

CH127系列连接器

CH127 series connectors

HST-Tech 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。具有标准化的屏蔽功能，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

- 接触电阻：5mΩ
- 绝缘电阻：5000mΩ
- 接触直径：1.00mm
- 工作电流：7A
- 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

- Contact resistance:5mΩ
- Insulation resistance:5000mΩ
- Contact dia:1.00 mm
- Operating current:7A
- 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

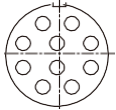
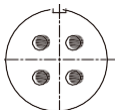
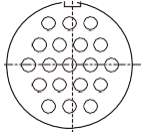
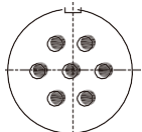
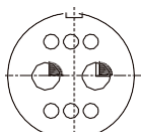
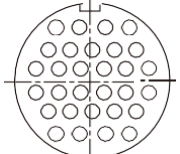
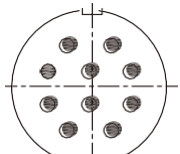
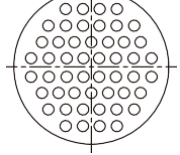
命名

	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 staight 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)

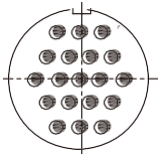
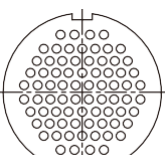
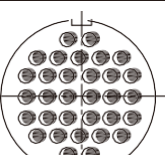
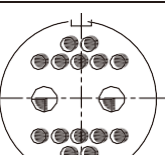
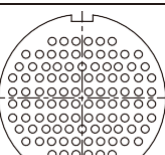
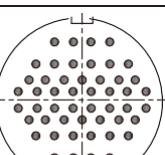
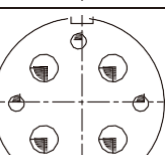
壳体号 Shell No	型谱图 Pin arrangement	接触件数目 No. of contacts	接触件规格 Contacts size	工作电流 Working current (A)	额定电流 Rated current (A)	最大工作电压 Working voltage lax (V)
10		10	Ø0.6	1.8	3.0	150
		4	Ø1.0	3.7	7.0	250
12		19	Ø0.6	1.7	3.0	150
		7	Ø1.0	3.1	7.0	250
		6	Ø0.6	0.5	3.0	150
		2	Ø2.0	10	15	
14		30	Ø0.6	1.4	3.0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

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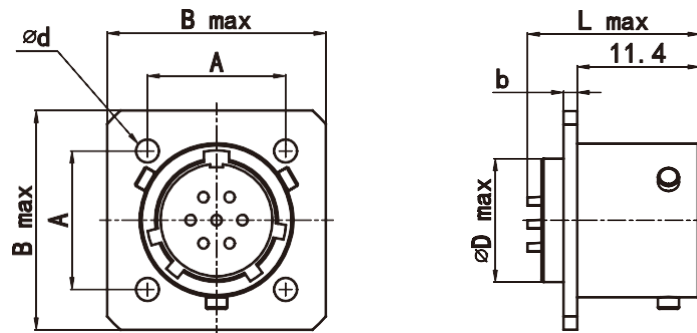
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壳体号 Shell No	型谱图 Pin arrangement	接触件数目 No. of contacts	接触件规格 Contacts size	工作电流 Working current (A)	额定电流 Rated current (A)	最大工作电压 Working voltage lax (V)
18		19	Ø1.0	2.1	7.0	250
		1	Ø5.5	65	65	700
22		76	Ø0.6	0.8	3.0	150
		32	Ø1.0	1.8	7.0	250
		14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

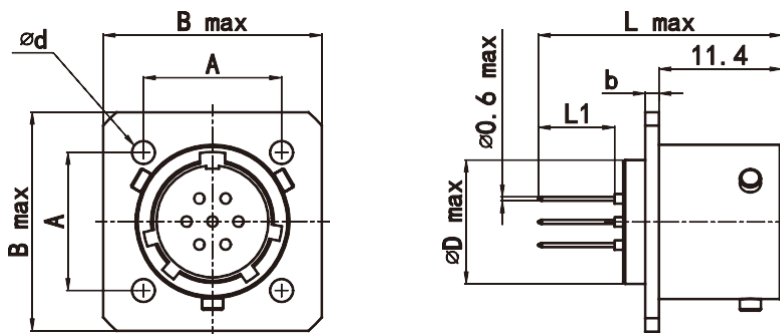
○ Ø0.6接触件 ● Ø1.0接触件 ◐ Ø1.5接触件 ◑ Ø2.0接触件 ◒ Ø3.5接触件 ◓ Ø5.5接触件
 ○ Ø0.6Contacts ● Ø1.0Contacts ◐ Ø1.5Contacts ◑ Ø2.0Contacts ◒ Ø3.5Contacts ◓ Ø5.5Contacts

