

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: $<=95\%$ [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: $\phi 1.1\text{mm} - \phi 5.0\text{mm}$

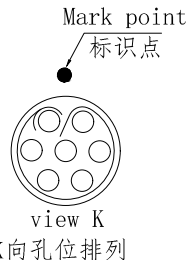
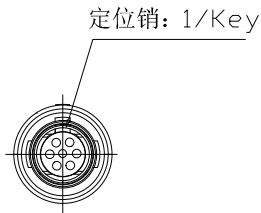
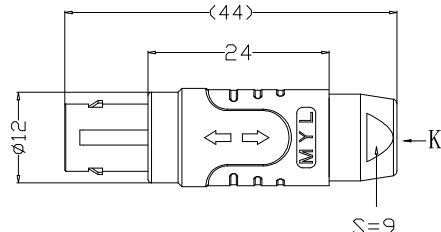
2. 电气性能

Insert Configuration/针芯配置: 1BP, 307 7Low 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: $5000\text{M}\Omega$ (测试电压500V(DC))
 Withstand voltage/耐电压: 950V(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.



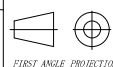
REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/绘制

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GENERAL TOLERANCE (UNLESS SPECIFIED)
$\leq 10 \pm 0.1$
$< 10^{\circ} \sim \leq 20^{\circ} \pm 0.15$
$< 20^{\circ} \sim \leq 30^{\circ} \pm 0.3$
Angle $\pm 1^{\circ}$



单位
UNIT: mm

名称
PART NAME

比例
SCALE: 1: 1

型号
PART NAME

REV/版本

A1

SHEET: 1 OF 1

TG-1BP直式插头(不带护套式尾帽)
 TG-1BP Straight Plug
 (without jacketed tail cap)

TGG. 1BP. 307. KWKAD52