

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:

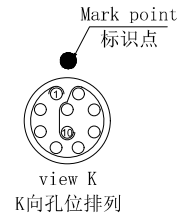
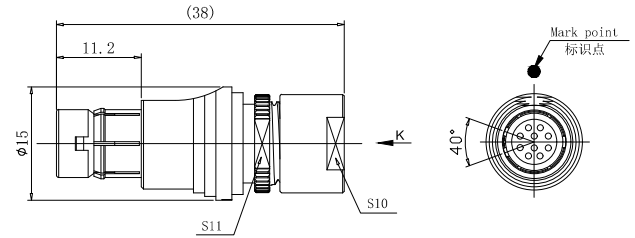
Vibration/振动 : 15g[10Hz~2000Hz]
Shock Resistance/冲击 : 100g[6ms]
Endurance (Shell)/机械寿命 : 5000+

2. 电气性能

Insert Configuration/针芯配置:1U.310 10Low Voltage
Pin Size/接触件直径:φ0.5mm
Contact resistance接触电阻:≤15mΩ
Insulation resistance/绝缘电阻:5000MΩ (测试电压500V(DC))
Withstand voltage/耐电压:400V(AC)
Rated working current额定工作电流:2.5A
Cable/配接电缆:φ2.1mm-φ3.0mm

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)
≤10 ±0.1
<10~≤20 ±0.15
<20~≤50 ±0.3
Angle ±1°



单位
UNIT: mm
比例
SCALE: 1: 1
SIZE: A4

名称
PART NAME

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

REV/版本
A1

型号
PART NAME

TGA. 1U. 310. KLD32