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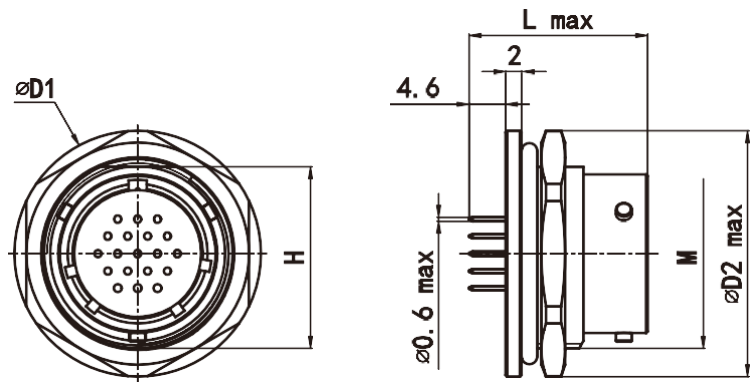
壳体号 Shell No.	A	B	Ød	ØD	b	L1	L
10	11.8	20	2.2	10	1.4	11.4	26
12	13.2	21	2.2	12	1.4	11.4	26
14	15.0	24	2.2	14	1.4	11.7	26
18	18.0	27	2.2	18	1.4	11.4	26
22	21.5	31	2.7	22	1.8	11.4	26
27	26.0	36	3.2	27	2.0	11.4	26



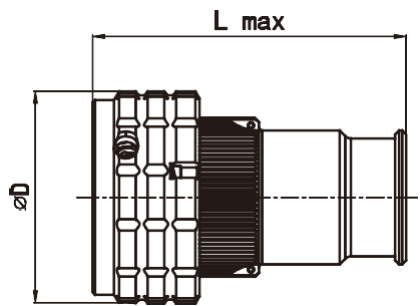
壳体号 Shell No.	A	B	Ød	ØD	b	L(Ø0.6接触件) (Ø0.6 Contacts)	L(Ø1.0接触件) (Ø1.0 Contacts)	L1(Ø0.6接触件) (Ø0.6 Contacts)	L1(Ø1.0接触件) (Ø1.0 Contacts)	L2
10	11.8	20	2.2	10	1.4	23.9	23.4	7.5	3.5	11.4
12	13.2	21	2.2	12	1.4	23.9	23.4	7.5	3.5	11.4
14	15.0	24	2.2	14	1.4	23.9	23.4	7.5	3.5	11.7
18	18.0	27	2.2	18	1.4	23.9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

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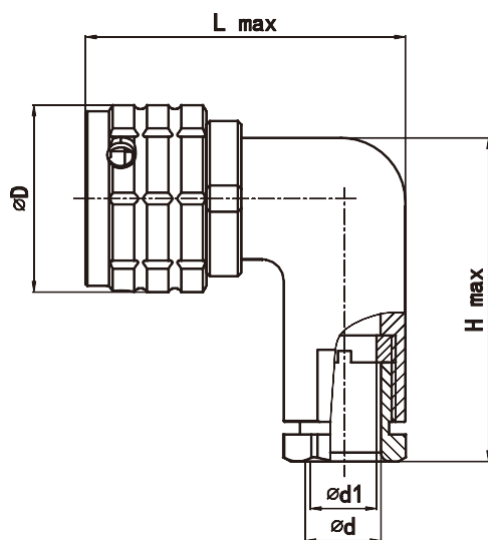
壳体号 Shell No.	$\varnothing D1$	$\varnothing D2$	M	H	L($\varnothing 0.6$ 接触件) ($\varnothing 0.6$ Contacts)	L($\varnothing 1.0$ 接触件) ($\varnothing 1.0$ Contacts)
10	24	25.4	M18X0.75	17	23.9	23.4
12	25	27.8	M20X0.75	19	23.9	23.4
14	28	31.2	M22X0.75	21	23.9	23.4
18	31	31.2	M24X0.75	23	23.9	23.4
22	35	37.0	M30X0.75	29	23.9	23.4
27	40	41.6	M33X0.75	32	23.9	23.4



