

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: Ø4.1mm-Ø5.0mm

2. 电气性能

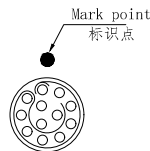
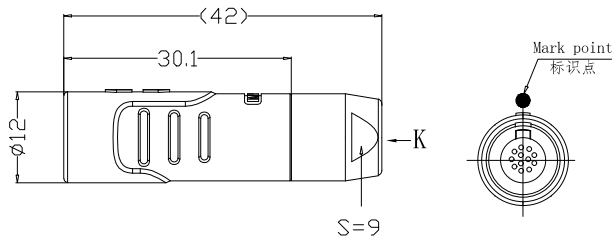
Insert Configuration/针芯配置:1BP.312 12Low Voltage
 Pin Size/接触件直径:Ø0.5mm
 Contact resistance接触电阻:≤15mΩ
 Insulation resistance/绝缘电阻:5000MΩ (测试电压500V(DC))
 Withstand voltage/耐电压:750V(AC)
 Rated working current额定工作电流:2.0A

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 : 铜电镀
 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.

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|--------|------------------|---------|-------------|
| REV/版本 | DESCRIPTION/描述内容 | DATE/日期 | DRAWN BY/绘图 |
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|---|------------|
| DRAWN BY: 绘图:PD03 | 2024.03.28 |
| CHECKED BY: 审核:Z01 | 2024.03.28 |
| APPROVED BY: 核准:PD05 | 2024.03.28 |
| GENERAL TOLERANCE (UNLESS SPECIFIED) | |
| ≤10 ±0.1 | |
| <10° ≤20 ±0.15 | |
| <20° ≤50 ±0.3 | |
| Angle ±1° | |

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|--------------|---------------|---|---|
| | | 美易连电子科技(深圳)有限公司 Meiyilian electronic technology (shenzhen) Co., Ltd. | |
| | | FIRST ANGLE PROJECTION | 单位 UNIT: mm 比例 SCALE: 1:1 名称 PART NAME |
| REV/版本 A1 | SHEET: 1 OF 1 | 型号 PART NAME | DHG. 1BP. 312. KLLD52 |