

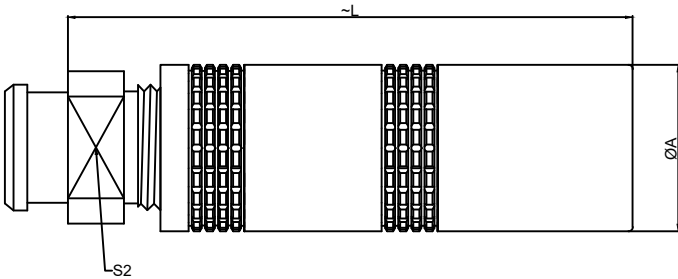
1.View and size(视图及尺寸)

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)	$\begin{smallmatrix} \phi 1.3 \\ \phi 0.9 \end{smallmatrix}$ 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)	$\begin{smallmatrix} 12 \\ 9 \end{smallmatrix}$ 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

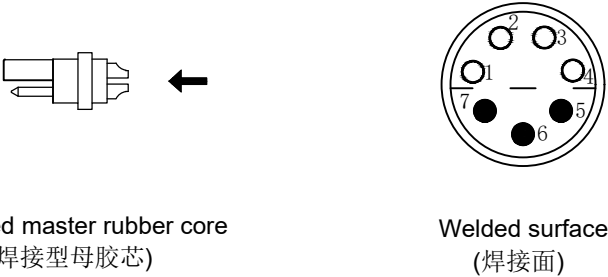
Sum up(总结)	
Series(系列)	S
Shell style/model (外壳样式/型号)	MCA: Free receptacle, cable collet /自式插座, 电缆夹头
Button (按键)	Hermaphroditic keying (half moon insert) with female pin 1/雌雄同体键控 (半月形插入), 带母销1
Termination type (终止类型)	Mother solder tin(母焊锡)
Line diameter awg(线材直径)	28AWG-20AWG
Cable diameter ϕ (电缆直径)	ϕ 3.3-4.2MM
Matching parts(配套零件)	TFA.2S.P07.CLAC.42

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	S2
MM	14.8	50	12
in	0.58	1.97	0.47



Welded master rubber core
(焊接型母胶芯)

Welded surface
(焊接面)

MCA. 2S. P07.C L L C 42 H					
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)					
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: MCA.2S.P07.CLLC.42H
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