

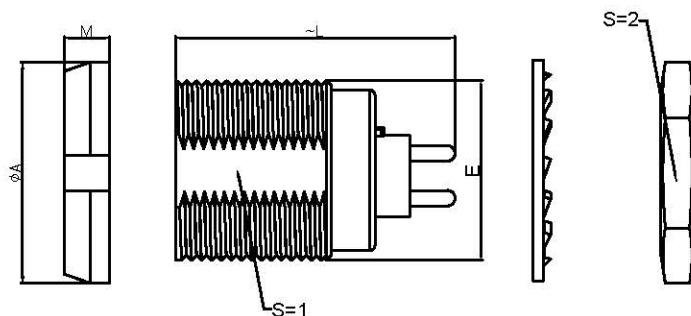
1.View and size(视图及尺寸)

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)	Ø1.6MM
5.Vtest (AC) /测试电压(交流)	1700V
6.Vtest (DC) /测试电压(直流)	2400V
7.Rated Current (额定电流)	20A
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

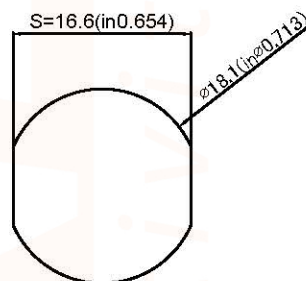
Sum up(总结)	
Series(系列)	B
Shell style/model (外壳样式/型号)	ZRD: Fixed receptacle with two nuts (back panel mounting)/带两个螺母的固定插座 (背板安装)
Button (按键)	Hermaphroditic keying (half moon insert) with female pin 1/雌雄同体键控 (半月形插入), 带母销1
Termination type (终止类型)	Female print PCB(印刷PCB)
Line diameter awg(线材直径)	28AWG-20AWG
Cable diameterφ (电缆直径)	-
Match plug(匹配插头)	TFA.3S.P10.CLAD10

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√	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%		



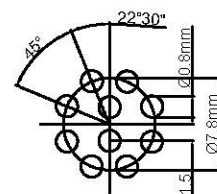
	A	L	E	M	S1	S2
MM	Ø24	29	M18*1	4.5	16.5	22
in	0.94	1.14		0.18	0.65	0.87



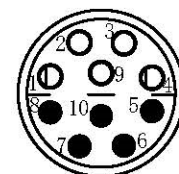
Panel hole size
(面板开孔尺寸)



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.3S.P10.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.3S.P10.CLN		
CHECKED (校对)		DATE(日期)		VIEW(视图)		PART NO. 3S10-core socket 名称: 3S10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