

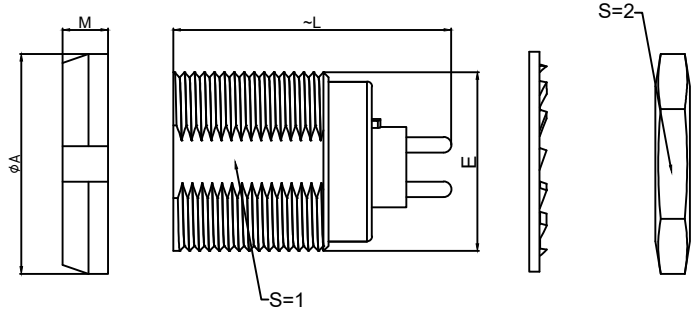
1.View and size(视图及尺寸)

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)	$\frac{\phi 13}{\phi 0.9}$ MM
5.Vtest (AC) /测试电压(交流)	$\frac{800}{800}$ V
6.Vtest (DC) /测试电压(直流)	$\frac{1200}{1200}$ V
7.Rated Current (额定电流)	$\frac{12}{9}$ 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

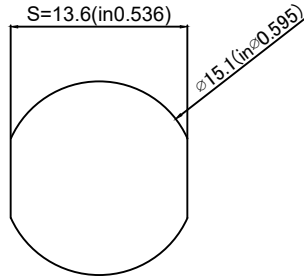
Sum up(总结)	
Series(系列)	B
Shell style/model（外壳样式/型号）	ZRD: Fixed receptacle with two nuts (back panel mounting)/带两个螺母的固定插座（背板安装）
Button（按键）	Hermaphroditic keying (half moon insert) with female pin 1/雌雄同体键控（半月形插入），带母销1
Termination type（终止类型）	Female print PCB(印刷PCB)
Line diameter awg(线材直径)	28AWG-20AWG
Cable diameter ϕ （电缆直径）	-
Match plug(匹配插头)	TFA.2S.P07.CLAD32

Sum up(总结)	
Humidity (max)/湿度最大	$\leq 95\%$ [at 60 deg C /140 F] / $\leq 95\%$ [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	M	S1	S2
MM	$\phi 20$	24.5	M15*1	3.5	13.5	17
in	0.79	0.96		0.14	0.53	0.67



Pane hole size
(面板开孔尺寸)

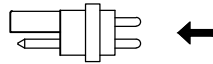
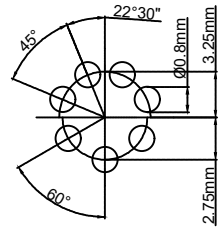
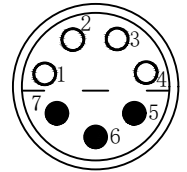


Plate joint master rubber core
(板接型母胶芯)



Pcb plate opening size
(PCB板开孔尺寸)



Welded surface
(焊接面)

ZRD.2S.P07.C L N

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: ZRD.2S.P07.CLN
CHECKED(校对)		DATE(日期)		VIEW(视图)		PART NO. 2S7-core socket 名称: 2S7芯插座
APPROVED(审核)		DATE(日期)		UNIT(单位)	MM	DWG NO.:
REVISIONS				MATERIAL (材料)		
www.helloxkb.com www.helloxkb.cn			XKB INDUSTRIAL PRECISION CO.,LIMITED			WEIGHT(重量) SHEET(表) REVISION(修订) 1/1 A0