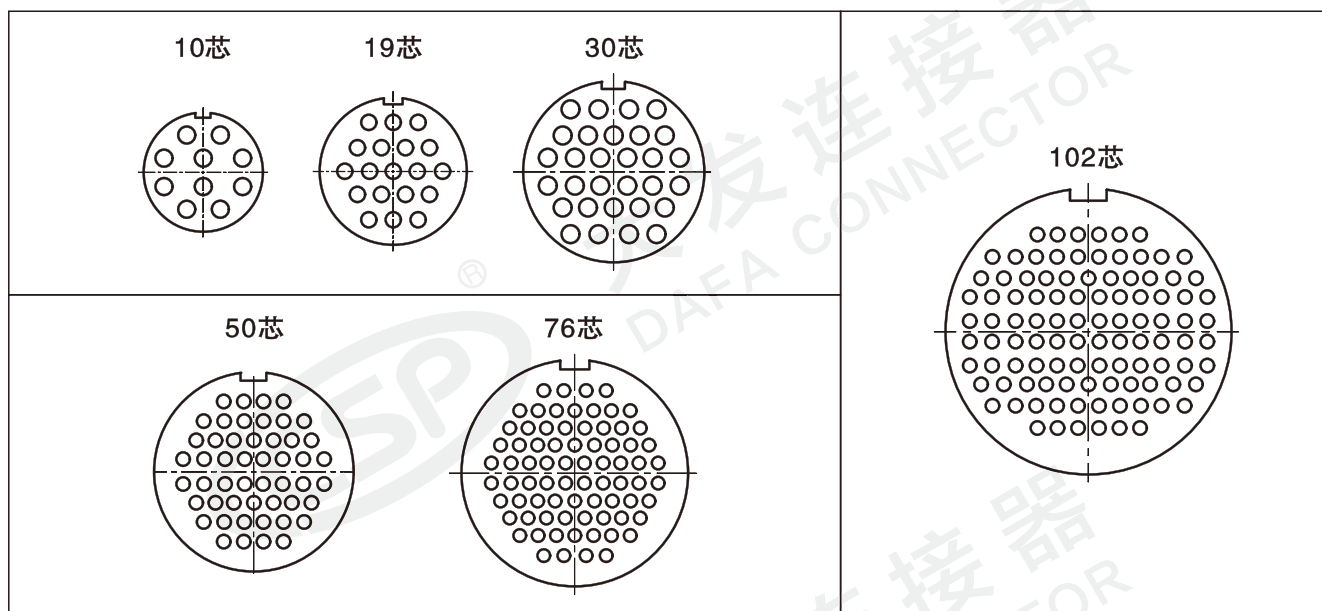
命名

MP1 - 10 - 1 - WF - B
系列
接触件数量 10, 19, 30, 50, 76, 102
连接器类型 针式螺纹连接的插座：1-镀银 2镀金 针式直插式连接的插座：3-镀银 4镀金 孔式螺纹连接电缆插头：5-镀银 6镀金 孔式直插式连接电缆插头：7-镀银 8镀金
WF: 带尾部附件 不写: 不带尾附
B: 全天候

How to order

MP1 - 10 - 1 - WF - B
Series
No. of contacts 10, 19, 30, 50, 76, 102
Connector type 1.Fixed male, threaded coupling, silver plated contacts 2.Fixed male, threaded coupling, gold plated contacts 3.Fixed male, straight plug-in connector, silver plated contacts 4.Fixed male, straight plug-in connector, gold plated contacts 5.Free female, threaded coupling, silver plated contacts 6.Free female, threaded coupling, gold plated contacts 7.Free female, straight plug-in connector, silver plated contacts 8.Free female, straight plug-in connector, silver plated contacts
WF: with tail Omit: without tail
B: All climatic

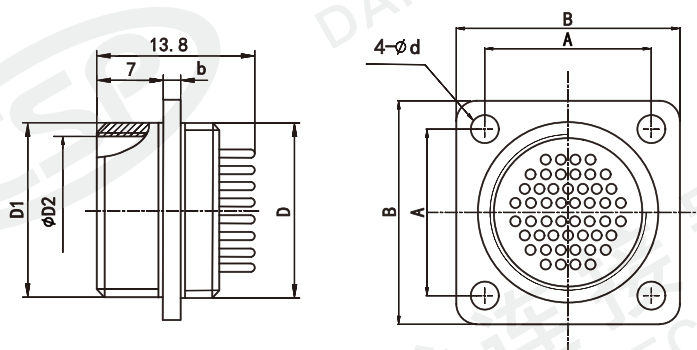
型谱图：绝缘体孔组排列（从插孔接触端看） Contacts layout from the mating side



外形尺寸 Outline dimensions

螺纹连接不带尾附的插座（装针）

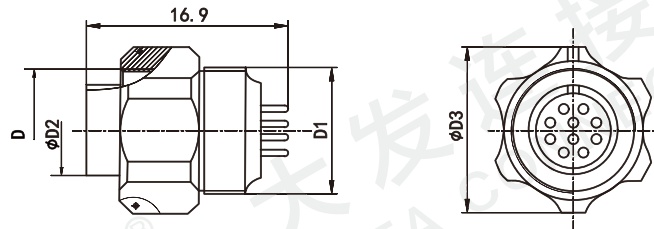
Fixed male, threaded coupling



序号 No.	型号 Part number	尺寸 Dimensions (mm)						
		A	B	D	D1	D2	d	b
1	MP1-10-1-B	11.8	16.5	M10X0.75	M10X0.75	8.3	2.2	1.4
	MP1-10-2-B							
2	MP1-19-1-B	13.2	18.0	M12X0.75	M12X0.75	10.0	2.2	1.4
	MP1-19-2-B							
3	MP1-30-1-B	15.0	20.0	M14X0.75	M14X0.75	12.0	2.2	1.4
	MP1-30-2-B							
4	MP1-50-1-B	18.0	24.0	M18X0.75	M18X1	15.5	2.2	1.4
	MP1-50-2-B							
5	MP1-76-1-B	21.5	28.0	M22X0.75	M22X1	19.5	2.7	1.8
	MP1-76-2-B							
6	MP1-102-1-B	26.0	33.0	M27X0.75	M27X1	24.0	3.2	2.0
	MP1-102-2-B							

螺纹连接不带尾附的插头（装孔）

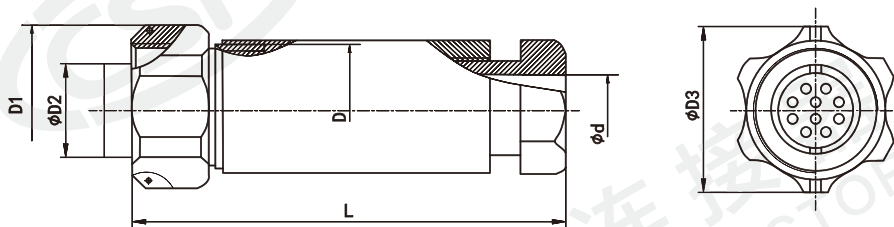
Free female cable parts, threaded coupling, without backshell



序号 No.	型号 Part number	尺寸 Dimensions (mm)			
		D	D1	D2	D3
1	MP1-10-5-B	M10X0.75	M10X0.75	8.2	13.8
	MP1-10-6-B				
2	MP1-19-5-B	M12X0.75	M12X0.75	10.0	16.0
	MP1-19-6-B				
3	MP1-30-5-B	M14X0.75	M14X0.75	12.0	18.5
	MP1-30-6-B				
4	MP1-50-5-B	M18X1	M18X0.75	15.5	23.0
	MP1-50-6-B				
5	MP1-76-5-B	M22X1	M22X0.75	19.5	26.3
	MP1-76-6-B				
6	MP1-102-5-B	M27X1	M27X0.75	24.0	28.7
	MP1-102-6-B				

螺纹连接带尾附的插头（装孔）

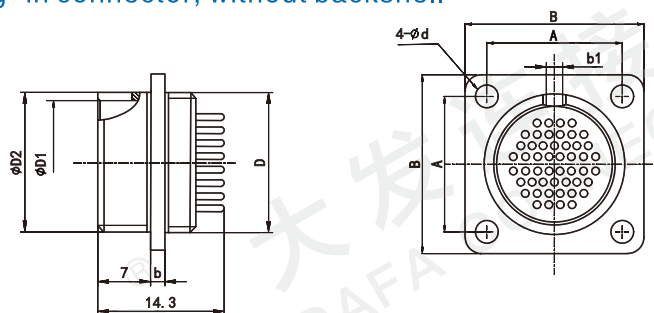
Free female cable parts, threaded coupling, with backshell



序号 No.	型号 Part number	尺寸 Dimensions (mm)					
		D	D1	D2	D3	d	L
1	MP1-10-5-WF-B	M10X0.75	M10X0.75	8.2	13.8	6.0	36.0
	MP1-10-6-WF-B						
2	MP1-19-5-WF-B	M12X0.75	M12X0.75	10.0	16.0	8.0	38.0
	MP1-19-6-WF-B						
3	MP1-30-5-WF-B	M14X0.75	M14X0.75	12.0	18.5	9.0	41.0
	MP1-30-6-WF-B						
4	MP1-50-5-WF-B	M18X0.75	M18X1	15.5	23.0	11.0	41.5
	MP1-50-6-WF-B						
5	MP1-76-5-WF-B	M22X0.75	M22X1	19.5	26.0	13.0	42.0
	MP1-76-6-WF-B						
6	MP1-102-5-WF-B	M27X0.75	M27X1	24.0	28.7	16.0	50.0
	MP1-102-6-WF-B						

