

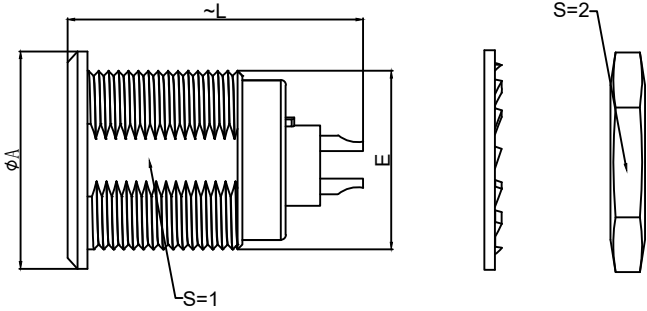
1.View and size(视图及尺寸)

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)	$\frac{\phi 0.3}{\phi 0.7}$ mm
5.Vtest (AC) /测试电压(交流)	$\frac{1500}{1500}$ V
6.Vtest (DC) /测试电压(直流)	$\frac{2100}{2100}$ V
7.Rated Current (额定电流)	$\frac{10}{7}$ A
8.Shell material(壳体材质)	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces /黄铜 (镀铬) 外壳和夹头螺母, 镀镍黄铜锁套和中间件
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

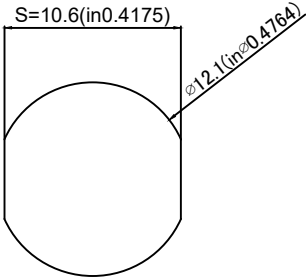
Sum up(总结)	
Series(系列)	B
Shell style/model (外壳样式/型号)	ZRA: Fixed receptacle, nut fixing/固定插座, 螺母固定
Button (按键)	Hermaphroditic keying (half moon insert) with female pin 1/雌雄同体键控 (半月形插入), 带母销1
Termination type (终止类型)	Mother solder tin(母焊锡)
Line diameter awg(线材直径)	30AWG-22AWG
Cable diameter ϕ (电缆直径)	ϕ 1.2-8.5MM
Match plug(匹配插头)	TFA.1S.P05.CLAD32

Sum up(总结)	
Humidity (max)/湿度最大	<=95% [at 60 deg C /140 F] /<=95%[在60摄氏度/140摄氏度时]
Vibration/震动	15g [10 Hz - 2000 Hz]
Shock Resistance/抗冲击性	100 g [6 ms]
Climatical Category /气候类别	50/175/21
Salt Spray Corrosion/盐雾测试	>48 hr />48小时

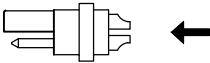
	A	B	C $\sqrt$	ANGLE	
5-10	± 0.02	± 0.05	± 0.1	0°-30°	$\pm 0.1^{\circ}$
50-100	± 0.1	± 0.15	± 0.2	61°-90°	$\pm 0.5^{\circ}$
50-100	± 0.15	± 0.2	± 0.25		
100-	$\pm 0.15\%$	$\pm 0.20\%$	$\pm 0.25\%$		



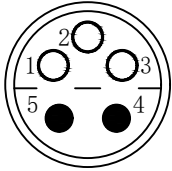
	A	L	E	S1	S2
MM	$\phi 14$	21.0	M12*1	10.5	14
in	$\phi 0.55$	0.83		0.41	0.55



Pane hole size
(面板开孔尺寸)



Welded master rubber core
(焊接型母胶芯)



Welded surface
(焊接面)

ZRA.1S.P05.C L L

Model(型号)

Series(系列)

Needle core configuration(针芯配置)

Outer casing(外壳)

Insulator(绝缘体)

Needle core(针芯)

DESIGNED(设计)		DATE(日期)		SCALE(比额)	N/A(不适用)	MODEL TYPE 型号类型: ZRA.1S.P05.CLL
CHECKED(校对)		DATE(日期)		VIEW(视图)		PART NO. 1S5-core socket 名称: 1S5芯插座
APPROVED(审核)		DATE(日期)		UNIT(单位)	MM	DWG NO.:
REVISIONS				MATERIAL (材料)		
www.xk-dg.cn www.helloxkb.com www.helloxkb.cn				XKB INDUSTRIAL PRECISION CO.,LIMITED		WEIGHT(重量) SHEET(表) REVISION(修订)
						1/1 A0