

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: $\phi 6.1\text{mm}-\phi 7.0\text{mm}$

2. 电气性能

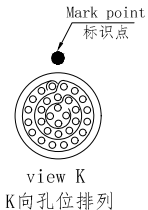
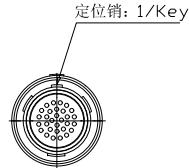
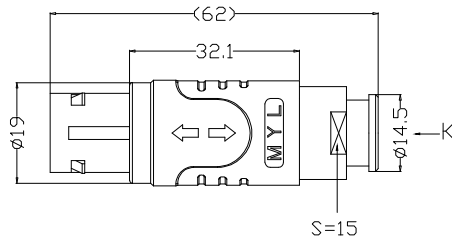
Insert Configuration/针芯配置: 3BP.330 30Low Voltage
 Pin Size/接触件直径: $\phi 0.7\text{mm}$
 Contact resistance接触电阻: $\leq 4.5\text{m}\Omega$
 Insulation resistance/绝缘电阻: 5000Ω (测试电压500V (DC))
 Withstand voltage/耐电压: 800V (AC)
 Rated working current额定工作电流: 3.5A


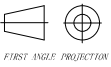
Other Specification/其它规格:

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: PPS
 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/描述内容 | DATE/日期 | DRAWN BY/制图 |
|--------|------------------|---------|-------------|
| | | | |



| | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| DRAWN BY: 2024.05.28 绘图: PDK5 CHECKED BY: 2024.05.28 审核: Z01 APPROVED BY: 2024.05.28 核准: PDK5 |  美易连电子科技(深圳)有限公司 Meiyilian electronic technology (shenzhen) Co., Ltd. | | |
| GENERAL TOLERANCE (UNLESS SPECIFIED) $\approx 10 \pm 0.1$ $< 10^\circ \approx 20 \pm 0.15$ $< 20^\circ \approx 50 \pm 0.3$ Angle $\pm 1^\circ$ |  FIRST ANGLE PROJECTION | 单位 UNIT: mm 比例 SCALE: 1:1 | 名称 PART NAME TG-3BP直式插头(带护套式尾帽) TG-3BP Straight Plug (with jacketed tail cap) |
| | | 型号 SIZE: M SHEET: 1 OF 1 | 型号 PART NAME TGG. 3BP. 330. KWLAD72Z |
| REV/版本 | A1 | https://www.myconnector.com/ | |