直插式连接（带方盘）不带尾附的插座（装针）

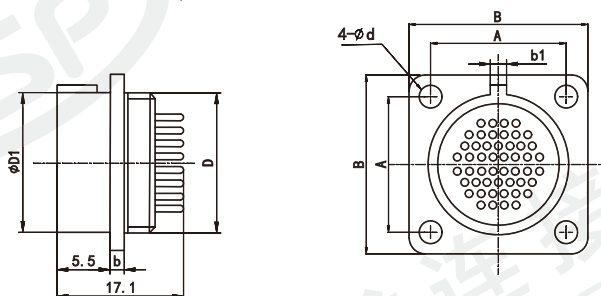
Fixed male, straight plug-in connector, without backshell



序号 No.	型号 Part number	尺寸 Dimensions (mm)									
		A	B	D	D1	D2	d	b	b1		
1	MP1-10-3-B	11.8	16.5	M10X0.75	9.0	11.5	2.2	1.4	2.0		
	MP1-10-4-B								2.5		
2	MP1-19-3-B	13.2	18.0	M12X0.75	11.0	14.0					
	MP1-19-4-B										
3	MP1-30-3-B	15.0	20.0	M14X0.75	13.0	16.0					
	MP1-30-4-B										
4	MP1-50-3-B	18.0	24.0	M18X0.75	16.5	20.5			2.2	1.4	2.5
	MP1-50-4-B										
5	MP1-76-3-B	21.5	28.0	M22X0.75	20.5	24.5	2.7	1.8	3.0		
	MP1-76-4-B										
6	MP1-102-3-B	26.0	33.0	M27X0.75	25.0	30.0	3.2	2.0	3.5		
	MP1-102-4-B										

直插式连接（带方盘）不带尾附的插头（装孔）

Free female, straight plug-in connector, without backshell



序号 No.	型号 Part number	尺寸 Dimensions (mm)						
		A	B	D	D1	d	b	b1
1	MP1-10-7-B	11.8	16.5	M10X0.75	8.8	2.2	1.4	1.4
	MP1-10-8-B							
2	MP1-19-7-B	13.2	18.0	M12X0.75	10.7	2.2	1.4	1.4
	MP1-19-8-B							
3	MP1-30-7-B	15.0	20.0	M14X0.75	12.6	2.2	1.4	1.4
	MP1-30-8-B							
4	MP1-50-7-B	18.0	24.0	M18X0.75	16.2	2.2	1.5	1.5
	MP1-50-8-B							
5	MP1-76-7-B	21.5	28.0	M22X0.75	20.3	2.7	1.8	1.8
	MP1-76-8-B							
6	MP1-102-7-B	26.0	33.0	M27X0.75	24.8	3.2	2.0	2.0
	MP1-102-8-B							



符合GJB 599A (MIL-DTL-38999M) III系列
三头螺纹快速连接, 并带防松脱机构
体积小, 重量轻, 接触偶密度高
具有电磁屏蔽功能
接触件压接可拆卸, 插针防斜插
具有防火壳体、铝合金壳体和多种镀层
具有高温下的高强度振动特性, 能适合在恶劣的风砂和潮湿的场合下使用



Compliant with GJB 599A (MIL-DTL-38999M) III series
Tri-start thread coupling; ratchet gear anti-loosening structure with quick coupling and reliable latching characteristics.
Small size, light weight, high contact density.
Electromagnetic shielding function
Removable crimp contacts, anti-oblique insertion for pins
Fireproof shell, composite shell, aluminum alloy shell, and multiple plating options.
High-strength vibration resistance at high temperatures, suitable for harsh environments (sandstorms, humidity)

主要性能

- 壳体: 铝合金、不锈钢
- 镀层: W-镀镉军绿色
F-化学镀镍
K-不锈钢钝化
- 绝缘体: 热塑性材料或热固性材料
- 封线体和密封圈: 硅橡胶
- 接触件: 铜合金镀金
- 寿命: 500次插拔循环
- 冲击: 3ms半正弦波 加速度峰值300g

Technical parameters

- Shell: aluminum alloy, stainless steel
- Plating: W - Cadmium olive green
F - Electroless nickel plating
K - Stainless steel passivation
- Insulator: thermoplastic/thermosetting material
- Seals: silicone rubber
- Contacts: gold plated copper alloy
- Lifespan: 500 mating cycles
- Shock: 300g, 3ms half-sine wave

电气性能 Electrical performance

耐电压: (V)
Voltage rating: V

工作条件 Voltage rating	海平面 sea level	在21000米高度 21000m altitude
M	1300	800
N	1000	600
I	1800	1000
II	2300	1000

注: 不同的接点排列有不同的工作等级, 详见接点排列右上角标注。
Note: different contact arrangements have different working grades, see the contact arrangement in the upper right corner.

接触件接触电阻及额定电流:
Contact resistance and rated current of contacts

接触件规格 Contact ID	插针直径 Contacts diameter (mm)	接触电阻 Contact resistance mΩ	额定电流 Current rating A
22D	Ø0.76	≤12	5
20#	Ø1.00	≤5	7.5
16#	Ø1.60	≤2.5	13
12#	Ø2.40	≤1.5	23
10#	Ø3.15	≤1.0	40

环境性能

- 温度范围: W: -65℃~ +175℃
F, K: -65℃~ +200℃
- 密封: 插配连接器符合MIL-DTL-38999M 低气压浸渍的要求
- 振动:
正弦: 60g, 并带温度循环和模拟附件(36小时)

Environmental performance

- Temperature range: W: -65℃~ +175℃
F, K: -65℃~ +200℃
- Sealing: complies with MIL-DTL-38999M
- Vibration:
Sine vibration: 60g with temperature cycling and simulated accessories (36 hours).

随机：高温下，频率100~1000Hz，功率谱密度 $1g^2/Hz$ ，对应均方根值41.7g

环境温度下，频率100~1000Hz，功率谱密度 $5g^2/Hz$ ，对应均方根值49.5g

- 绝缘电阻： $\geq 5000M\Omega$ (500VDC)

- 壳体导电性：

W类：2.5m Ω

F类：1m Ω

K类：10m Ω

- 电磁干扰屏蔽：

100MHz~1GHz时，

最小衰减为85dB (F类、W类)

1GHz~10GHz时，

最小衰减为65dB (F类)，50dB (W类)

- 8#双同轴接触件：频带宽0~20MHz

额定电压：最大为500VAC

在21000米为125VAC

电压降：内接触件和中间接触件在1A下 $\leq 55mV$

外接触件在12A下 $\leq 75mV$

- 盐雾：按GJB 1217中方法1001进行试验

Random vibration: high temperature: 100~1000 Hz, power spectral density $1g^2/Hz$ (RMS: 41.7g).

Ambient temperature: 100~1000 Hz, power spectral density $5g^2/Hz$ (RMS: 49.5g).

- Insulation Resistance: $\geq 5000M\Omega$ (500VDC)

- Shell conductivity:

W(Cadmium Olive Green): 2.5m Ω

F(Electroless nickel): 1m Ω

K(Stainless Steel Passivation): 10m Ω

- Electromagnetic interference (EMI) shielding

Frequency range 100 MHz – 1GHz minimum

Attenuation 85 dB (F & W Types)

Frequency range 1GHz – 10GHz minimum

Attenuation 65 dB (F Type), 50 dB (W Type)

- 8# Dual coaxial contacts specifications:

Frequency Bandwidth 0 – 20 MHz

Rated voltage: maximum: 500V AC

At 21,000m altitude: 125V AC

Voltage drop: inner & intermediate contacts: $\leq 55 mV$ at 1A

Outer contacts: $\leq 75 mV$ at 12A

- Salt spray test (per GJB 1217, method 1001):

壳体类型	持久性
W 类	500 小时
F 类	48 小时
K 类	1000 小时

Shell plating type	Test duration
W (Cadmium olive green)	500 hours
F (Electroless nickel)	48 hours
K (Stainless steel passivation)	1000 hours

- 湿热：按MIL-DTL-38999K：24小时10次循环

- 耐液：耐多种燃料，冷却剂，溶剂

- Humidity resistance (Per MIL-DTL-38999M):
24-hour cycles (10 cycles total)

- Fluid resistance:
Resistant to fuels, coolants, and solvents

型号命名

系列主称	J599/																20	W	A	98	P	N	-H		
类型	20-方盘插座																								
	24-螺母紧固插座																								
	26-屏蔽插头																								
壳体镀层	W-镀镉军绿色																								
	F-化学镀镍																								
	K-不锈钢钝化																								
壳体号	09																11	13	15	17	19	21	23	25	
索引号	A至J																A	B	C	D	E	F	G	H	J
接点排列	详见“GJB599Ⅲ系列接点排列图”																								
接触件类别	P-插针，压接与焊接型																S-插孔，压接与焊接型								
	PL-插针，长印制板型																SL-插孔，长印制板型								
	PC-插针，短印制板型																SC-插孔，短印制板型								
	A-专用插针接触件																B-专用插孔接触件								
键位	N-正常键位																								
	A,B,C,D,E-变键位																								
焊接接触件标识（仅适用于焊接连接器）	H-焊接接触件																								

注：

1、国军标GJB599A与美军标MIL-DTL-38999M的型号命名中，除主称代号不同外，其余完全相同。GJB599A的主称代号为“J599”，MIL-DTL-38999M的主称代号为“D38999”，二者可互换。

2、识别号A、B用来表示电连接器使用不同于GJB1611非标准配置的接触件（如屏蔽、同轴、光纤接触件等），该类接触件需要单独订货，具体型号规格见“供GJB599III系列选用的特殊接触件”。

3、当有高耐油要求时，连接器密封件材料为氟硅橡胶，在原型号后加C1。

4、当产品需要配导电方盘胶垫时，在产品型号最后加C2。

【型号标记示例】

J599/20WA98PN-H

J599系列方盘插座，壳体镀层为铝镀镉军绿色，A号壳体，98号接点，接触件为插针，焊接型，N键位。焊接接触件仅适用于焊接连接器。



Ordering information

Basic series	J599/ 20 W A 98 P N -H
Type of connector	20-Square flange receptacle 24-Jam nut receptacle 26-Shielding cable plug
Shell plating	W-Aluminium alloy olive green cadmium plating F-Aluminium alloy electroless nickel plating K-Stainless steel passive
Shell code	09 11 13 15 17 19 21 23 25 A至J A B C D E F G H J
Configuration	See contacts layout figure.
Type of contact	P-Crimp pin S-Crimp socket PL-Long PCB pin SL-Long PCB socket PC-Short PCB pin SC-Short PCB socket A-Special pin contacts B-Special socket contacts
Orientation	N-Normal A,B,C,D,E-Alternative
Soldering contact identification (for welding connectors only)	H-Soldering contact

1. GJB599A and the America military standard MIL-DTL-38999M are identical except for their main designation. The main designation of GJB599A is "J599" and that of MIL-DTL-38999M is "D38999", which can be used interchangeably.
2. Identification numbers A and B are used to indicate that the electrical connector uses contact parts different from GJB1611 non-standard configuration (such as shielded, coaxial, optical fiber contact parts, etc.). Such contact parts need to be ordered separately. See "Special contact parts for GJB599III series selection" for specific model specifications.
3. When there is a high oil resistance requirement, the connector seal material is fluorosilicone rubber, add C1 on the last part number.
4. When the product needs to be equipped with conductive rubber gasket, add C2 on the last part number.

