

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: $\phi 3.1\text{mm}-\phi 4.0\text{mm}$

2. 电气性能

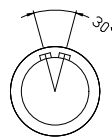
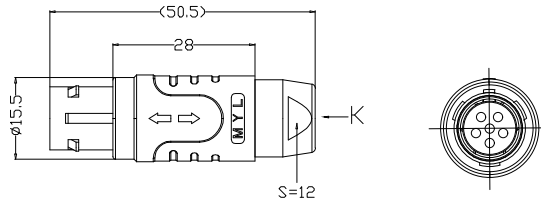
Insert Configuration/针芯配置:2BP.306 6Low Voltage
 Pin Size/接触件直径: $\phi 1.3\text{mm}$
 Contact resistance接触电阻: $\leq 5\text{m}\Omega$
 Insulation resistance/绝缘电阻:5000M Ω (测试电压500V(DC))
 Withstand voltage/耐电压:1350V(AC)
 Rated working current额定工作电流:12.0A

Other Specification/其它规格:

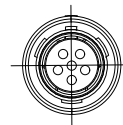
Contact PIN/接触体 : Gold plated Tin bronze/锡青铜镀金
 Housing Material/外壳材质 : PEEK
 Other Shell Material/其它壳体材质: 铜镀镍
 Insulator material/绝缘体材料: PEEK
 IP Rating/防护等级 : IP50

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

| REV/版本 | DESCRIPTION/描述内容 | DATE/日期 | DRAWN BY/绘图 |
|--------|------------------|---------|-------------|
| | | | |



Plug front view
插头前视图




view K
K向孔位排列

Mark point
标识点

| | |
|--------------------------|------------|
| DRAWN BY: 绘图: P005 | 2024.05.28 |
| CHECKED BY: 审核: Z01 | 2024.05.28 |
| APPROVED BY: 核准: P005 | 2024.05.28 |

| | |
|-----------------------------------------|---------------|
| GENERAL TOLERANCE (UNLESS SPECIFIED) | |
| ≤ 10 | ± 0.1 |
| $< 10^\circ \sim \leq 50$ | ± 0.15 |
| $> 20^\circ \sim \leq 50$ | ± 0.3 |
| Angle | $\pm 1^\circ$ |

| | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------|-----------------------|----------------------------------------------------------------------------|
|  美易连电子科技(深圳)有限公司 Meiyilian electronic technology(shenzhen)Co.,Ltd. | | 单位 UNITS: 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 | |
| FIRST ANGLE PROJECTION | SIZE: A4 | 型号 | TGA. 2BP. 306. KWK4D2 | |
| REV/版本 | A1 | SHEET: 1 OF 1 | PART NAME | |