

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+

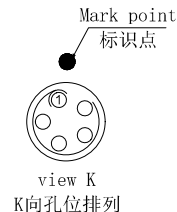
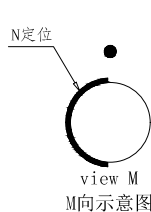
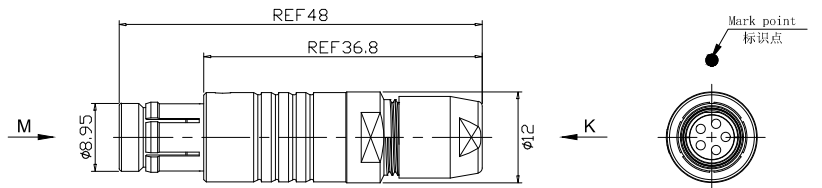
2. 电气性能

Insert Configuration/针芯配置:1F.305 5Low Voltage
 Pin Size/接触件直径:Ø0.9mm
 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:9.0A
 Cable/配接电缆:Ø4.4mm-Ø5.3mm

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

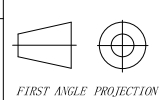


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DRAWN BY:
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CHECKED BY:
审核:Z01 2024.05.28
APPROVED BY:
核准:PD05 2024.05.28

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



单位
UNT: mm
比例
SCALE: 1: 1
SIZE: A4

名称
PART NAME

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

REV/版本

A1

SHEET: 1 OF 1

型号
PART NAME

TGN. 1F. 305. CLAD55