Ordering example: J599/20WA98PN-H

J599 series square flange receptacle(20), Aluminium alloy olive green cadmium plating (W), A shell, #98 contacts, crimp/solder pins (P), normal keying (N). "H" indicates solder contacts (for soldering connectors only).

压接接触件 Crimp contact

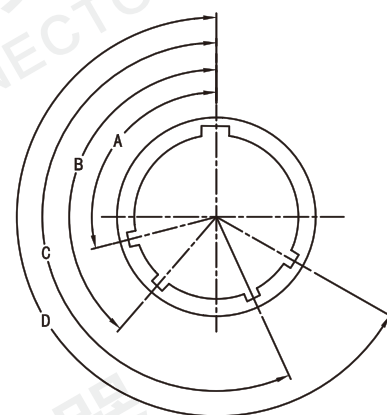
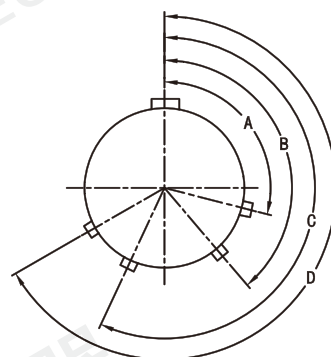
压接接触件规格 Crimp contact size	直径 Diameter (mm)	插针色标 Pin color code	插孔色标 Socket color code	压线筒内径 Crimp barrel ID mm	压线筒外径 Crimp barrel OD mm	适配导线截面 Wire cross-section mm ²	适配美标 AWG	适配导线绝缘外径 Insulation OD mm	拆卸工具 代号 Extraction tool	压接工具 Crimping tool
22D	Ø0.76	橙-蓝-黑	橙-黄-灰	0.85	1.20	0.08 0.125 0.2 0.3	28 26 24 22	0.76-1.37	M81969/ 14-01	YJQ-2
20#	Ø1.00	橙-蓝-橙	橙-绿-棕	1.17	1.78	0.2 0.3 0.5	24 22 20	1.02-2.11	M81969/ 14-10	YJQ-2 XCXY-01
16#	Ø1.60	橙-蓝-黄	橙-绿-红	1.68	2.62	0.5 0.8 1.0 1.2	20 18 16	1.65-2.77	M81969/ 14-03	XCXY-01
12#	Ø2.40	橙-蓝-绿	橙-绿-橙	2.49	3.84	2.0 3.0	14 12	2.46-3.61	M81969/ 14-04	XCXY-01
10#	Ø3.15	绿-红-灰	绿-橙-紫	3.40	4.65	4.8	10	3.42-4.12	M81969/ 14-05	YTQ
8#	Ø3.60	-	-	4.55	6.40	8.37	8	6.4-6.9	M81969/ 14-12	YTQ

焊接接触件 Solder contacts

焊接接触件规格 Solder contact size	焊接杯内径 Solder cup ID	最大适配导线线规 Max compatible (AWG)
22D	Ø0.9	22
20#	Ø1.1	20
16#	Ø1.9	16
12#	Ø2.9	12
10#	Ø3.6	10
8#	Ø4.8	8

键位 Keying configuration

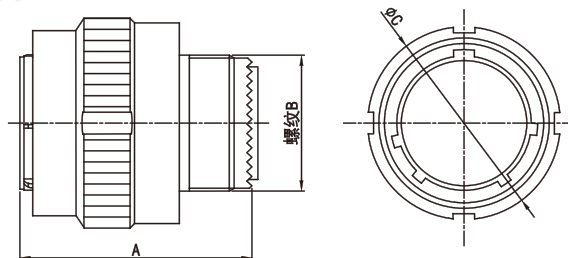
壳体号 Shell code	MS壳体号 MS equivalent	角度 Degrees	N	A	B	C	D	E
9	A	A°	105	102	80	35	64	91
		B°	140	132	118	140	155	131
		C°	215	248	230	205	234	197
		D°	265	320	312	275	304	240
11	B	A°	95	113	90	53	119	51
		B°	141	156	145	156	146	141
		C°	208	182	195	220	176	184
		D°	236	292	252	255	298	242
13	C	A°	95	113	90	53	119	51
		B°	141	156	145	156	146	141
		C°	208	182	195	220	176	184
		D°	236	292	252	255	298	242
15	D	A°	95	113	90	53	119	51
		B°	141	156	145	156	146	141
		C°	208	182	195	220	176	184
		D°	236	292	252	255	298	242
17	E	A°	80	135	49	66	62	79
		B°	142	170	169	140	145	153
		C°	196	200	200	200	180	197
		D°	293	310	244	257	280	272
19	F	A°	80	135	49	66	62	79
		B°	142	170	169	140	145	153
		C°	196	200	200	200	180	197
		D°	293	310	244	257	280	272
21	G	A°	80	135	49	66	62	79
		B°	142	170	169	140	145	153
		C°	196	200	200	200	180	197
		D°	293	310	244	257	280	272
23	H	A°	80	135	49	66	62	79
		B°	142	170	169	140	145	153
		C°	196	200	200	200	180	197
		D°	293	310	244	257	280	272
25	J	A°	80	135	49	66	62	79
		B°	142	170	169	140	145	153
		C°	196	200	200	200	180	197
		D°	293	310	244	257	280	272

插座正面视图
Receptacle front view插头正面视图
Plug front view

外形尺寸 Dimensional specifications

插头
Plug

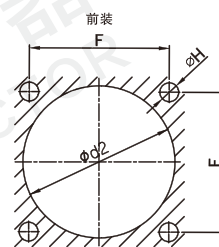
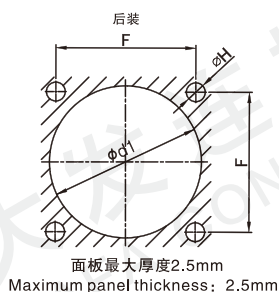
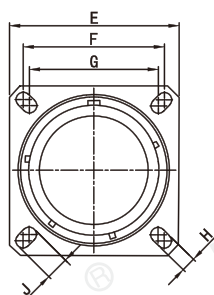
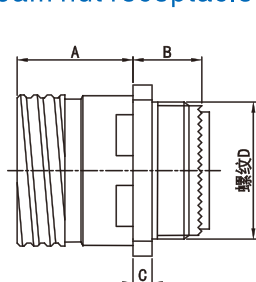
壳体号 Shell code	MS壳体号 MS equivalent	A max	B 螺纹 Thread	C max
9	A	31.0	M12X1	21.80
11	B	31.0	M15X1	25.00
13	C	31.0	M18X1	29.40
15	D	31.0	M22X1	32.40
17	E	31.0	M25X1	35.60
19	F	31.0	M28X1	38.50
21	G	31.0	M31X1	41.70
23	H	31.0	M34X1	44.90
25	J	31.0	M37X1	48.00





方盘插座

Jam nut receptacle



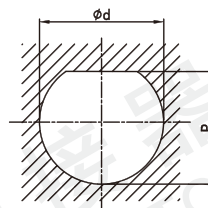
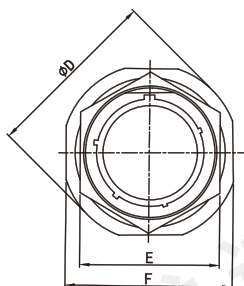
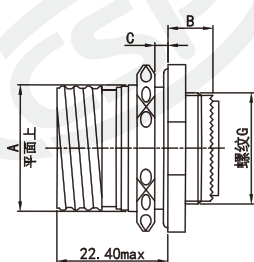
面板最大厚度2.5mm
Maximum panel thickness: 2.5mm

面板最大厚度3.2mm
按“d2”开孔时连接器应不装附件
Maximum panel thickness: 3.2mm
When using "d2" mounting hole pattern, the connector must be installed without accessories.

