

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)	ø0.9MM				
5.Vtest (AC) /测试电压(交流)	1200V				
6.Vtest (DC) /测试电压(直流)	1800V				
7.Rated Current (额定电流)	10A				
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）	ZCP: Fixed receptacle with two nuts, long threaded shell (back panel mounting)/带两个螺母的固定插座，长螺纹外壳（后面板安装）					
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)	30AWG-22AWG					
Cable diameterø（电缆直径）	-					
Match plug(匹配插头)	TFA.1S.P03.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√	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	N	E	M	S1	S2
MM	ø16	17.5	M12*1	3.5	10.5	14
in	ø0.63	0.69		0.14	0.41	0.55

Pane hole size
(面板开孔尺寸)

Pcb plate opening size
(PCB板开孔尺寸)

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

Welded surface
(焊接面)

Model(型号) ZCP.1S.P03.C L N

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: ZCP.1S.P03.CLN
CHECKED (校对)		DATE(日期)		VIEW(视图)		PART NO. 1S3-core socket 名称: 1S3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