

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: ϕ 7.1mm- ϕ 8.0mm

2. 电气性能

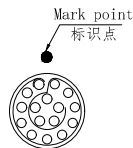
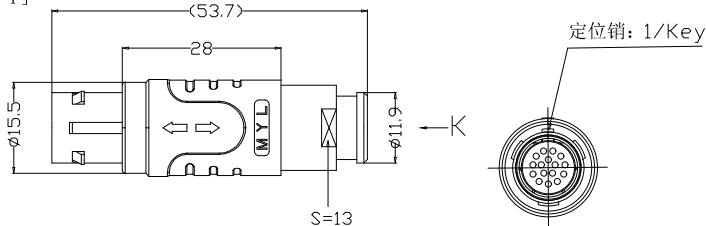
Insert Configuration/针芯配置:2BP.316 16Low Voltage
 Pin Size/接触件直径: ϕ 0.7mm
 Contact resistance接触电阻: \leq 12.5m Ω
 Insulation resistance/绝缘电阻:5000M Ω (测试电压500V(DC))
 Withstand voltage/耐电压:950V(AC)
 Rated working current额定工作电流:6.0A

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.

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



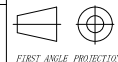
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K向孔位排列

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|-------------------------|------------|
| DRAWN BY: 绘图:PD03 | 2024.05.28 |
| CHECKED BY: 审核:Z01 | 2024.05.28 |
| APPROVED BY: 核准:PD05 | 2024.05.28 |



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 Meiyilian electronic technology (shenzhen) Co., Ltd.

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



FIRST ANGLE PROJECTION

| | |
|--------|----|
| REV/版本 | AL |
|--------|----|

| | | |
|---------------|-----------|--|
| UNIT: mm | 名称 | TG-2BP直式插头(带护套式尾帽) |
| SCALE: 1: 1 | PART NAME | TG-2BP Straight Plug (with jacketed tail cap) |
| SIZE: M4 | 型号 | TGG. 2BP. 316. KWKAD82Z |
| SHEET: 1 OF 1 | PART NAME | |