壳体号 Shell code	MS壳体号 MS equivalent	A max	B max	C max	D 螺纹 Thread	E	F	G	H	J	d1 min	d2 min
9	A	20.9	10.8	2.5	M12X1	23.8	18.26	15.09	3.25	5.49	16.66	13.11
11	B	20.9	10.8	2.5	M15X1	26.2	20.62	18.26	3.25	4.93	20.22	15.88
13	C	20.9	10.8	2.5	M18X1	28.6	23.01	20.62	3.25	4.93	23.42	19.05
15	D	20.9	10.8	2.5	M22X1	31.0	24.61	23.01	3.25	4.93	26.59	23.01
17	E	20.9	10.8	2.5	M25X1	33.3	26.97	24.61	3.25	4.93	30.96	25.81
19	F	20.9	10.8	2.5	M28X1	36.5	29.36	26.97	3.25	4.93	32.94	28.98
21	G	20.1	11.5	3.2	M31X1	39.7	31.75	29.36	3.25	4.93	36.12	32.16
23	H	20.1	11.5	3.2	M34X1	42.9	34.93	37.75	3.91	6.15	39.29	34.93
25	J	20.1	11.5	3.2	M37X1	46.0	38.10	34.93	3.91	6.15	42.47	37.69

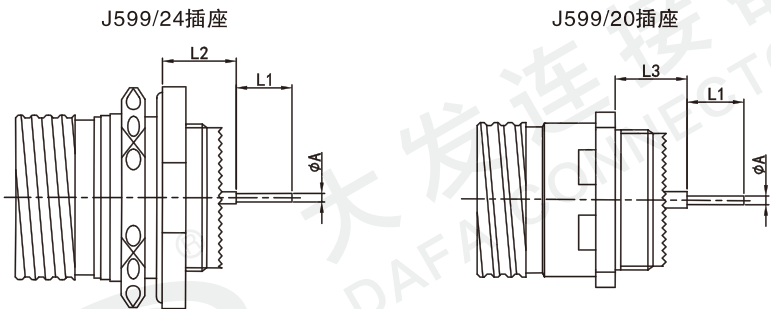
螺母紧固插座

Jam nut receptacle



壳体号 Shell code	MS壳体号 MS equivalent	A	B max	C max	D max	E max	F	G 螺纹 Thread	d	p
9	A	16.5	9.9	3.2	30.5	24.0	27.0	M12X1	17.70	16.99
11	B	19.3	9.9	3.2	35.2	27.0	31.8	M15X1	20.88	19.53
13	C	24.0	9.9	3.2	38.4	32.0	34.9	M18X1	25.58	24.26
15	D	27.2	9.9	3.2	41.6	36.0	38.1	M22X1	28.80	27.53
17	E	30.4	9.9	3.2	44.8	37.0	41.3	M25X1	31.98	30.68
19	F	33.4	9.9	3.2	49.3	41.0	46.0	M28X1	35.15	33.86
21	G	36.5	9.9	3.2	52.7	46.0	49.2	M31X1	38.28	37.06
23	H	39.7	9.9	3.2	55.9	50.0	52.4	M34X1	41.50	40.24
25	J	42.8	9.9	3.2	59.0	51.23	55.6	M37X1	44.68	43.41

GJB599III系列带印制板型接触件的插座
Pcb mount receptacles (GJB599 seriesIII)

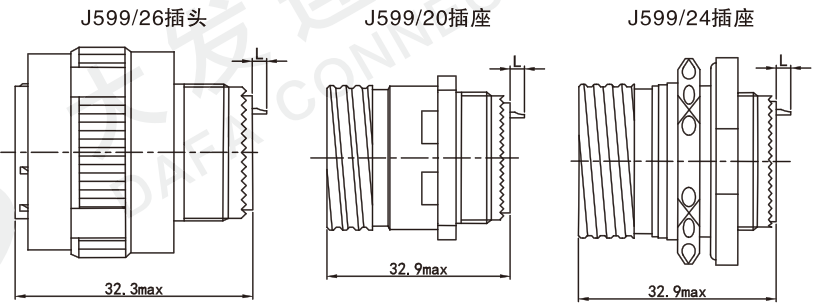


印制板型接触件规格 PCB mount contact		L1	A
22D	长型印制板接触件 Long PCB contact	8.5	0.7
	短型印制板接触件 Short PCB contact	4.0	
20#	长型印制板接触件 Long PCB contact	8.5	0.7
	短型印制板接触件 Short PCB contact	5.1	
16#	长型印制板接触件 Long PCB contact	8.5	1.15
	短型印制板接触件 Short PCB contact	5.1	

装不同规格接触件时的尺寸 (mm) Installation dimensions			壳体号 Shell code 09-11	壳体号 Shell code 13-15-17-19-21-23-25
L2	装22D插针时 22D Pin	min	10.52	10.34
		max	11.46	11.28
	装22D插孔时 22D Socket	min	10.19	10.01
		max	11.46	11.28
L3	装20#或16#插针, 插孔时 20#/16# Pin/Socket	min	10.69	10.51
		max	11.63	11.45
	装22D插针时 22D Pin	min	9.48	9.48
		max	10.58	10.58
	装22D插孔时 22D Socket	min	9.15	9.15
		max	10.58	10.58
	装20#或16#插针, 插孔时 20#/16# Pin/Socket	min	9.65	9.65
		max	10.75	10.75

GJB599III系列焊接连接器
GJB599III series solder type connectors

焊接型接触件规格 Solder contact size	L
22D	4
20#	4
16#	4
12#	4
10#	6
8#	6



注：同轴接触件无焊接型接触件。
Note: Coaxial contacts are not available in solder-type configurations.



GJB599III 系列接点排列 (装针绝缘体插合面视图)

GJB599III series contact layout (from the mating face view of pin insulator)

09 (A)	 09-11 1-16#	 09-02 2-20#	 09-03 3-20#	 09-08 3-20#	 09-44 4-22M	 09-35 6-22D				
11 (B)	 11-01 1-12#	 11-02 2-16#	 11-43 3-16#	 11-04 4-20#	 11-05 5-20#	 11-98 6-20#	 11-99 7-20#	 11-35 13-25#	 11-19 19-23#/22D	 11-23 19-23#/22D
13 (C)	 13-02 2-12#	 13-03 3-16#	 13-05 1-16# 2-12#	 13-04 4-16#	 13-05a 2-16# 3-20#	 13-08 8-20#	 13-26 2-12# 6-22D	 13-98 10-20#		
	 13-12 1-12#同轴 11-22D	 13-35 22-22D	 13-23 32-23#/22D							
15 (D)	 15-03 2-12# 1-16#	 15-04 4-12#	 15-38 4-12#	 15-05 5-16#	 15-97 4-16# 8-20#	 15-15 1-16# 14-20#				
	 15-18 18-20#	 15-19 19-20#	 15-21 1-12#同轴 3-20# 17-22D	 15-31 1-12# 30-22D	 15-35 37-22D	 15-23 55-23#				
17 (E)	 17-62 2-8#	 17-75 2-8#同轴	 17-03 2-10# 1-16#	 17-05 5-12#	 17-06 6-12#	 17-30 3-10# 3-20#				
	 17-08 8-16#	 17-11 3-12# 8-20#	 17-20a 2-8# 2-20# 16-22D	 17-99 2-16# 21-20#	 17-32 2-8#差分 22-22D	 17-26 26-20#				
	 17-02 1-8#双同轴 38-22D	 17-42 42-22D	 17-35 55-22D	 17-23 73-23#						

GJB599III系列(MIL-DTL-38999III系列)电连接器

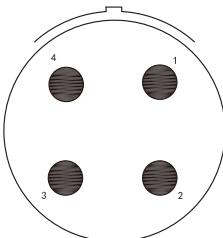
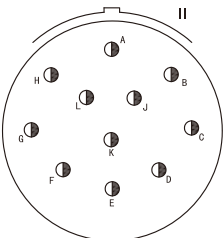
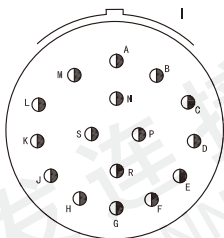
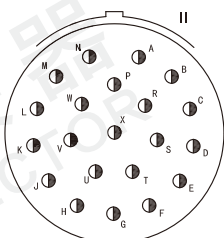
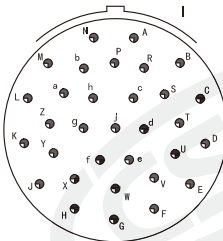
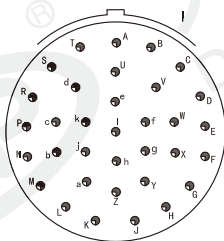
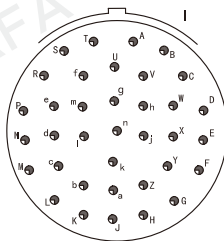
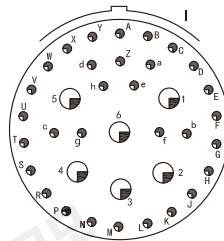
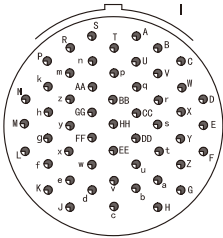
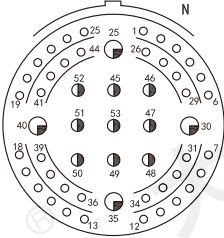
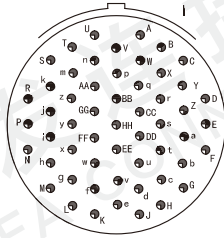
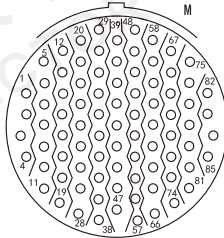
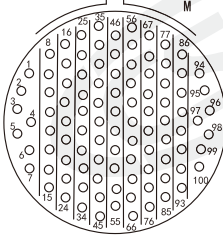
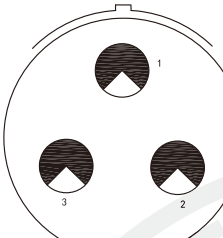
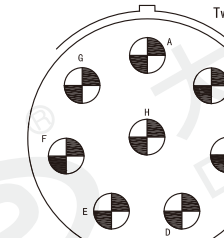
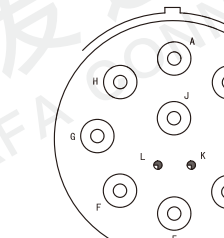
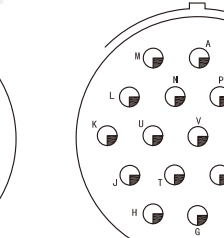
GJB599III series (MIL-DTL-38999III series) electrical connectors



