

1) Product main performance/产品主要性能指标:

Operating Temperature/工作温度: -55°C~150°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

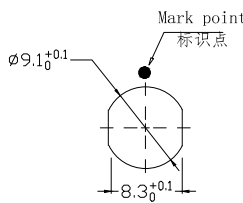
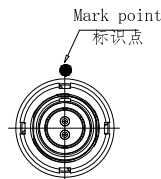
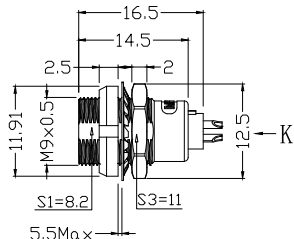
Insert Configuration/针芯配置:OBP.302 2Low Voltage
 Pin Size/接触件直径:Φ0.9mm
 Contact resistance接触电阻:≤9mΩ
 Insulation resistance/绝缘电阻:5000MΩ(测试电压500V(DC))
 Withstand voltage/耐电压:1300V(AC)
 Rated working current额定工作电流:10.0A

Other Specification/其它规格:

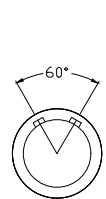
Contact PIN/接触体: Gold plated Tin bronze/锡青铜镀金
 Housing Material/外壳材质: PEEK
 Other Shell Material/其它壳体材质: 铜镀镍
 Insulator material/绝缘体材料: PPS
 IP Rating/防护等级: IP50

*ALL MATERIALS ARE RoHS COMPLIANT/所有材料均符合RoHS要求.

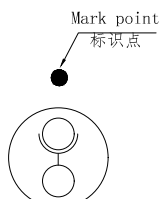
| REV/版本 | DESCRIPTION/变更内容 | DATE/日期 | DRAWN BY/绘图 |
|--------|------------------|---------|-------------|
| | | | |



Panel cut-outs
建议安装开孔尺寸



Socket front view
插座前视图



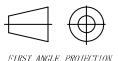
view K
K向孔位排列

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



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GENERAL TOLERANCE (UNLESS SPECIFIED)
 ≤10 ±0.1
 <10° ≤20 ±0.15
 <20° ≤30 ±0.3
 Angle ±1°



FIRST ANGLE PROJECTION

| | | |
|-------------------|-----------------|--|
| 单位 UNIT: mm | 名称 PART NAME | ZCB-OBP 双螺母插座 ZCB-OBP Double nut socket |
| 比例 SCALE: 1: 1 | 型号 PART NAME | ZCB. OBP. 302. KWLL |
| SIZE: A4 | | |

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

SHEET: 1 OF 1