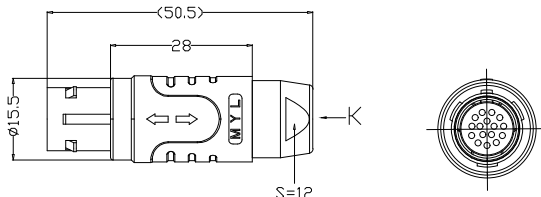


1. Product main performance/产品主要性能指标:

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: $\phi 9.1\text{mm}-\phi 10.0\text{mm}$



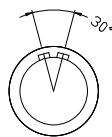
2. 电气性能

Insert Configuration/针芯配置: 2BP. 316 16Low Voltage
 Pin Size/接触件直径: $\phi 0.7\text{mm}$
 Contact resistance接触电阻: $\leq 12.5\text{m}\Omega$
 Insulation resistance/绝缘电阻: $5000\text{M}\Omega$ (测试电压500V (DC))
 Withstand voltage/耐电压: 950V (AC)
 Rated working current额定工作电流: 6.0A

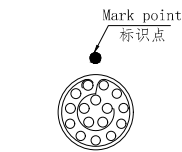
Other Specification/其它规格:

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.



Plug front view
插头前视图



view K
K向孔位排列

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

| | |
|-----------------------------------------|------------|
| DRAWN BY: 绘图: PD03 | 2024.05.28 |
| CHECKED BY: 审核: Z01 | 2024.05.28 |
| APPROVED BY: 核准: PD03 | 2024.05.28 |
| GENERAL TOLERANCE (UNLESS SPECIFIED) | |
| $\leq 10 \pm 0.1$ | |
| $< 10^\circ \leq 20 \pm 0.15$ | |
| $< 20^\circ \leq 50 \pm 0.3$ | |
| Angle $\pm 1^\circ$ | |



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



FIRST ANGLE PROJECTION

| | |
|--------|----|
| REV/版本 | A1 |
|--------|----|

| | | |
|------------------|-----------------|----------------------------------------------------------------------------|
| 单位 UNIT: mm | 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) |
| 比例 SCALE: 1:1 | | |
| SIZE: A4 | 型号 PART NAME | TGA. 2BP. 316. KWKAD102 |
| SHEET: 1 OF 1 | | |

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<https://www.myconnector.com/>

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<https://www.myconnector.com/>

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