慈溪市大发精密连接器有限公司
Cixi Dafa Precise Linker Co., Ltd

19 (F)	 19-13 3-10#	 19-05 1-20# 4-10#	 19-08 8-12#	 19-06 9-12#	 19-11 11-16#
	 19-16a 16-16#	 19-18 4-8#双同轴 14-22D	 19-28 2-16# 26-20#	 19-30 1-16# 29-20#	 19-32 32-20#
	 19-53 53-22D	 19-35 66-22D	 19-45 67-22D		
21 (G)	 21-48 4-8#	 21-75 4-8#双同轴	 21-11 11-12#	 21-16 16-16#	 21-24 24-20#
	 21-25 25-20#	 21-27 27-20#	 21-29 4-12# 4-16# 19-20#	 21-39 2-16# 37-20#	 21-41 41-20#
	 21-02 65-22D	 21-35 79-22D			



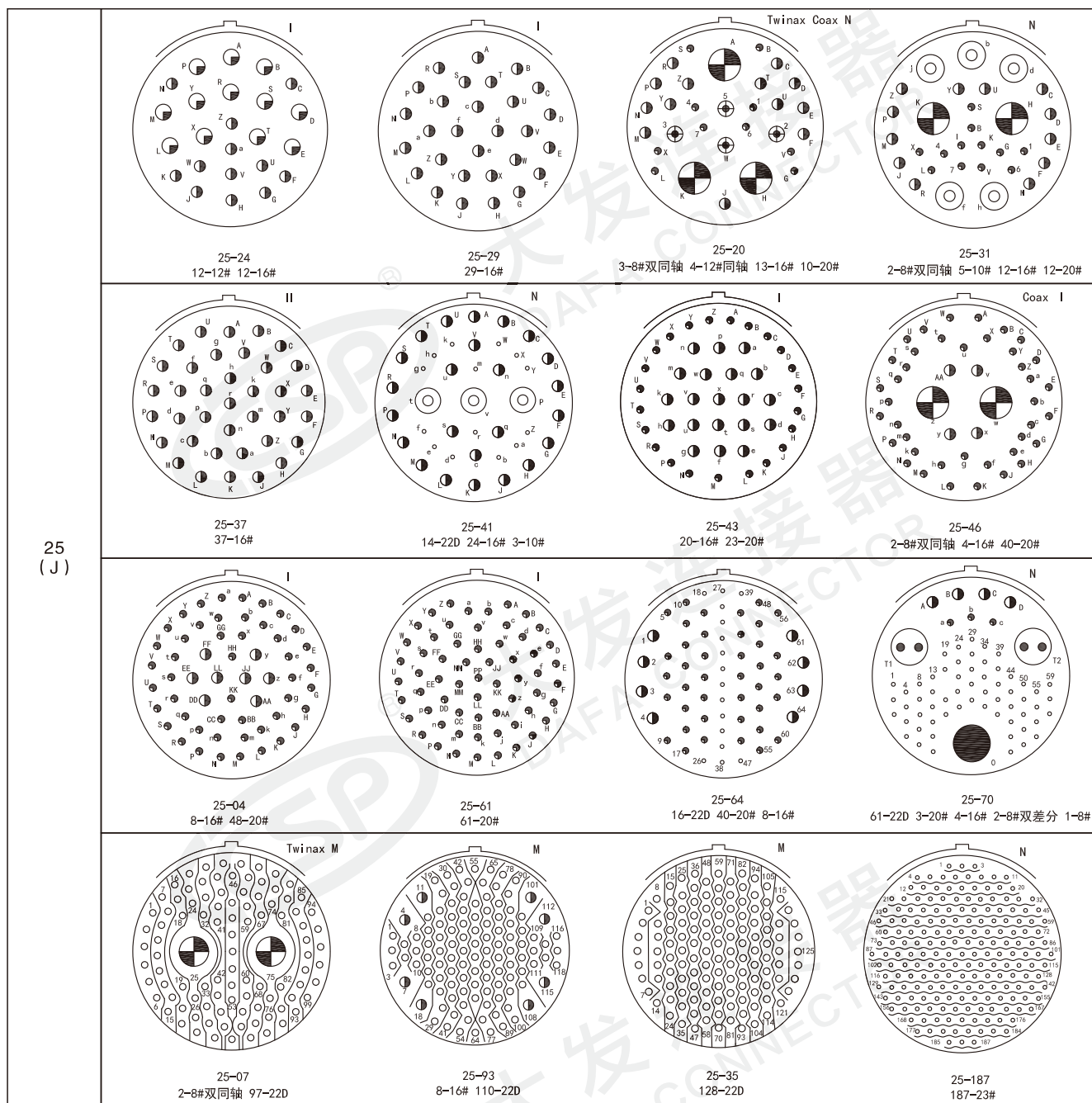
23 (H)	 23-04 4-8#	 23-99 11-16#	 23-97 16-16#	 23-21 21-16#
	 23-32 32-20#	 23-34 34-20#	 23-36 36-20#	 23-37 6-12# 31-20#
	 23-53 53-20#	 23-54 4-12# 9-16# 40-22#	 23-55 55-20#	 23-02 85-22#
	 23-35 100-22#			
25 (J)	 25-33 3-4#	 25-08/25-10 8-8#双同轴	 25-11 9-10# 2-20#	 25-19 19-12#

GJB599III系列(MIL-DTL-38999III系列)电连接器

GJB599III series (MIL-DTL-38999III series) electrical connectors



慈溪市大发精密连接器有限公司
Cixi Dafa Precise Linker Co., Ltd



- 注: 1、20#孔位可换装20#光纤接触件;
2、16#孔位可换装16#屏蔽、16#光纤接触件;
3、12#孔位可换装12#屏蔽、12#同轴、12#光纤接触件;
4、8#孔位可换装8#双同轴、8#单同轴、8#差分接触件。
- Note: 1. Position 20# can be reconfigured with a 20# fiber optic contact.
2. Position 16# can be reconfigured with a 16# shielded or 16# fiber optic contact.
3. Position 12# can be reconfigured with a 12# shielded, 12# coaxial, or 12# fiber optic contact.
4. Position 8# can be reconfigured with an 8# twinaxial, 8# single coaxial, or 8# differential contact.

标准尾部附件(适用于GJB599 III系列电连接器)

该类附件符合国军标GJB1784 (等同于美军标MIL-C-85049)。

注:

(1) 以下附件型号中提及的“J1784”与“J1784 A”等同无区别。

(2) 附件在使用时, 应做以下至少一种防松措施:

①将保险丝穿过保险孔进行防松;

②在产品尾部螺纹上涂抹螺纹胶后将连接螺帽旋紧防松;

③用热缩管将附件整体热缩进行防松。

(3) 带紧定螺钉附件应在紧定丝钉上涂抹螺纹胶后再将其拧紧。

Standard rear accessories (for GJB599 series III electrical connectors)

These accessories comply with chinese military standard GJB1784 (equivalent to U.S. military standard MIL-C-85049).

Important Notes:

1. Model numbering: J1784 and J1784A are functionally identical in all following accessory models.

2. Anti-loosening measures (required):

At least one of these methods must be applied during installation:

Safety wire: pass through dedicated anti-rotation holes

Thread locker: apply to rear threads before tightening nut

Heat shrink tubing: fully cover the accessory assembly

3. Set screw accessories:

Always apply thread locker before tightening set screws.

连接器类型 Connector type	适配的电缆附件功能类型 Function type	适配的电缆附件型号 Compatible accessory models
GJB599 III 系列 压接型连接器 Crimp-type connectors	不夹紧线缆且无屏蔽附件 Non-clamping/Non-shielded	1、J1784/14
	夹紧线缆不屏蔽附件 Cable-clamping (Non-shielded)	1、J1784/38
		2、J1784/39
		3、J1784/16
	屏蔽不夹紧线缆附件 Shielded (Non-clamping)	1、J1784/20
		2、J1784/69
		3、J1784/88
		4、J1784/90
		5、JY599 III-FJA00
		6、JY599 III-FJA90
		7、JY599 III-xxFJB00F
		8、JY599 III-xxFJC00
		9、JY599 III-xxFJE00
	夹紧线缆且屏蔽附件 Shielded & clamping	1、J1784/38-XXNB
		2、J1784/18
GJB599 III 系列 焊接型连接器 Solder-type connectors	不夹紧线缆且无屏蔽附件 Non-clamping/Non-shielded	1、J1784/14
	夹紧线缆不屏蔽附件 Cable-clamping (Non-shielded)	1、J1784/38H
		2、J1784/16H
	屏蔽不夹紧线缆附件 Shielded (Non-clamping)	1、J1784/20
		2、J1784/69
		3、J1784/88
		4、J1784/90
		5、JY599 III-FJA00
		6、JY599 III-FJA90
	夹紧线缆且屏蔽附件 Shielded & clamping	1、J1784/18



尾附型号命名

系列主称	J1784/	38-	15	N
类型	14-尾螺帽 16-弯式电缆夹 20-屏蔽尾部附件 38-直式电缆夹 39-弯式电缆夹 69-热缩护套式尾部附件			
壳体号	09-11-13-15-17-19-21-23-25			
壳体镀层	W-镀镉军绿色 N-化学镀镍 S-不锈钢钝化			

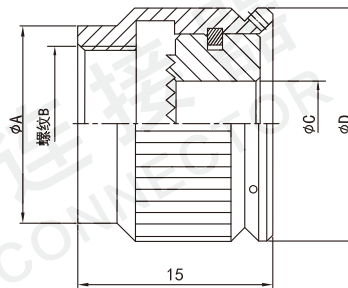
Cable accessory ordering information

Basis series	J1784/	38-	15	N
Type	14-Threaded backshell 16-90° Elbow cable clamp 20-Shielded backshell 38-Straight cable clamp 39-90° Shielded cable clamp 69-Heat-shrink shielded backshell			
Shell code	09-11-13-15-17-19-21-23-25			
Plating options	W-Cadmium olive green N-Electroless nickel S-Passivated stainless steel			

J1784/14-尾螺帽 (不夹紧线缆且无屏蔽附件)

J1784/14 Threaded backshell (Non-clamping, non-shielded accessory)

壳体号 Shell code	A	螺纹B Thread	C	D
09	15.2	M12X1	7.9	19
11	18.2	M15X1	10.8	22
13	21.2	M18X1	13.6	25.1
15	25.1	M22X1	16.9	29
17	28.1	M25X1	20.1	32.1
19	31.1	M28X1	22.1	35.1
21	34.0	M31X1	25.2	38.1
23	37.0	M34X1	28.3	41.1
25	40.0	M37X1	31.6	44.1

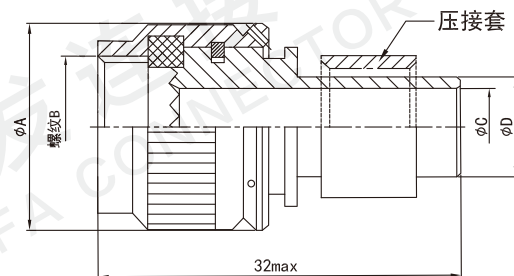


防转附件, 紧箍封线体保证连接器的耐环境性能。不能夹持电缆, 用于环境状态一般的场合。
Function: "Anti-rotation device secures sealing element to maintain environmental resistance. Does not provide cable strain relief. Suitable for moderate environmental conditions."

