

1.View and size(视图及尺寸)

Main technical indicators(主要技术指标)

1.Mating (插拔次数)	5000
2.Working Temperature (温度)	-55~+150 ℃
3.IP Rating (防护级别)	IP 50
4.Diameter of socket end(插合端直径)	φ1.3
5.Testing Voltage (测试电压)	1300V
6.Working Voltage (工作电压)	1550V
7.Rated Current (额定电流)	12A
8.Shell material(壳体材质)	Brass (chromium plating) shell and chuck nut/(nickel plating) pin sleeve and middleware/黄铜 (镀铬) 外壳和夹头螺母/ (镀镍) 插销套和中间件
9.Pin Material(插针材料)	Copper alloy gold plating(铜合金镀金)
10.Insulator material(绝缘体材质)	PPS

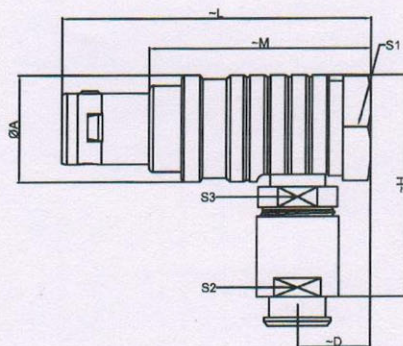
Sum up(总结)

Series(系列)	B
Shell style/model (外壳样式/型号)	THG: Elbow plug, cable collet/ 电缆夹头弯头
Button (按键)	A button(一个按键)
Termination type (终止类型)	Male solder(公焊锡)
Line diameter awg(线材直径)	28-20AWG
Cable diameterφ (电缆直径)	φ4.3-5.2MM
Matching parts(配件)	ZGG.1B.P03.CLL

Location pin combination(定位销组合)

(编号) Number	Number of positioning pins(定 位销数量)	Angle(角度)	Series(系列)-1B
G	One(1)		(Zero degrees)0°
A	Two(2)	A	Thirty degrees(30°)
B	Two(2)		Sixty degrees(60°)
C	Two(2)		Ninety degrees(90°)
D	Two(2)		135 degrees(135°)
E	Two(2)	β	145 degrees(145°)
F	Two(2)		155 degrees(155°)
J	Two(2)	γ	Forty-five degrees(45°)
K	Two(2)		Seventy degrees(70°)
L	Two(2)		80 degrees(80°)

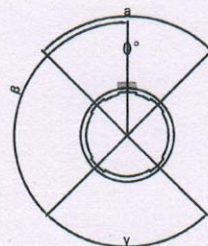
	A	B	C√	ANGLE
5-10	±0.02	±0.05	±0.1	0°-30° ±0.1°
50-100	±0.1	±0.15	±0.2	61°-90° ±0.5°
50-100	±0.15	±0.2	±0.25	
100-	±0.15%	±0.20%	±0.25%	



	A	D	H	L	M	S1	S2	S3
MM	13.5	8	29.5	36.0	25	11	9	10
in	0.5315	0.315	1.1614	1.4173	0.9843	0.4331	0.3543	0.3937



Welded surface
(焊接面)



Positive view
(正视图)



Solder core
(焊接型公胶芯)

TH G. 1B. P03.C L A D 52 H

Model(型号)

Positioning pin(定位销)

Series(系列)

Needle core configuration(针芯配置)

Outer casing(外壳)

Insulator(绝缘体)

Needle core(针芯)

Type of clamp(线夹类型)

Cable diameter(电缆直径)

SH means a sheath type, not a cover type.

(H表示护套型, 不表示为不带护套型)

DESIGNED(设计)	DATE(日期)	SCALE(比例)	N/A(不适用)	MODEL TYPE 型号类型: THG.1B.P03.CLLAD.52H
CHECKED(校对)	DATE(日期)	VIEW(视图)		PART NO. 1B3-core plug 名称: 1B3芯插头
APPROVED(审核)	DATE(日期)	UNIT(单位)	MM	DWG NO.:
REVISIONS		MATERIAL (材料)		WEIGHT(重量) SHEET(表) REVISION(修订)
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