

REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/绘图
A2	更正10芯绝缘体丝印顺序	2021.12.27	PD03

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+

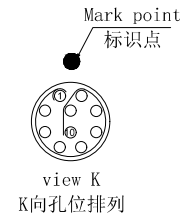
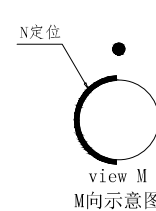
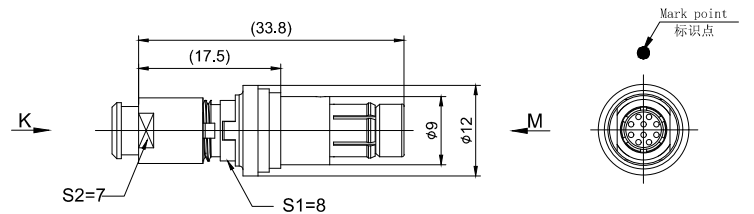
2. 电气性能

Insert Configuration/针芯配置: 0F. 310 10Low 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: $5000\text{M}\Omega$ (测试电压500V(DC))
Withstand voltage/耐电压: 500V(AC)
Rated working current额定工作电流: 2.0A
Cable/配接电缆: $\phi 4.1\text{mm} - \phi 5.0\text{mm}$

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 : black chrome plated brass/黄铜镀黑铬
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.

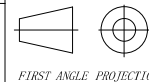


DRAWN BY:
绘图: PD03 2024. 05. 28
CHECKED BY:
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APPROVED BY:
核准: PD05 2024. 05. 28



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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 $\pm 1^{\circ}$



REV/版本 A2 SHEET: 1 OF 1

单位
UNIT: mm
比例
SCALE: 1: 1
型号
PART NAME

名称
PART NAME
TLN-0F直式插头(带护套式尾帽)
TLN-0F Straight Plug
(with jacketed tail cap)
型号
PART NAME
TLN. 0F. 310. KLD52Z