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

1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度 : -55°C~200°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
 P op (max)/最大环境压力 : 60 bar (870 psi)

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+

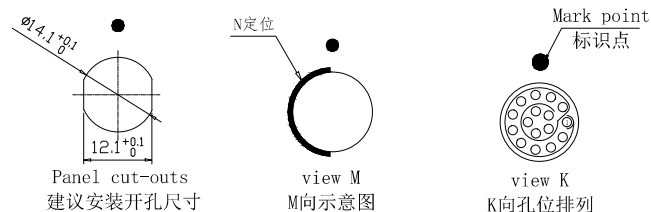
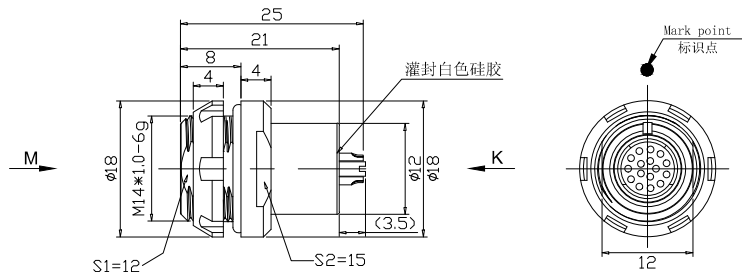
2. 电气性能

Insert Configuration/针芯配置: 1F. 316 16Low 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: $5000\text{M}\Omega$ (测试电压500V(DC))
 Withstand voltage/耐电压: 350V(AC)
 Rated working current额定工作电流: 1.5A

Other Specification/其它规格:


Contact PIN/接触体 : Gold-Tin bronze plating/锡青铜镀金
 Housing Material/外壳材质 : Pearl-plated chrome brass/黄铜镀珍珠铬
 Other metal spare parts/其余金属件 : nickel plated brass/黄铜镀镍
 Insulator material/绝缘材料: PPS
 IP Rating/防护等级 : IP68(插合状态)

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



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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 | |
| GENERAL TOLERANCE (UNLESS SPECIFIED) | |
| ≤ 10 | ± 0.1 |
| $< 10 \sim \leq 20$ | ± 0.15 |
| $< 20 \sim \leq 50$ | ± 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 PART NAME | ZLN-1F固定式插座 ZLN-1F Fixed socket |
| | 比例 SCALE: 1: 1 | 型号 PART NAME | ZLN. 1F. 316. CLL-N |

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|  FIRST ANGLE PROJECTION | REV/版本 | A1 | SHEET: 1 OF 1 |
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