

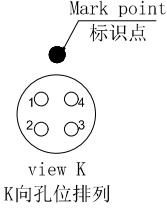
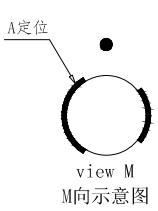
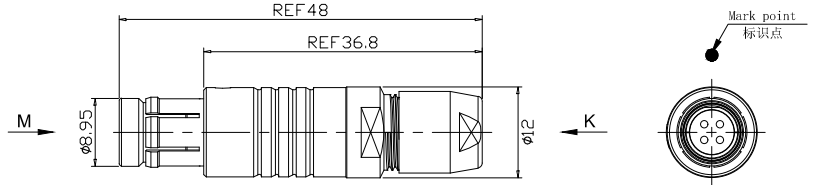
|        |                  |         |             |
|--------|------------------|---------|-------------|
| REV/版本 | DESCRIPTION 变更内容 | DATE/日期 | DRAWN BY/绘图 |
|        |                  |         |             |

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.304 4Low Voltage  
 Pin Size/接触件直径:φ0.9mm  
 Contact resistance接触电阻:≤9mΩ  
 Insulation resistance/绝缘电阻:5000MΩ (测试电压500V(DC))  
 Withstand voltage/耐电压:875V(AC)  
 Rated working current额定工作电流:10.0A  
 Cable/配接电缆:φ2.4mm-φ3.3mm

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.



A

A

B

B

C

C

D

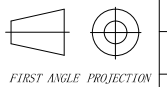
D

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



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)

SIZE: A4

型号  
 PART NAME

TGA. 1F. 304. CLAD35

REV/版本 A1

SHEET: 1 OF 1