

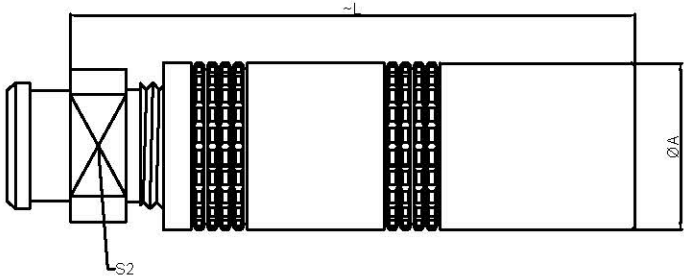
1.View and size(视图及尺寸)

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 (防护等级)	IP 50
4.Diameter of socket end(插合端直径)	$\phi 2.9$ $\phi 2.7$ mm
5.Vtest (AC) /测试电压(交流)	1500V 1500V
6.Vtest (DC) /测试电压(直流)	2100V 2100V
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

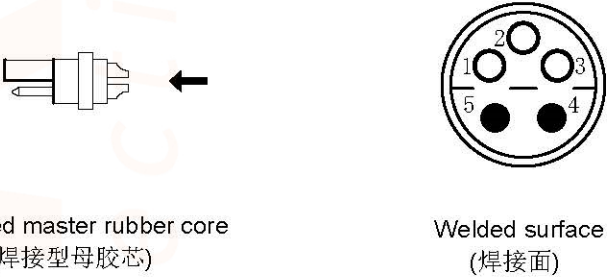
Sum up(总结)	
Series(系列)	S
Shell style/model (外壳样式/型号)	MCA: Free receptacle, cable collet /自式插座, 电缆夹头
Button (按键)	Hermaphroditic keying (half moon insert) with female pin 1/雌雄同体键控 (半月形插入), 带母销1
Termination type (终止类型)	Mother solder tin(母焊锡)
Line diameter awg(线材直径)	30AWG-22AWG
Cable diameter ϕ (电缆直径)	$\phi 2.3$ -3.2MM
Matching parts(配套零件)	TFA.1S.P05.CLAC.32

Sum up(总结)	
Humidity (max)/湿度最大	$\leq 95\%$ [at 60 deg C /140 F] / $\leq 95\%$ [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 $\sqrt$	ANGLE	
5-10	± 0.02	± 0.05	± 0.1	0°-30°	$\pm 0.1^\circ$
50-100	± 0.1	± 0.15	± 0.2	61°-90°	$\pm 0.5^\circ$
50-100	± 0.15	± 0.2	± 0.25		
100-	$\pm 0.15\%$	$\pm 0.20\%$	$\pm 0.25\%$		



	A	L	S2
MM	11.9	40.5	9
in	0.47	1.59	0.35



Welded master rubber core
(焊接型母胶芯)

Welded surface
(焊接面)

MCA. 1S. P05.C L L C 32 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(比例)	N/A(不适用)	MODEL TYPE 型号类型: MCA.1S.P05.CLLC.32H
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