J1784/20-屏蔽尾部附件 (屏蔽不夹紧线缆附件)

J1784/20-Shielded backshell (EMI protection without strain relief)

壳体号 Shell Code	A	螺纹B Thread	C	D	选用压块 标记
09	19.0	M12X1	6.55	8.81	08
11	22.0	M15X1	8.63	12.65	10
13	25.1	M18X1	10.90	12.95	12
15	29.0	M22X1	14.10	16.00	14
17	32.1	M25X1	17.25	19.30	16
19	35.1	M28X1	20.40	22.61	18
21	38.1	M31X1	23.60	25.65	20
23	41.1	M34X1	26.40	28.70	22
25	44.1	M37X1	28.40	30.53	24



防转、夹紧屏蔽网附件。可以紧箍封线体、提供屏蔽网与尾部附件连接功能, 保证连接器的耐环境性能和电磁屏蔽性能, 不能夹持电缆, 用于电缆受拉力较小的场合。
Function: "Anti-rotation and shield termination feature. Compresses sealing grommet while connecting shield braid, ensuring environmental and EMI protection. No cable strain relief. For low-tension cable applications."

注: 压接套需要用专用压接工具进行压接, YTQ压接钳适用于09-19号壳体, YTQ-01 压接钳适用于09-25号壳体, 需另购。

Notes: Requires specialized crimping tools:

YTQ crimper: Shells 09-19

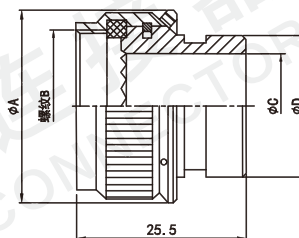
YTQ-01 crimper: Shells 09-25 (must be purchased separately)

Heat-shrink versions available (accessory sold separately)

J1784/69-热缩护套式尾部附件 (屏蔽不夹紧 线缆附件)

J1784/69-Heat-shrink shielded backshell

壳体号 Shell code	A	螺纹B Thread	C	D
09	19.0	M12X1	6.7	13.5
11	22.0	M15X1	9.9	15.3
13	25.1	M18X1	12.8	19.6
15	29.0	M22X1	16.0	21.2
17	32.1	M25X1	19.2	24.4
19	35.1	M28X1	21.4	26.4
21	38.1	M31X1	24.6	30.9
23	41.1	M34X1	27.7	34.4
25	44.1	M37X1	30.9	36.6



防转、夹紧屏蔽网附件。可以紧箍封线体，提供屏蔽网与尾部附件连接功能，保证连接器的耐环境性能和电磁屏蔽性能，不能夹持电缆用于电缆受拉力较小的场合。

注：热缩护套单独选购

Function:

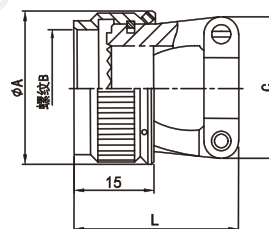
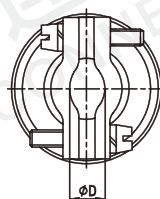
- Anti-rotation, Provides positive shield braid termination to the backshell
- Compresses sealing grommet for environmental protection
- Maintains EMI/RFI shielding integrity
- Excludes cable strain relief – suitable only for low-tension cable applications

Note: "Heat-shrink tubing must be ordered separately."

J1784/38-直式电缆夹 (夹紧线缆不屏蔽附件)

J1784/38-straight cable clamp (Non-Shielded Accessory)

壳体号 Shell code	A max	螺纹B Thread	C max	D min	D max	L max
09	19.0	M12X1	20.0	2.49	5.94	27.0
11	22.0	M15X1	21.0	3.87	5.94	28.5
13	25.1	M18X1	23.4	4.83	8.33	30.0
15	29.0	M22X1	26.6	6.60	11.61	31.5
17	32.1	M25X1	30.6	7.19	15.60	33.5
19	35.1	M28X1	34.0	8.26	16.10	36.6
21	38.1	M31X1	35.8	8.71	17.73	39.8
23	41.1	M34X1	39.0	9.68	20.90	42.9
25	44.1	M37X1	40.6	10.62	21.66	45.0



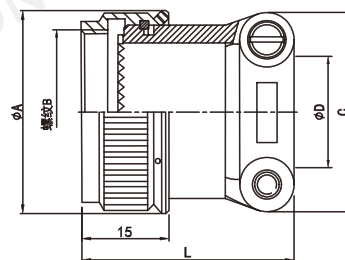
防转、夹紧电缆附件。可以紧箍封线体、夹紧电缆功能，保证连接器的耐环境性能，用于电缆受拉力场合

Anti-Rotation cable-clamping, Secure Locking: Prevents connector rotation under vibration Positive Strain relief, withstand pulling force.

J1784/38H-焊接型直式电缆夹 (夹紧线缆不屏蔽附件)

J1784/38H-Solder type straight cable clamp (Non-shielded accessory)

壳体号 Shell code	A max	螺纹B Thread	C max	D min	D max	L max
09	19.0	M12X1	20.0	2.49	5.94	27.0
11	22.0	M15X1	21.0	3.87	5.94	28.5
13	25.1	M18X1	23.4	4.83	8.33	30.0
15	29.0	M22X1	26.6	6.60	11.61	31.5
17	32.1	M25X1	30.6	7.19	15.60	33.5
19	35.1	M28X1	34.0	8.26	16.10	36.6
21	38.1	M31X1	35.8	8.71	17.73	39.8
23	41.1	M34X1	39.0	9.68	20.90	42.9
25	44.1	M37X1	40.6	10.62	21.66	45.0



功能与J1784/38相同，与焊接产品配套

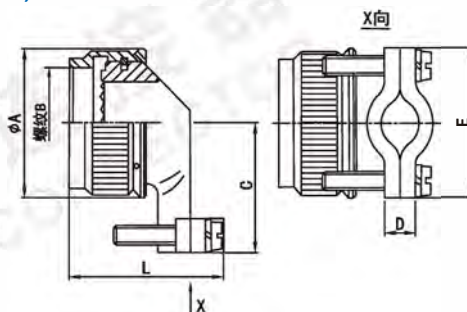
The function is the same as J1784/38 and is used with soldering products.



J1784/39-弯式电缆夹 (夹紧线缆屏蔽附件)

J1784/39-90° Shielded cable clamp (Shielding accessories)

壳体号 Shell code	A max	螺纹B Thread	C max	D min	D max	E max	L max
09	19.0	M12X1	20.60	2.49	5.94	21.6	29.5
11	22.0	M15X1	22.00	3.87	5.94	22.8	29.5
13	25.1	M18X1	23.60	4.83	8.33	26.0	31.9
15	29.0	M22X1	25.20	6.60	11.61	29.0	35.1
17	32.1	M25X1	26.80	7.19	15.60	30.6	39.1
19	35.1	M28X1	31.30	8.26	16.10	37.0	41.5
21	38.1	M31X1	32.90	8.71	17.73	39.0	43.3
23	41.1	M34X1	34.50	9.68	20.90	41.0	46.5
25	44.1	M37X1	36.10	10.62	21.66	42.0	47.1

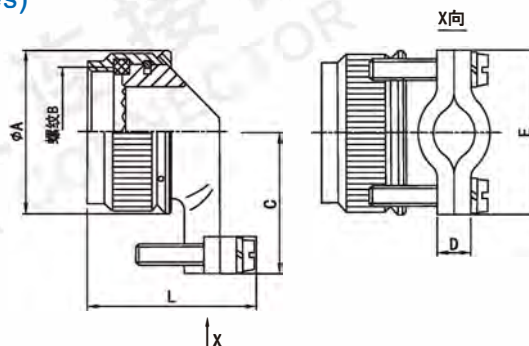


防转、电缆90° 夹紧电缆附件。可以紧箍封线体、90° 夹紧电缆功能，保证连接器的耐环境性能，用于电缆受拉力场合。
Anti-rotation, secure locking: Prevents connector rotation under vibration positive strain relief: withstand pulling force.

