

1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度: $-55^{\circ}\text{C} \sim 150^{\circ}\text{C}$
 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+

2. 电气性能

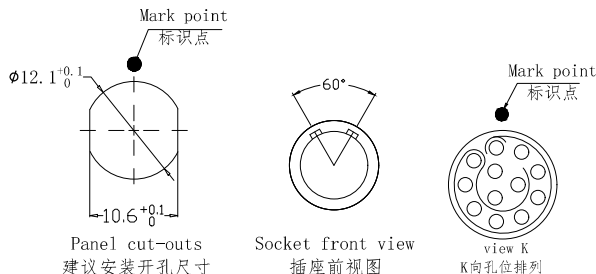
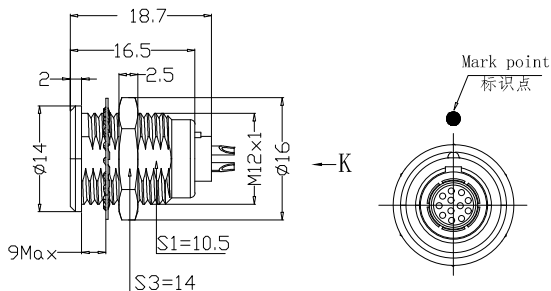
Insert Configuration/针芯配置: 1BP. 312 12Low Voltage
 Pin Size/接触件直径: $\phi 0.5\text{mm}$
 Contact resistance接触电阻: $\leq 15\text{m}\Omega$
 Insulation resistance/绝缘电阻: 5000M Ω (测试电压500V(DC))
 Withstand voltage/耐电压: 750V(AC)
 Rated working current额定工作电流: 2.0A

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/变更内容 | DATE/日期 | DRAWN BY/绘图 |
|--------|------------------|---------|-------------|
| | | | |

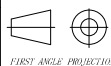


Panel cut-outs
建议安装开孔尺寸

Socket front view
插座前视图

view K
K向孔位排列

| | | | | | |
|--|--------------|---------------------------|---|--------|---------------------|
| DRAWN BY: 绘图: P003 | 2024. 05. 28 | | 美易连电子科技(深圳)有限公司 Meiyilian electronic technology (shenzhen) Co., Ltd. | | |
| CHECKED BY: 审核: Z01 | 2024. 05. 28 | | 单位 (UNIT): mm 比例 (SCALE): 1: 1 | 名称 | ZGB-1BP固定式插座 |
| APPROVED BY: 核准: P005 | 2024. 05. 28 | | 名称 (PART NAME) ZGB-1BP Fixed socket | 型号 | ZGB. 1BP. 312. KWLL |
| GENERAL TOLERANCE (UNLESS SPECIFIED) ≤ 10 ± 0.1 $< 10^{\circ}$ ≤ 20 ± 0.15 $< 20^{\circ}$ ≤ 30 ± 0.3 Angle $\pm 1^{\circ}$ | | FIRST ANGLE PREFERRED | SIZE: A4 SHEET: 1 OF 1 | REV/版本 | A1 |



FIRST ANGLE PREFERRED

REV/版本

A1

SHEET: 1 OF 1