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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℃~200℃
 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)

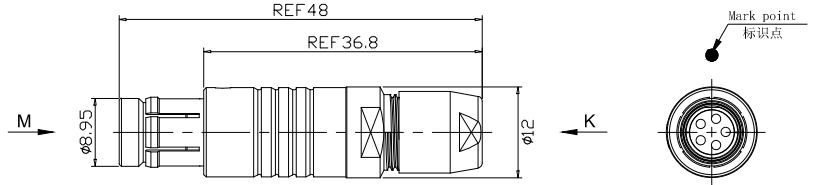
Mechanical data/机械特性:
 Vibration/振动 : 15g[10Hz~2000Hz]
 Shock Resistance/冲击 : 100g[6ms]
 Endurance (Shell)/机械寿命 : 5000+

2. 电气性能

Insert Configuration/针芯配置: 1F. 305 5Low Voltage
 Pin Size/接触件直径: $\phi 0.9\text{mm}$
 Contact resistance接触电阻: $\leq 9\text{m}\Omega$
 Insulation resistance/绝缘电阻: $5000\text{M}\Omega$ (测试电压500V(DC))
 Withstand voltage/耐电压: 875V(AC)
 Rated working current额定工作电流: 9.0A
 Cable/配接电缆: $\phi 2.4\text{mm}-\phi 3.3\text{mm}$

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(尾部密封防护处理)
 *ALL MATERIALS ARE RoHS COMPLIANT/所有材料均符合RoHS要求.

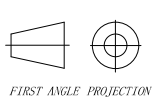


GENERAL TOLERANCE (UNLESS SPECIFIED)
 $\leq 10 \pm 0.1$
 $< 10 \sim \leq 20 \pm 0.15$
 $< 20 \sim \leq 50 \pm 0.3$
 Angle $\pm 1^\circ$

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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单位
 UNTT: mm
 比例
 SCALE: 1: 1

名称
 PART NAME

TGA-1F直式插头(不带护套式尾帽)
 TGA-1F Straight Plug
 (without jacketed tail cap)

型号
 PART NAME

TGA. 1F. 305. CLAD35

REV/版本 A1

SHEET: 1 OF 1