J1784/16-弯式电缆夹 (夹紧线缆屏蔽附件)

J1784/16-90° Elbow cable clamp (Shielding accessories)

壳体号 Shell code	A max	螺纹B Thread	C max	D min	D max	E max	L max
09	19.0	M12X1	20.0	2.85	6.71	21.0	25.9
11	22.0	M15X1	21.5	6.00	9.96	26.5	29.2
13	25.1	M18X1	23.0	8.45	12.85	31.5	32.0
15	29.0	M22X1	25.0	12.00	16.03	36.5	35.2
17	32.1	M25X1	27.0	11.10	19.20	31.0	36.4
19	35.1	M28X1	28.5	13.75	21.46	37.0	40.7
21	38.1	M31X1	29.5	19.30	24.64	35.0	43.8
23	41.1	M34X1	31.0	21.40	27.81	35.0	43.0
25	44.1	M37X1	33.0	23.50	30.99	37.0	44.2



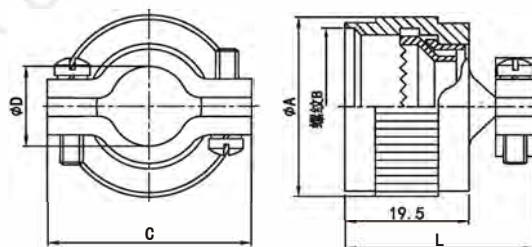
防转、电缆90° 夹紧电缆附件与J1784/39附件功能相同，相对于J1784/39附件出线口直径(D)较大
90° Anti-rotation cable clamp, functionally equivalent to J1784/39 series, but with larger cable exit diameter (D)

J1784/38-XXNB (夹紧线缆屏蔽附件)

J1784/38-XXNB (Secure cable shielding accessories)

壳体号 Shell code	A	螺纹B Thread	C	D min	D max	L
J1784/38-09NB	16.4	M12X1	18.6	3.5	5.7	29.2
J1784/38-11NB	19.2	M15X1	20.6	5.0	7.9	29.2
J1784/38-13NB	23.0	M18X1	24.5	7.4	11.4	29.2
J1784/38-15NB	25.7	M22X1	26.0	9.0	12.9	29.8
J1784/38-17NB	29.0	M25X1	33.0	12.8	17.0	31.0
J1784/38-19NB	31.5	M28X1	36.3	13.2	17.9	32.0
J1784/38-21NB	34.7	M31X1	39.0	14.8	21.1	32.0
J1784/38-23NB	37.5	M34X1	41.4	16.4	24.3	32.0
J1784/38-25NB	41.0	M37X1	44.5	18.0	27.5	32.0

不适用于焊接产品
Not Compatible with solder-type connectors



J1784/18-x xN (夹紧线缆屏蔽附件)

J1784/18-x xN (Cable-clamping shielded accessory)

系列主称	J1784/ 18- 25 N 09 A
类型	18-直式屏蔽电缆夹
壳体号	见表1
壳体镀层	N-化学镀镍 W-镀镉军绿色 S-不锈钢钝化
出线口径编号	请结合表1、表2选用
长度编码	见表3

Basis series	J1784/ 18- 25 N 09 A
Type	18-Straight shielded cable clamping
Shell code	See follow table 1
Shell plating	N-Electroless nickel W-Cadmium olive green S-Passivated stainless steel
Outlet diameter number	Please refer to table 1 and table 2 for selection
Length Coding	See follow table 3

表1 Table 1

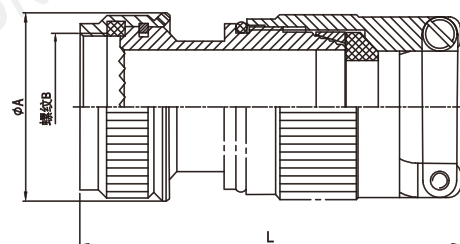
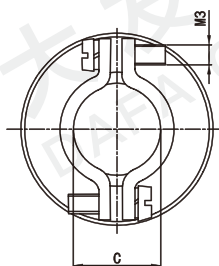
壳体号 Shell code	各壳体号可选出线口径编号 Available exit port codes	A	螺纹B Thread
09	01~02	19.0	M12X1
11	01~03	22.0	M15X1
13	02~04	25.1	M18X1
15	02~05	29.0	M22X1
17	02~06	32.0	M25X1
19	03~07	35.0	M28X1
21	03~08	38.0	M31X1
23	03~09	41.1	M34X1
25	04~10	44.1	M37X1

表2 Table 2

出线口径编号 Available exit port codes	适配线缆直径范围(C) Cable diameter range (mm)
01	1.57~3.18
02	3.18~6.35
03	6.35~9.53
04	9.53~12.7
05	12.7~15.88
06	15.88~19.05
07	19.05~22.23
08	22.23~25.4
09	25.4~28.58
10	28.58~31.75

表3 Table 3

壳体号 Shell code	长度编码 Length code	L
09~25	标准(省略不标出) Standards (omitted)	64.4
09~25	A	89.8
15~25	B	115.2
21~25	C	140.6





JY599III-FJA00、JY599III-FJA90外屏蔽尾部附件(屏蔽不夹紧线缆附件)

JY599III-FJA00 / FJA90 external shielded backshells(shielded, non-clamping cable accessories)

系列主称	J1784/ III 15 FJA 00 F A -05
系列代号	III
壳体号	09-11-13-15-17-19-21-23-25
附件类型	FJA、FJB、FJC、FJE
类型	00-直式尾部附件 90-90°弯式附件
壳体镀层	W-镀镉军绿色 F-化学镀镍 K-不锈钢钝化
钛镍环	无标记-无钛镍环 A-选配钛镍环(仅适用于FJA、FJC)
出线口直径或	无钛镍环时标出出线口直径
钛镍环规格	选配钛镍环时标出钛镍环规格

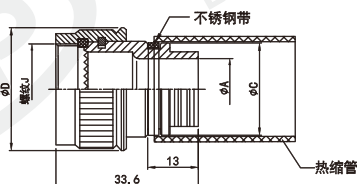
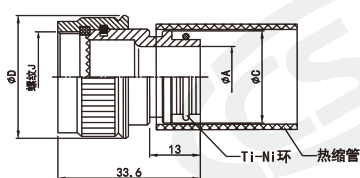
Basic series	J1784/ III 15 FJA 00 F A -05
Type	III
Shell code	09-11-13-15-17-19-21-23-25
Accessories type	FJA、FJB、FJC、FJE
Variant	00-Straight cable clamp 90-90° angle cable clamp
Shell plating	N-Electroless nickel W-Cadmium olive green S-Passivated stainless steel
Ti-Ni ring	No mark-no titanium nickel ring A: With Ti-Ni ring(only adapt for FJA、FJC)
Cable diameter /	Without Ti-Ni ring specify cable diameter
Ti-Ni Ring	With Ti-Ni ring (optional),specify Ti-Ni
Specifications	ring code

注: 1.该类附件用于环境恶劣, 不需要经常拆卸的场合。可实现内外屏蔽。
2.若需用钢带捆扎, 钢带及扎线钳需单独订货, 钢扎带为“不锈钢钢扎带 A31189(07-08-221)”, 扎线钳为“钢扎带扎线钳 A30199 TIE-DEX II (14-04-3216)”。
3.J1784/88、J1784/90与JY599III-FJA00、JY599III-FJA90相同, 仅型号命名不同。

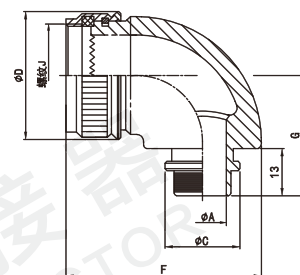
Note:1.Designed for harsh environments,Permanent installations (infrequent disassembly). Provides dual shielding (internal + external EMI protection)
2.Stainless Steel Banding (Optional): Band P/N: A31189 (Stainless steel band, 07-08-221), Tool P/N: A30199 TIE-DEX II (Band crimping tool, 14-04-3216). Must be ordered separately.
3.J1784/88、J1784/90 and JY599III-FJA00、JY599III-FJA90 Equivalent, only differs in naming.

外形尺寸 Outline dimensions

直式附件 (JY599III-FJA00或J1784/88)



弯式附件 (JY599III-FJA90或J1784/90)



序号 No.	壳体 序号 Shell code	Ti-Ni环 规格	屏蔽网规格 (镀锡铜线直径) Shield braid specifications (Tin- plated copper wire diameter)	A Cable diameter 出线口直径		C		F	D	G	螺纹J Thrad
				直式 Straight	弯式 Angle	直式 Straight	弯式 Angle				
1	09	TR-04	6X10 (0.15~0.20)	6.3	6.3	14	14	38.2	19	26	M12X1
		TR-05	10X16 (0.15~0.20)	7.9	7.9	15.5	15				
		TR-06	10X16 (0.15~0.20)	9.5	无	17.1	无				
2	11	TR-04	6X10 (0.15~0.20)	6.3	6.3	14	14	39.7	22	26	M15X1
		TR-05	10x16 (0.15~0.20)	7.9	7.9	15.5	15.5				
		TR-06	10X16 (0.15~0.20)	9.5	9.5	17.1	17.1				
		TR-07	10x16 (0.12~0.20)	11.1	11.1	18.7	18				
		TR-08	16X24 (0.12~0.25)	12.7	无	20.3	无				

