

1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度: -55℃~150℃

Humidity(max)/最大潮湿: <=95% [at 60 deg C / 140 F]

Shielding /屏蔽性能: 75dB(10MHz) 40dB(1GHz)

Salt Spray Corrosion/盐雾: 96hr

Mechanical data/机械特性:

Vibration/振动: 15g[10Hz~2000Hz]

Shock Resistance/冲击: 100g[6ms]

Endurance (Shell)/机械寿命: 5000+

Cable/配接电缆: $\phi 7.1\text{mm}-\phi 8.0\text{mm}$

2. 电气性能

Insert Configuration/针芯配置: 2BP. 312 12Low Voltage

Pin Size/接触件直径: $\phi 0.7\text{mm}$

Contact resistance接触电阻: $\leq 12.5\text{m}\Omega$

Insulation resistance/绝缘电阻: 5000M Ω (测试电压500V(DC))

Withstand voltage/耐电压: 1250V(AC)

Rated working current额定工作电流: 7.0A

Other Specification/其它规格:

Contact PIN/接触体: Gold plated Tin bronze/锡青铜镀金

Housing Material/外壳材质: PEEK

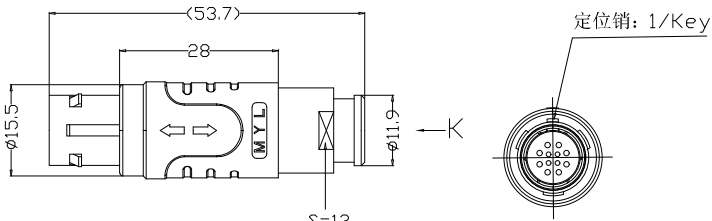
Other Shell Material/其它壳体材质: 铜镀镍

Insulator material/绝缘体材料: PEEK

IP Rating/防护等级: IP50

*ALL MATERIALS ARE RoHS COMPLIANT/所有材料均符合RoHS要求.

REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/绘图



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DRAWN BY: 绘图: P003	2024. 05. 28		美易连电子科技(深圳)有限公司		
CHECKED BY: 审核: Z01	2024. 05. 28		Meiyilian electronic technology (shenzhen) Co. ,Ltd.		
APPROVED BY: 核准: P005	2024. 05. 28				
GENERAL TOLERANCE (UNLESS SPECIFIED)			单位 UNIT: mm	名称	TG-2BP直式插头(护套套式尾帽)
$\leq 10 \pm 0.1$			比例 SCALE: 1: 1	PART NAME	TG-2BP Straight Plug (with jacketed tail cap)
$< 10^{\sim} \leq 20 \pm 0.15$			SIZE: A4	型号	TGG. 2BP. 312. KWKAD8SZ
$< 20^{\sim} \leq 50 \pm 0.3$			REV/版本	A1	SHEET: 1 OF 1
$AngTe \pm 1^{\circ}$					