

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

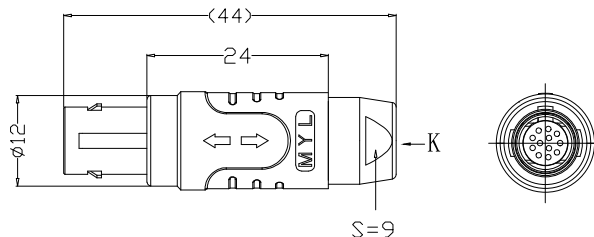
Mechanical data/机械特性:

Vibration/振动: 15g[10Hz~2000Hz]

Shock Resistance/冲击: 100g[6ms]

Endurance (Shell)/机械寿命: 5000+

Cable/配接电缆: $\phi 6.1\text{mm}-\phi 7.0\text{mm}$



2. 电气性能

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

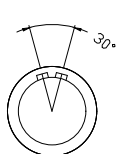
Pin Size/接触件直径: $\phi 0.5\text{mm}$

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

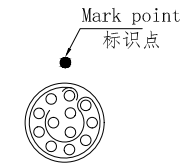
Insulation resistance/绝缘电阻: 5000M Ω (测试电压500V(DC))

Withstand voltage/耐压: 750V(AC)

Rated working current额定工作电流: 2.0A



Plug front view
插头前视图



view K
K向孔位排列

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


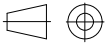
Other Shell Material/其它壳体材质: 铜镀镍

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.

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| REV/版本 | DESCRIPTION/描述内容 | DATE/日期 | DRAWN BY/制图 |
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|--|---|---|--|
| DRAWN BY: 绘图: P003 2024. 05. 28 CHECKED BY: 审核: Z01 2024. 05. 28 APPROVED BY: 批准: P003 2024. 05. 28 | |  美易连电子科技(深圳)有限公司 Meiyilian electronic technology (shenzhen) Co., Ltd. | |
| GENERAL TOLERANCE (UNLESS SPECIFIED) $\leq 10 \pm 0.1$ $< 10^\circ \leq 20^\circ \pm 0.15$ $> 20^\circ \leq 50^\circ \pm 0.3$ Angle $\pm 1^\circ$ |  FIRST ANGLE PROJECTION | 单位 (UNT: mm) | 名称 PART NAME |
| | | 比例 (SCALE): 1: 1 | TG-1BP 直式插头 (不带护套式尾帽) TG-1BP Straight Plug (without jacketed tail cap) |
| REV/版本 A1 | SIZE: A4 SHEET: 1 OF 1 | 型号 PART NAME | TGA. 1BP. 312. KWKAD72 |