

|        |                  |         |             |
|--------|------------------|---------|-------------|
| 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+

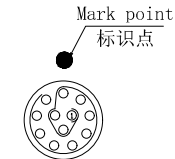
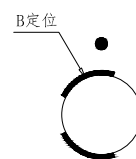
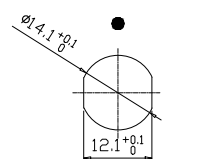
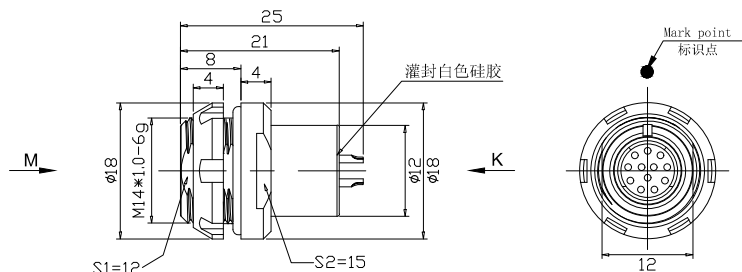
2. 电气性能


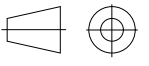
Insert Configuration/针芯配置: 1F.312 12Low Voltage  
 Pin Size/接触件直径:  $\phi 0.5\text{mm}$   
 Contact resistance接触电阻:  $\leq 15\text{m}\Omega$   
 Insulation resistance/绝缘电阻:  $5000\text{M}\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压: 400V(AC)  
 Rated working current额定工作电流: 2.0A

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.



|  |   |                           |                 |                                    |
|--|---|---------------------------|-----------------|------------------------------------|
| DRAWN BY:<br>绘图: PD03 2024. 05. 28<br>CHECKED BY:<br>审核: Z01 2024. 05. 28<br>APPROVED BY:<br>核准: PD05 2024. 05. 28                                 |  美易连电子科技(深圳)有限公司<br>Meiyilian electronic technology(shenzhen)Co.,Ltd. | 单位<br>UNIT: mm            | 名称<br>PART NAME | ZLB-1F固定式插座<br>ZLB-1F Fixed socket |
|  |   | 比例<br>SCALE: 1: 1         | 型号<br>PART NAME | ZLB. 1F. 312. CLL                  |
| GENERAL TOLERANCE<br>(UNLESS SPECIFIED)<br>$\leq 10 \pm 0.1$<br>$< 10 \sim \leq 20 \pm 0.15$<br>$< 20 \sim \leq 50 \pm 0.3$<br>Angle $\pm 1^\circ$ |  FIRST ANGLE PROJECTION  | SIZE: A4<br>SHEET: 1 OF 1 | REV/版本<br>A1    | SHEET: 1 OF 1                      |