

|        |                  |         |             |
|--------|------------------|---------|-------------|
| 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~125°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 : 300g[3ms]  
 Endurance (Shell)/机械寿命 : 2000次

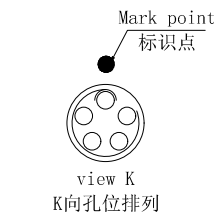
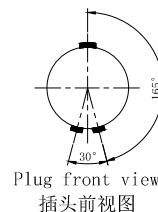
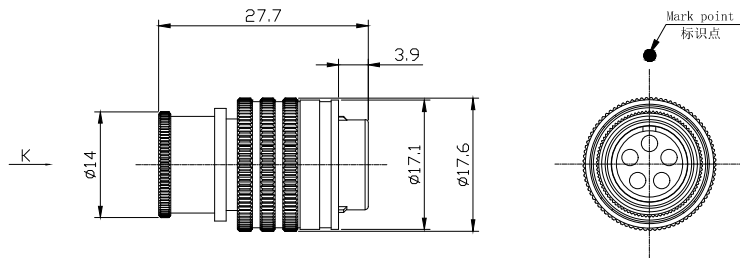
2. 电气性能

Insert Configuration/针芯配置:2M. 305 5Low Voltage  
 Pin Size/接触件直径:φ1.3mm  
 Contact resistance接触电阻:≤5mΩ  
 Insulation resistance/绝缘电阻:5000MΩ (测试电压500V(DC))  
 Withstand voltage/耐电压:1000V(AC)  
 Rated working current额定工作电流:14.0A

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 : Gun color plated aluminium /铝合金镀枪色  
 Other metal spare parts/其余金属件 : Nickel plated brass/铜镀镍  
 Glue filling type/灌胶类型: White silica gel/白色硅胶  
 Insulator material/绝缘材料: PPS  
 IP Rating/防护等级 : IP68(头座配合)

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

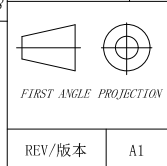


DRAWN BY:  
绘图: P003 2024. 05. 28  
 CHECKED BY:  
审核: Z01 2024. 05. 28  
 APPROVED BY:  
核准: P003 2024. 05. 28



美易连电子科技(深圳)有限公司  
 Meiyilian electronic technology (shenzhen) Co., Ltd.

GENERAL TOLERANCE  
 (UNLESS SPECIFIED)  
 ≤10 ±0.1  
 <10~≤20 ±0.15  
 <20~≤50 ±0.3  
 Angle ±1°



|                   |                 |                                    |
|-------------------|-----------------|------------------------------------|
| 单位<br>UNIT: mm    | 名称<br>PART NAME | TGA-2M直式插头<br>TGA-2M Straight Plug |
| 比例<br>SCALE: 1: 1 | 型号<br>PART NAME | TGA. 2M. 305. XLA                  |
| SIZE: A4          |                 |                                    |
| REV/版本 A1         | SHEET: 1 OF 1   |                                    |