

1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度: $-55^{\circ}\text{C} \sim 150^{\circ}\text{C}$
 Humidity(max)/最大潮湿: $\leq 95\%$ [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: $\phi 10.1\text{mm} - \phi 11.0\text{mm}$

2. 电气性能

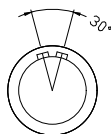
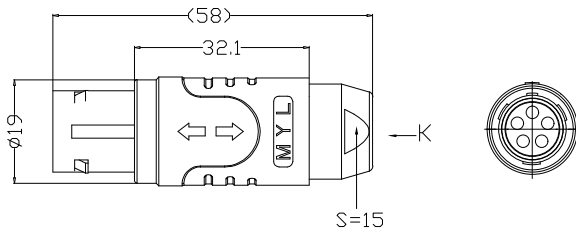
Insert Configuration/针芯配置: 3BP. 305 5Low Voltage
 Pin Size/接触件直径: $\phi 1.6\text{mm}$
 Contact resistance接触电阻: $\leq 4\text{m}\Omega$
 Insulation resistance/绝缘电阻: 5000Ω (测试电压500V(DC))
 Withstand voltage/耐电压: 1900V(AC)
 Rated working current额定工作电流: 19.0A

Other Specification/其它规格:

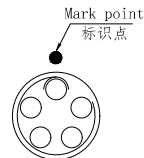
Contact PIN/接触体: Gold plated Tin bronze/锡青铜镀金
 Housing Material/外壳材质: PEEK
 Other Shell Material/其它壳体材质: 铜镀镍
 Insulator material/绝缘体材料: PEEK
 IP Rating/防护等级: IP50

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


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



Plug front view
插头前视图



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: P005 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 | | | |
| GENERAL TOLERANCE (UNLESS SPECIFIED) $\leq 10 \pm 0.1$ $< 10^{\circ} \leq 20 \pm 0.15$ $< 20^{\circ} \leq 50 \pm 0.3$ Angle $\pm 1^{\circ}$ | | | | 比例 SCALE: 1: 1 | | 型号 PART NAME | | TG-3BP直式插头(不带护套式尾帽) TG-3BP Straight Plug (without jacketed tail cap) | |
| FIRST ANGLE PROJECTION | | SIZE: A4 | | SHEET: 1 OF 1 | | 型号 PART NAME | | TGA. 3BP. 305. KWKAD112 | |
| REV/版本 | | A1 | | https://www.mylconnector.com/ | | https://www.mylconnector.com/ | | 7 | |