

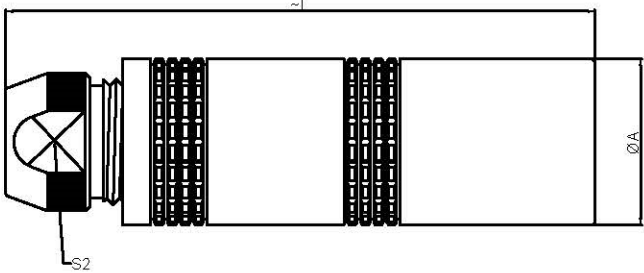
1.View and size(视图及尺寸)

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)	$\begin{smallmatrix} \phi 0.9 \\ \phi 0.7 \end{smallmatrix}$ mm
5.Vtest (AC) /测试电压(交流)	$\begin{smallmatrix} 1500V \\ 1500V \end{smallmatrix}$
6.Vtest (DC) /测试电压(直流)	$\begin{smallmatrix} 2100V \\ 2100V \end{smallmatrix}$
7.Rated Current (额定电流)	$\begin{smallmatrix} 10A \\ 7A \end{smallmatrix}$
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

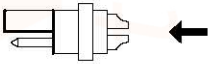
Sum up(总结)	
Series(系列)	S
Shell style/model (外壳样式/型号)	MCA: Free receptacle, cable collet /自式插座, 电缆夹头
Button (按键)	Hermaphroditic keying (half moon insert) with female pin 1/雌雄同体键控 (半月形插入), 带母销1
Termination type (终止类型)	Mother solder tin(母焊锡)
Line diameter awg(线材直径)	30AWG-22AWG
Cable diameterφ (电缆直径)	φ3.3-4.2MM
Matching parts(配套零件)	TFA.1S.P05.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

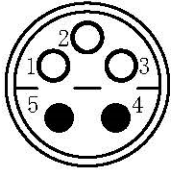
	A	B	C√	ANGLE	
5-10	±0.02	±0.05	±0.1	0°-30°	±0.1°
50-100	±0.1	±0.15	±0.2	61°-90°	±0.5°
50-100	±0.15	±0.2	±0.25		
100-	±0.15%	±0.20%	±0.25%		



	A	L	S2
MM	11.9	40.5	8.5
in	0.47	1.59	0.33



Welded master rubber core
(焊接型母胶芯)



Welded surface
(焊接面)

MCA. 1S. P05.C L L C 42

Model(型号)	MCA. 1S. P05.C L L C 42
Series(系列)	1S
Needle core configuration(针芯配置)	P05
Outer casing(外壳)	C
Insulator(绝缘体)	L
Needle core(针芯)	L
Type of clamp(线夹类型)	C
Cable diameter(电缆直径)	42

DESIGNED (设计)		DATE(日期)		SCALE(比例)	N/A(不适用)	MODEL TYPE 型号类型: MCA.1S.P05.CLLC.42
CHECKED (校对)		DATE(日期)		VIEW(视图)		PART NO. 1S5-core socket 名称: 1S5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