

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 67
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)/(nickel plating) fixation ring/ 黄铜 (镀铬) /(镀镍) 固定圈
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)	HGG:Fixed receptacle, nut fixing, watertight or vacuum-tight/固定插座, 螺母固定, 水密或真空密
Button (按键)	A button(一个按键)
Termination type (终止类型)	Mother solder tin(母焊锡)
Line diameter awg(线材直径)	28-20AWG
Cable diameterφ (电缆直径)	φ2.3-7.6MM
Match plug(匹配插头)	TGG.1B.P03.CLAD52H

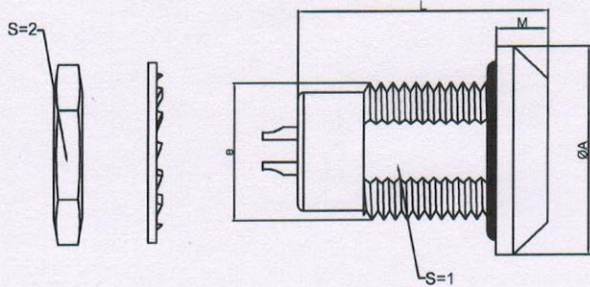
Location pin combination (定位销组合)			
(编号) Number	Number of positioning pins(定位销数量)	Angle(角度)	Series(系列)-1B
G	One(1)		(Zero degrees)0°
A	Two(2)	A	Thirty degrees(30°)
B	Two(2)		Sixty degrees(60°)
C	Two(2)		Ninety degrees(90°)
D	Two(2)	β	135 degrees(135°)
E	Two(2)		145 degrees(145°)
F	Two(2)		155 degrees(155°)
J	Two(2)	Y	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%	

DESIGNED(设计)		DATE(日期)	
CHECKED(校对)		DATE(日期)	
APPROVED(审核)		DATE(日期)	

REVISIONS

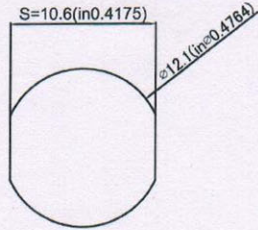
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	A	L	E	M	S1	S2
MM	18	22.5	M12*1	4.5	10.5	14
in	0.7087	0.8858		0.1772	0.4134	0.5512



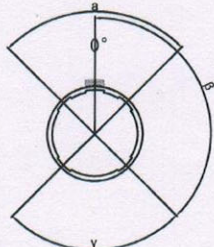
Welded surface (焊接面)



Pane hole size (面板开孔尺寸)



(Welded mother adhesive core) 焊接型母胶芯



Positive view of the socket (插座正视图)

Model(型号) HG G.1B.P03.C L L
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)

SCALE(比例)	N/A(不适用)	MODEL TYPE 型号类型: HGG.1B.P03.CLL
VIEW(视图)		PART NO. 1B3 core socket 名称: 1B3芯插座
UNIT(单位)	MM	DWG NO.:
MATERIAL (材料)		WEIGHT(重量) SHEET(表) REVISION(修订)
		1/1 A0

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