

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 $60\text{ deg C} / 140\text{ F}$]
 Shielding /屏蔽性能: $75\text{dB}(10\text{MHz})\ 40\text{dB}(1\text{GHz})$
 Salt Spray Corrosion/盐雾: 96hr

Mechanical data/机械特性:

Vibration/振动: $15\text{g}[10\text{Hz}\sim 2000\text{Hz}]$
 Shock Resistance/冲击: $100\text{g}[6\text{ms}]$
 Endurance (Shell)/机械寿命: $5000+$
 Cable/配接电缆: $\phi 3.4\text{mm}-\phi 4.3\text{mm}$

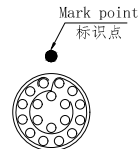
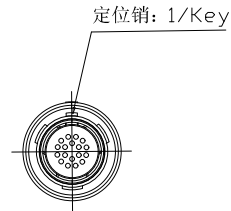
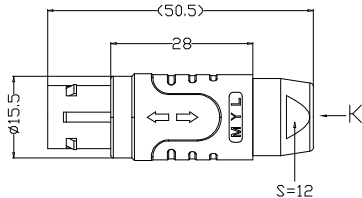
2. 电气性能

Insert Configuration/针芯配置: $2\text{BP}.318\ 18\text{Low Voltage}$
 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 $500\text{V}(\text{DC})$)
 Withstand voltage/耐电压: $850\text{V}(\text{AC})$
 Rated working current额定工作电流: 5.5A

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: PPS
 IP Rating/防护等级: IP50

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



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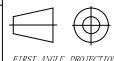
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|--------|------------------|---------|-------------|
| REV/版本 | DESCRIPTION/描述内容 | DATE/日期 | DRAWN BY/绘图 |
| | | | |

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



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GENERAL TOLERANCE
(UNLESS SPECIFIED)
 $\leq 10\ \pm 0.1$
 $< 10 \sim \leq 20\ \pm 0.15$
 $< 20 \sim \leq 50\ \pm 0.3$
 Angle $\pm 1^{\circ}$



FIRST ANGLE PROJECTION

| | | |
|------------------|-----------------|--|
| 单位 UNIT: mm | 名称 PART NAME | TG-2BP直式插头(不带护套式尾帽) TG-2BP Straight Plug (without jacketed tail cap) |
| 比例 SCALE: 1:1 | 型号 PART NAME | TGG.2BP.318.KWLAD45 |
| SIZE: A4 | | |