

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

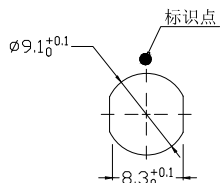
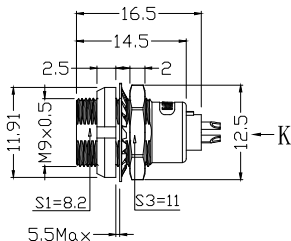
Insert Configuration/针芯配置: 0BP.305 5Low Voltage
 Pin Size/接触件直径: $\phi 0.7\text{mm}$
 Contact resistance接触电阻: $\leq 12.5\text{m}\Omega$
 Insulation resistance/绝缘电阻: 5000M Ω (测试电压500V(DC))
 Withstand voltage/耐电压: 1000V(AC)
 Rated working current额定工作电流: 6.5A

Other Specification/其它规格:

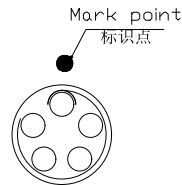
Contact PIN/接触体: Gold plated Tin bronze/锡青铜镀金
 Housing Material/外壳材质: PEEK
 Other Shell Material/其它壳体材质: 铜镀镍
 Insulator material/绝缘体材料: PPS
 IP Rating/防护等级: IP50

*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/制图 |
| | | | |




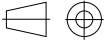
Panel cut-outs
建议安装开孔尺寸



view K
K向孔位排列

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

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|---|-----------------|
| GENERAL TOLERANCE (UNLESS SPECIFIED) | |
| ≤ 10 | ± 0.1 |
| $< 10^{\circ} \leq 20$ | ± 0.15 |
| $< 20^{\circ} \leq 30$ | ± 0.3 |
| Angle | $\pm 1^{\circ}$ |

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|--|----------|------------------|---------------------|---------------------------|
|  美易连电子科技(深圳)有限公司 Meiyilian electronic technology(shenzhen)Co.,Ltd. | | 单位 UNIT: mm | 名称 | ZCG-OBP 双螺母插座 |
| | | 比例 SCALE: 1:1 | PART NAME | ZCG-OBP Double nut socket |
|  FIRST ANGLE PROJECTION | SIZE: AA | 型号 PART NAME | ZCG. OBP. 305. KWLL | |
| REV/版本 | A1 | SHEET: 1 OF 1 | | |