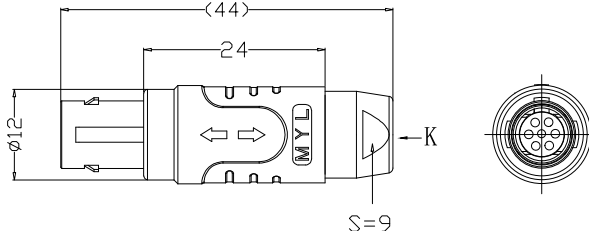


1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度: -55°C~150°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: ϕ 2.4mm- ϕ 3.3mm



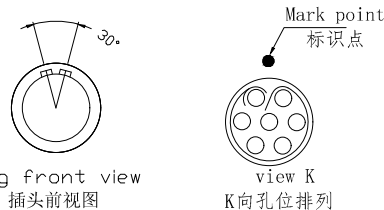
2. 电气性能


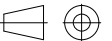
Insert Configuration/针芯配置: 1BP.307 7Low Voltage
 Pin Size/接触件直径: ϕ 0.7mm
 Contact resistance接触电阻: \leq 12.5m Ω
 Insulation resistance/绝缘电阻: 5000M Ω (测试电压500V(DC))
 Withstand voltage/耐电压: 950V(AC)
 Rated working current额定工作电流: 7.0A

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.



| | | | | | |
|--|--|--|-------------------|-----------------|--|
| DRAWN BY: 绘图: P003 2024.05.28 | |  美易连电子科技(深圳)有限公司 Meiyilian electronic technology(shenzhen)Co.,Ltd. | | | |
| CHECKED BY: 审核: Z01 2024.05.28 | | | | | |
| APPROVED BY: 核准: P005 2024.05.28 | | | | | |
| 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-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 | 型号 PART NAME | |
| | | SIZE: A4 | SHEET: 1 OF 1 | 型号 PART NAME | TGA. 1BP. 307. KWKAD35 |
| | | REV/版本 A1 | | | |