

1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度: $-55^{\circ}\text{C} \sim 150^{\circ}\text{C}$

Humidity(max)/最大潮湿: $\leq 95\%$ [at $60^{\circ}\text{C} / 140^{\circ}\text{F}$]

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: $\phi 5.1\text{mm} - \phi 6.0\text{mm}$

2. 电气性能

Insert Configuration/针芯配置: 1BP. 312 12Low Voltage

Pin Size/接触件直径: $\phi 0.5\text{mm}$

Contact resistance接触电阻: $\leq 15\text{m}\Omega$

Insulation resistance/绝缘电阻: $5000\text{M}\Omega$ (测试电压500V(DC))

Withstand voltage/耐电压: 750V(AC)

Rated working current额定工作电流: 2.0A

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

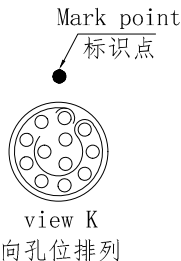
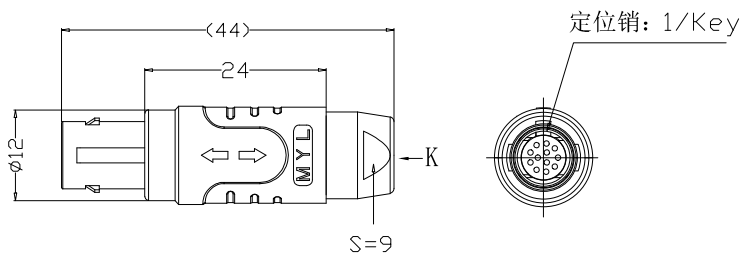
Other Shell Material/其它壳体材质: 铜镀镍

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.

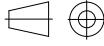
REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/绘图



DRAWN BY: 绘图: P003 2024.05.28
 CHECKED BY: 审核: Z01 2024.05.28
 APPROVED BY: 核准: P005 2024.05.28



美易连电子科技(深圳)有限公司
 Meiyilian electronic technology (shenzhen) Co., Ltd.

 FIRST ANGLE PROJECTION	单位 UNIT: mm	名称 PART NAME	TG-1BP直式插头(不带护套式尾帽) TG-1BP Straight Plug (without jacketed tail cap)
	比例 SCALE: 1:1		
尺寸 SIZE: A1	型号 PART NAME	TGG. 1BP. 312. KWKAD62	
REV/版本 A1	SHEET: 1 OF 1		