

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: $\phi 5.1\text{mm}$ - $\phi 6.0\text{mm}$

2. 电气性能

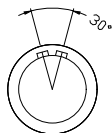
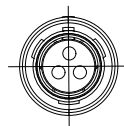
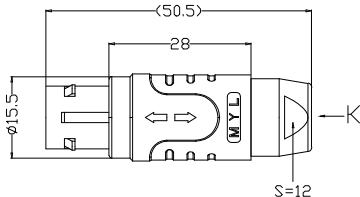
Insert Configuration/针芯配置: 2BP.303 3Low Voltage
 Pin Size/接触件直径: $\phi 1.6\text{mm}$
 Contact resistance接触电阻: $\leq 4\text{m}\Omega$
 Insulation resistance/绝缘电阻: 5000M Ω (测试电压500V(DC))
 Withstand voltage/耐电压: 2400V(AC)
 Rated working current额定工作电流: 17.0A

Other Specification/其它规格:

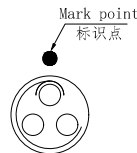
Contact PIN/接触体 : Gold plated Tin bronze/锡青铜镀金
 Housing Material/外壳材质 : PEEK
 Other Shell Material/其它壳体材质: 铜镍镍
 Insulator material/绝缘体材料: PEEK
 IP Rating/防护等级 : IP50

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

| REV/版本 | DESCRIPTION/变更内容 | DATE/日期 | DRAWN BY/绘图 |
|--------|------------------|---------|-------------|
| | | | |



Plug front view
插头前视图



view K
K孔孔位排列

| | |
|--------------------------|------------|
| 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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| | 美易连电子科技(深圳)有限公司 Meiyilian electronic technology(shenzhen)Co.,Ltd. | |
| | | 单位名称 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) |

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|---|--|
| GENERAL TOLERANCE (UNLESS SPECIFIED) | 单位 UNIT: mm 比例 SCALE: 1:1 尺寸 SIZE: A4 |
| ≤ 10 ± 0.1 | 型号 PART NAME TGA. 2BP. 303. KWAD62 |
| $< 10^\circ \leq 20^\circ$ ± 0.15 | |
| $< 20^\circ \leq 50^\circ$ ± 0.3 | |
| Angle $\pm 1^\circ$ | REV/版本 A1 SHEET: 1 OF 1 |