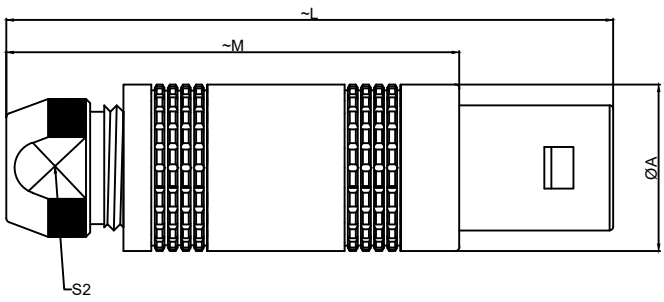
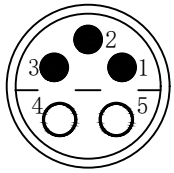
1.View and size(视图及尺寸)

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)	$\frac{\phi 2.0}{\phi 1.3}$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)	$\frac{18}{14}$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

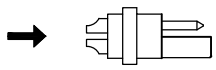


	A	L	M	S2
MM	17.8	61	46	14
in	0.7	2.4	1.81	0.55

Sum up(总结)	
Series(系列）	S
Shell style/model（外壳样式/型号）	TFP:Straight plug, cable collet and inner anti-rotating device/直插头、电缆夹头和内部防转装置
Button（按键)	Hermaphroditic keying (half moon insert) with male pin 1/带公销1的公母键控（半月形插入）
Termination type（终止类型）	Male solder(公焊锡)
Line diameter awg(线材直径)	22AWG-14AWG
Cable diameterφ（电缆直径）	φ3.3-4.2MM
Matching parts(配套零件)	ZRA.3S.P05.CLL



Welded surface
(焊接面)



Solder core
(焊接型公胶芯)

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%		

TFP. 3S. P05.C L A C 42

- 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)
- Type of clamp(线夹类型)
- Cable diameter(电缆直径)

DESIGNED(设计)		DATE(日期)		SCALE(比额)	N/A(不适用)
CHECKED(校对)		DATE(日期)		VIEW(视图)	
APPROVED(审核)		DATE(日期)		UNIT(单位)	MM
REVISIONS				MATERIAL （材料）	

MODEL TYPE
型号类型: TFP.3S.P05.CLAC.42
PART NO. 3S5-core plug
名称： 3S5芯插头
DWG NO.:

www.helloxkb.com www.helloxkb.cn	XKB INDUSTRIAL PRECISION CO.,LIMITED	WEIGHT(重量)	SHEET(表)	REVISION(修订)
			1/1	A0