GJB599III系列(MIL-DTL-38999III系列)电连接器

GJB599III series (MIL-DTL-38999III series) electrical connectors



慈溪市大发精密连接器有限公司
Cixi Dafa Precise Linker Co.,Ltd

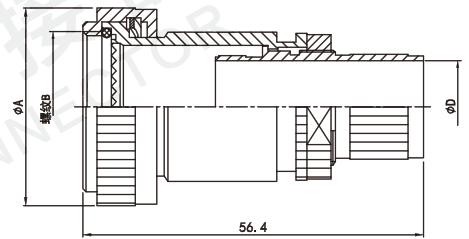
序号 No.	壳体 序号 Shell code	Ti-Ni环 规格	屏蔽网规格 (镀锡铜线直径) Shield braid specifications (Tin- plated copper wire diameter)	A Cable diameter 出线口直径		C		F	D	G	螺纹J Thrad
				直式 Straight	弯式 Angle	直式 Straight	弯式 Angle				
3	13	TR-04	6X10 (0.15~0.20)	6.3	6.3	14	14	45.2	25.1	29	M18X1
		TR-05	10X16 (0.15~0.20)	7.9	7.9	15.5	15.5				
		TR-06	10X16 (0.15~0.20)	9.5	9.5	17.1	17.1				
		TR-07	10X16 (0.12~0.20)	11.1	11.1	18.7	18.7				
		TR-08	16X24 (0.12~0.25)	12.7	12.7	20.3	20.3				
		TR-10	16X24 (0.10~0.30)	16	16	23.5	23				
4	15	TR-05	10X16 (0.15~0.20)	7.9	无	15.5	无	47.0	29	29	M22X1
		TR-06	10x16 (0.15~0.20)	9.5	9.5	17.1	17.1				
		TR-07	10x16 (0.12~0.20)	11.1	11.1	18.7	18.7				
		TR-08	16X24 (0.12~0.25)	12.7	12.7	20.3	20.3				
		TR-10	16X24 (0.10~0.30)	16	16	23.5	23.5				
		TR-12	16X24 (0.10~0.30)	19	19	26.7	25.5				
5	17	TR-05	10x16 (0.15~0.20)	7.9	无	15.5	无	50.7	32.1	33	M25X1
		TR-06	10X16 (0.15~0.20)	9.5	无	17.1	无				
		TR-07	10x16 (0.12~0.20)	11.1	11.1	18.7	18.7				
		TR-08	16X24 (0.12~0.25)	12.7	12.7	20.3	20.3				
		TR-10	16X24 (0.10~0.30)	16	16	23.5	23.5				
		TR-12	16x24 (0.10~0.30)	19	19	26.7	26.7				
6	19	TR-14	24X30 (0.10~0.30)	22.2	无	30	无	53.5	35.1	33	M28X1
		TR-08	16x24 (0.12~0.25)	12.7	12.7	20.3	20.3				
		TR-10	16X24 (0.10~0.30)	16	16	23.5	23.5				
		TR-12	16X24 (0.10~0.30)	19	19	26.7	26.7				
		TR-16	24X30 (0.10~0.30)	25.4	25.4	33	32				
7	21	TR-08	16X24 (0.12~0.25)	12.7	12.7	20.3	20.3	55.7	38.1	39	M31X1
		TR-10	16X24 (0.10~0.30)	16	16	23.5	23.5				
		TR-12	16X24 (0.10~0.30)	19	19	26.7	26.7				
		TR-14	24X 30 (0.10~0.30)	22.2	22.2	30	30				
		TR-16	24X 30 (0.10~0.30)	25.4	25.4	33	33				
		TR-18	30X40 (0.10~0.30)	28.5	无	36.2	无				
8	23	TR-10	16X24 (0.10~0.30)	16	16	23.5	23.5	58.2	41.1	39	M34X1
		TR-12	16X24 (0.10~0.30)	19	19	26.7	26.7				
		TR-14	24X30 (0.10~0.30)	22.2	22.2	30	30				
		TR-16	24X 30 (0.10~0.30)	25.4	25.4	33	33				
		TR-18	30X40 (0.10~0.30)	28.5	28.5	36.2	36.2				
		TR-20	30X40 (0.10~0.30)	31.8	无	39.4	无				
9	25	TR-10	16X24 (0.10~0.30)	16	无	23.5	无	63.7	44.1	44	M37X1
		TR-12	16X24 (0.10~0.30)	19	19	26.7	26.7				
		TR-14	24X30 (0.10~0.30)	22.2	22.2	30	30				
		TR-16	24X30 (0.10~0.30)	25.4	25.4	33	33				
		TR-18	30X40 (0.10~0.30)	28.5	28.5	36.2	36.2				
		TR-20	30X40 (0.10~0.30)	31.8	31.8	39.4	39.4				
		TR-22	30X40 (0.10~0.30)	35	35	42.5	42				



JY599III-xxFJB00F (屏蔽不夹紧线缆附件)

JY599III-xxFJB00F shielded, non-clamping accessories

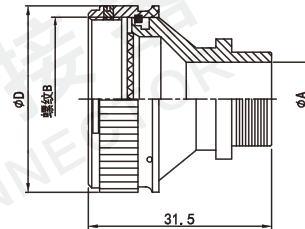
附件型号 Part number	A	螺纹B Thread	D
JY599III-11FJB00F	23	M15X1	6.5
JY599III-15FJB00F	30	M22X1	12.5
JY599III-17FJB00F	33	M25X1	19.5
JY599III-21FJB00F	39	M31X1	25.5



JY599III xxFJC00 (屏蔽不夹紧线缆附件)

JY599III xxFJC00 shielded, non-clamping accessories

壳体号 Shell Code	A出线口直径 Cable diameter	螺纹B Thread	D	适配Ti-Ni环型号 Compatible with Ti-Ni ring model
11	7.9	M15X1	19.0	TR-05
13	9.5	M18X1	22.8	TR-06
15	12.7	M22X1	25.8	TR-08
17	16.0	M25X1	29.2	TR-10
19	19.0	M28X1	32.0	TR-12
21	22.2	M31X1	35.1	TR-14
23	25.4	M34X1	38.2	TR-16



型号举例

JY599III 11FJC00F-7.9为不带Ti-Ni环的型号。当需要配套Ti-Ni环时，型号为JY599III 11FJC00FA-05。

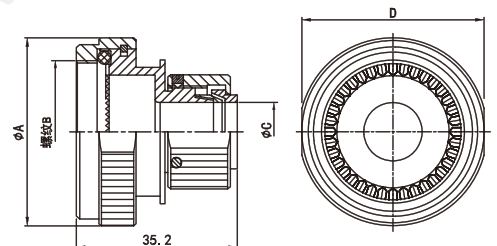
Model number examples

JY599III 11FJC00F-7.9 without Ti-Ni ring. With Ti-Ni ring JY599III 11FJC00FA-05.

JY599III xxFJE00 (屏蔽不夹紧线缆附件)

JY599III xxFJE00 shielded, non-clamping accessories

壳体号 Shell code	A	螺纹B Thread	C出线口直径 Cable diameter	D
09	22	M12X1	6.3、7.9、9.5	20
11	25	M15X1	6.3、7.9、9.5、11.1、12.7	23
13	28	M18X1	6.3、7.9、9.5、11.1、12.7、16	27
15	32	M22X1	7.9、9.5、11.1、12.7、16、19	30
17	35	M25X1	7.9、9.5、11.1、12.7、16、19、22.2	33
19	38	M28X1	12.7、16、19、22.2、25.4	36
21	41	M31X1	12.7、16、19、22.2、25.4、28.5	39
23	44	M34X1	16、19、22.2、25.4、28.5、31.8	42
25	47	M37X1	19、22.2、25.4、28.5、31.8、35	45



GJB599III系列(MIL-DTL-38999III系列)电连接器

GJB599III series (MIL-DTL-38999III series) electrical connectors

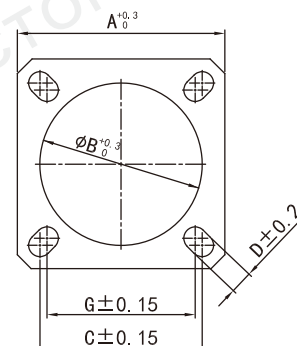


慈溪市大发精密连接器有限公司
Cixi Dafa Precise Linker Co.,Ltd

方盘胶垫

Rubber gasket

适配壳体号 Shell code	方盘胶垫代号 Gasket code	导电方盘胶垫代号 Conductive gasket	A	B	C	G	D
A	21E8-701-885-A1	21E8-701-886-A2	23.9	16.1	18.26	15.09	3.3
B	21E8-701-887-A1	21E8-701-888-A2	26.3	19.2	20.62	18.26	3.3
C	21E8-701-889-A1	21E8-701-890-A2	28.7	22.4	23.01	20.62	3.3
D	21E8-701-891-A1	21E8-701-892-A2	31.1	25.6	24.61	23.01	3.3
E	21E8-701-893-A1	21E8-701-894-A2	33.4	30.4	26.97	24.61	3.3
F	21E8-701-895-A1	21E8-701-896-A2	36.6	32.0	29.36	26.97	3.3
G	21E8-701-897-A1	21E8-701-898-A2	39.8	34.9	31.75	29.36	3.3
H	21E8-701-899-A1	21E8-701-900-A2	43.0	38.3	34.93	31.75	4.0
J	21E8-701-901-A1	21E8-701-902-A2	46.1	41.4	38.1	34.93	4.0



注：随产品提供普通方盘胶垫，如需导电方盘胶垫，请在订货时注明。

Note: Standard gasket: Included free with connector (non-conductive);

Conductive gasket: Must be specified during ordering (additional cost).

GJB599III 系列选用的特殊接触件

GJB599 series III connectors special contacts

规格类型 Contact type	美标型号 U.S. MIL-SPEC	国军标型号 Chinese standard	备注 Notes
12#插针 Pin	M39029/58-365	J1216/58-365	
12#插孔 Socket	M39029/56-353	J1216/56-353	
12#插针 Pin	M39029/107-623	J1216/107-623	
12#插孔 Socket	M39029/106-617	J1216/106-617	
12#屏蔽插针 Shielded pin	M39029/28-211	J1216/28-211	
	M39029/28-412	J1216/28-412	
12#屏蔽插孔 Shielded socket	M39029/75-416	J1216/75-416	
	M39029/75-422	J1216/75-422	
12 #同轴插针 Coaxial pin	M39029/102-558	J1216/102-558	
12#同轴插孔 Coaxial socket	M39029/103-559	J1216/103-559	
8#双同轴插针 Twinaxial pin	M39029/90-529	J1216/90-529	
8#双同轴插孔 Twinaxial socket	M39029/91-530	J1216/91-530	
8#模拟接触件 Contact simulator		J1784A/80-8	
12#模拟接触件 Contact simulator		J1784A/80-12	
8#封严塞 Sealing plug	MS27488-8	JY27488-8	白色 / White
10#封严塞 Sealing plug	MS27488-10	JY27488-10	白色 / White
12#封严塞 Sealing plug	MS27488-12	JY27488-12	黄色 / Yellow
16#封严塞 Sealing plug	MS27488-16	JY27488-16	蓝色 / Blue
20#封严塞 Sealing plug	MS27488-20	JY27488-20	红色 / Red
22D封严塞 Sealing plug	MS27488-22	JY27488-22	黑色 / Black