

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: Ø4.4mm-Ø5.3mm

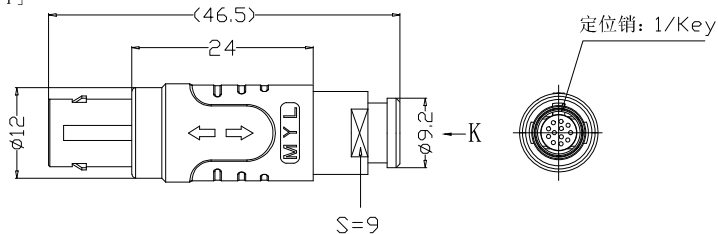
2. 电气性能

Insert Configuration/针芯配置: 1BP, 312 12Low Voltage
 Pin Size/接触件直径: Ø0.5mm
 Contact resistance接触电阻: ≤15mΩ
 Insulation resistance/绝缘电阻: 5000MΩ (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:

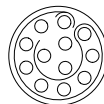
Contact PIN/接触体 : Gold plated Tin bronze/锡青铜镀金
 Housing Material/外壳材质 : PEEK
 Other Shell Material/其它壳体材质: 铜镀镍
 Insulator material/绝缘体材料: PEEK
 IP Rating/防护等级 : IP50

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



Mark point

标识点



view K

K向孔位排列

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|--------------------------|------------|
| DRAWN BY: 绘图: P003 | 2024.05.28 |
| CHECKED BY: 审核: Z01 | 2024.05.28 |
| APPROVED BY: 核准: P003 | 2024.05.28 |



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|---|-------|
| GENERAL TOLERANCE (UNLESS SPECIFIED) | |
| ≤10 | ±0.1 |
| <10° ≤20 | ±0.15 |
| <20° ≤30 | ±0.3 |
| Ang Fe | ±1° |



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|--------|----|
| REV/版本 | A1 |
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|-------------------|-----------|--|
| 单位 UNIT: mm | 名称 | TG-1BP直式插头(带护套式尾帽) |
| 比例 SCALE: 1: 1 | PART NAME | TG-1BP Straight Plug (with jacketed tail cap) |
| 型号 SIZE: A4 | 型号 | TGG. 1BP. 312. KWKAD5SZ |
| SHEET: 1 OF 1 | PART NAME | |

1 2 3 4 5 6 7 8