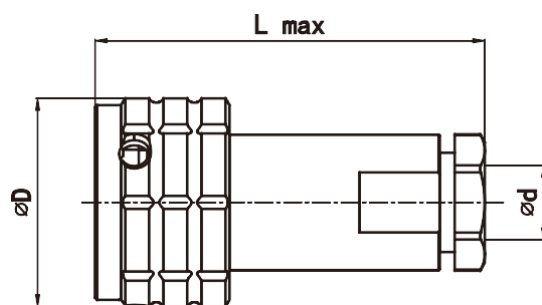
壳体号 Shell No.	$\varnothing D$	L
10	20	33
12	21	33
14	24	33
18	27	41
22	31	42
27	36	45

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壳体号 Shell No.	$\varnothing D$	$\varnothing d$	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

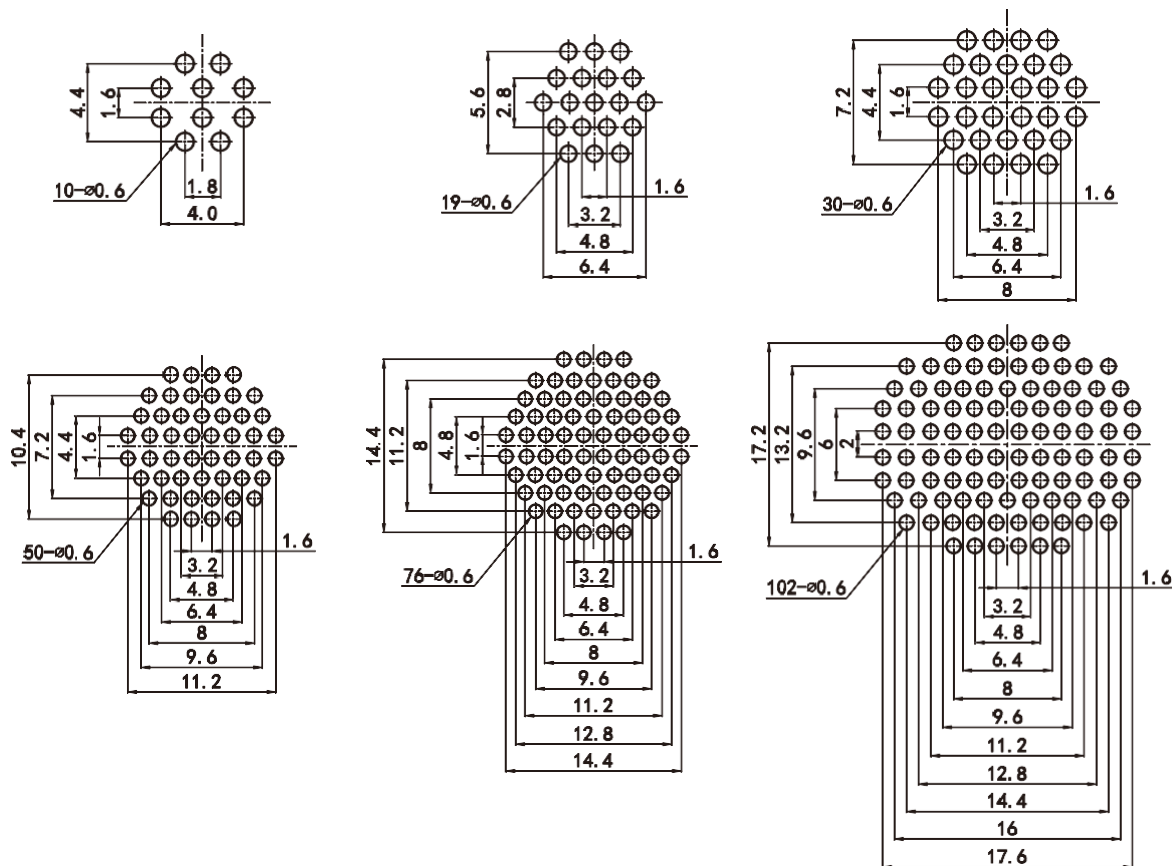


壳体号 Shell No.	$\varnothing D$	$\varnothing d$	L
10	20	6	26.5
12	21	8	28.5
14	24	9	31.5
18	27	11	34.5
22	31	13	35.5
27	36	16	39.5

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印制板开孔尺寸 ($\varnothing 0.6$ 接触件) Hole patterns on printed circuit boards for mounting. ($\varnothing 0.6$ Contacts)



印制板开孔尺寸 ($\varnothing 1.0$ 接触件) Hole patterns on printed circuit boards for mounting. ($\varnothing 1.0$ Contacts)

