

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 : $-55^{\circ}\text{C} \sim 200^{\circ}\text{C}$
Humidity(max)/最大潮湿 : $\leq 95\%$ [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+

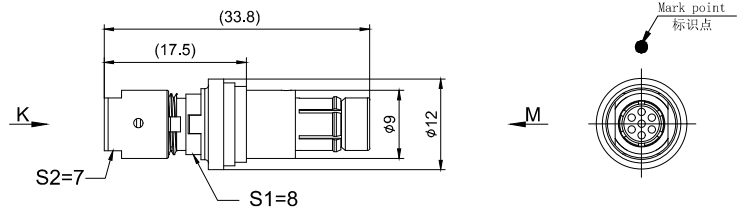
2. 电气性能

Insert Configuration/针芯配置:0F.307 7Low 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:5000M Ω (测试电压500V(DC))
Withstand voltage/耐电压:500V(AC)
Rated working current额定工作电流:2.5A
Cable/配接电缆: $\phi 3.1\text{mm}-\phi 4.0\text{mm}$

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.



DRAWN BY:
绘图:PDO3 2024.05.28

CHECKED BY:
审核:Z01 2024.05.28

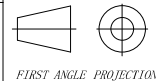
APPROVED BY:
核准:PDO5 2024.05.28



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GENERAL TOLERANCE
(UNLESS SPECIFIED)

$\leq 10 \pm 0.1$
 $< 10^{\circ} \leq 20 \pm 0.15$
 $< 20^{\circ} \leq 50 \pm 0.3$
Angle $\pm 1^{\circ}$



单位
UNIT: mm

比例
SCALE: 1: 1

SIZE: A4

名称
PART NAME

型号
PART NAME

TLB-0F 直式插头 (不带护套式尾帽)
TLB-0F Straight Plug
(without jacketed tail cap)

TLB. 0F. 307. CLAD42

REV/版本 A2

SHEET: 1 OF 1