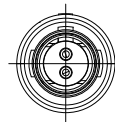
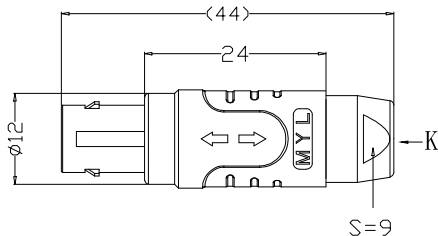


1. Product main performance/产品主要性能指标:

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



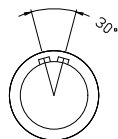
2. 电气性能

Insert Configuration/针芯配置: 1BP. 302 2Low 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: 1500V (AC)
 Rated working current额定工作电流: 15.0A

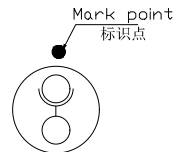
Other Specification/其它规格:

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

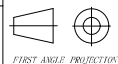
| REV/版本 | DESCRIPTION/变更内容 | DATE/日期 | DRAWN BY/绘图 |
|--------|------------------|---------|-------------|
| | | | |

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)
 $\leq 10 \pm 0.1$
 $< 10^\circ \leq 20 \pm 0.15$
 $< 20^\circ \leq 50 \pm 0.3$
 Angle $\pm 1^\circ$



FIRST ANGLE PROJECTION

单位
UNIT: mm
 比例
SCALE: 1: 1
 尺寸
SIZE: A4

| 名称 PART NAME | TG-1BP直式插头(不带护套式尾帽) TG-1BP Straight Plug (without jacketed tail cap) |
|-----------------|--|
| 型号 PART NAME | TGA. 1BP. 302. KWKAD42 |

| | | |
|--------|----|---------------|
| REV/版本 | A1 | SHEET: 1 OF 1 |
|--------|----|---------------|