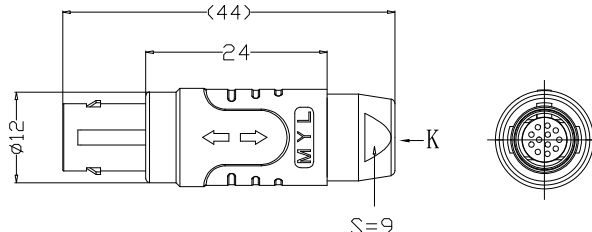


1. Product main performance/产品主要性能指标:

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: ϕ 5.1mm- ϕ 6.0mm



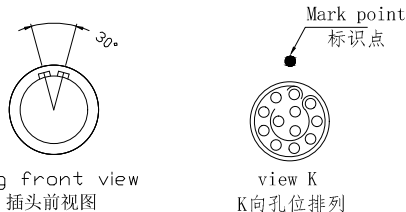
2. 电气性能

Insert Configuration/针芯配置: 1BP. 312 12Low Voltage
 Pin Size/接触件直径: ϕ 0.5mm
 Contact resistance接触电阻: \leq 15m Ω
 Insulation resistance/绝缘电阻: 5000M Ω (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.



Plug front view
插头前视图

view K
K向孔位排列

| | | | | | |
|---|--|---|------------------------|------------------|--|
| DRAWN BY: 绘图: P003 CHECKED BY: 审核: Z01 APPROVED BY: 核准: P005 | 2024.05.28 2024.05.28 2024.05.28 | 美易连电子科技(深圳)有限公司 Meiyilian electronic technology (shenzhen) Co., Ltd. | 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) |
| GENERAL TOLERANCE (UNLESS SPECIFIED) \leq 10 \pm 0.1 $< 10^{\circ}$ \leq 20 \pm 0.15 $< 20^{\circ}$ \leq 50 \pm 0.3 Angle \pm 1° | | | FIRST ANGLE PROJECTION | 比例 SCALE: 1:1 | |
| REV/版本 A1 | | SHEET: 1 OF 1 | TGA. 1BP. 312. KWKAD62 | | |