

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: Ø3.4mm-Ø4.3mm

2. 电气性能

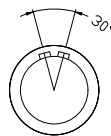
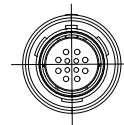
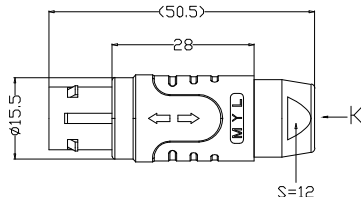
Insert Configuration/针芯配置:2BP.312 12Low Voltage
 Pin Size/接触件直径:Ø0.7mm
 Contact resistance接触电阻:≤12.5mΩ
 Insulation resistance/绝缘电阻:5000MΩ (测试电压500V(DC))
 Withstand voltage/耐电压:1250V(AC)
 Rated working current额定工作电流:7.0A

Other Specification/其它规格:

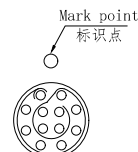
Contact PIN/接触体 : Gold plated Tin bronze/锡青铜镀金
 Housing Material/外壳材质 : PEEK
 Other Shell Material/其它壳体材质: 铜镀镍
 Insulator material/绝缘体材料: PPS
 IP Rating/防护等级 : IP50

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


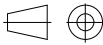
| REV/版本 | DESCRIPTION/型号内容 | DATE/日期 | DRAWN BY/制图 |
|--------|------------------|---------|-------------|
| | | | |



Plug front view
插头前视图



view K
K向孔位排列

| | | | | |
|--|--|---|-----------|--|
| 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. | | |
| GENERAL TOLERANCE (UNLESS SPECIFIED) ≤10 ±0.1 <10° ≤20 ±0.15 <20° ≤50 ±0.3 Angle ±1° |  FIRST ANGLE PROJECTION | 单位 UNIT: mm | 名称 | TG-2BP直式插头(不带护套式尾帽) TG-2BP Straight Plug (without jacketed tail cap) |
| | | 比例 SCALE: 1:1 | PART NAME | |
| REV/版本 | A1 | SIZE: A4 | 型号 | TGA.2BP.312.KWLAD45 |
| | | SHEET: 1 OF 1 | PART NAME | |