

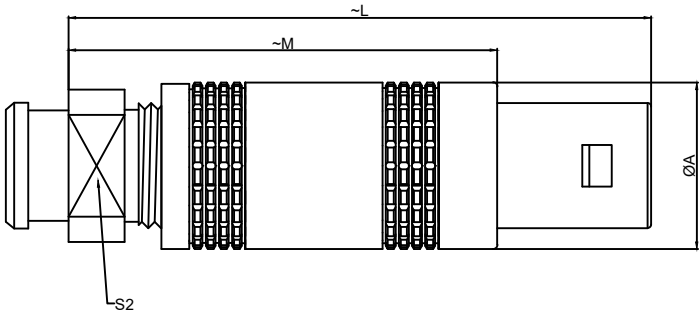
1.View and size(视图及尺寸)

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

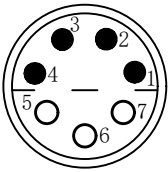
Sum up(总结)	
Series(系列)	S
Shell style/model（外壳样式/型号）	TFA:Straight plug, cable collet/直插式，电缆线夹
Button（按键）	Hermaphroditic keying (half moon insert) with male pin 1/带公销1的公母键控（半月形插入）
Termination type（终止类型）	Male solder(公焊锡)
Line diameter awg(线材直径)	28AWG-20AWG
Cable diameterφ（电缆直径）	φ4.3-5.2MM
Matching parts(配套零件)	ZRA.2S.P07.CLL

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

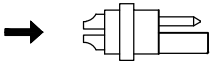
	A	B	C√	ANGLE	
5-10	±0.02	±0.05	±0.1	0°-30°	±0.1°
50-100	±0.1	±0.15	±0.2	61°-90°	±0.5°
50-100	±0.15	±0.2	±0.25		
100-	±0.15%	±0.20%	±0.25%		



	A	L	M	S2
MM	14.8	52	40	12
in	0.58	2.05	1.57	0.47



Welded surface
(焊接面)



Solder core
(焊接型公胶芯)

TFA. 2S. P07.C L A C 52 H

Model(型号)	TFA.
Series(系列)	2S.
Needle core configuration(针芯配置)	P07.
Outer casing(外壳)	C L
Insulator(绝缘体)	A C
Needle core(针芯)	52
Type of clamp(线夹类型)	H
Cable diameter(电缆直径)	
SH means a sheath type, not a cover type. (H表示护套型，不表示为不带护套型)	

DESIGNED (设计)		DATE(日期)		SCALE(比额)	N/A(不适用)	MODEL TYPE 型号类型: TFA.2S.P07.CLAC.52H
CHECKED (校对)		DATE(日期)		VIEW(视图)		PART NO. 2S7-core plug 名称: 2S7芯插头
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