

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°C~200°C
 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:

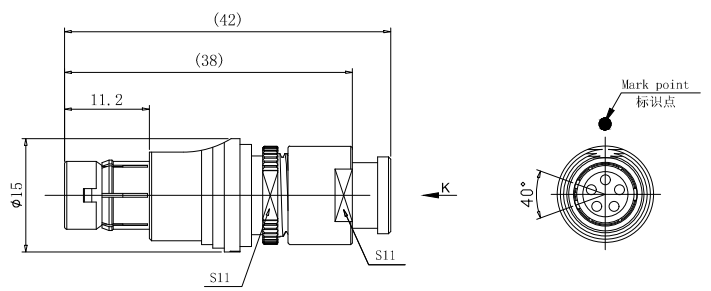
Vibration/振动 : 15g[10Hz~2000Hz]
 Shock Resistance/冲击 : 100g[6ms]
 Endurance (Shell)/机械寿命 : 5000+

2. 电气性能

Insert Configuration/针芯配置:1U.305 5Low Voltage
 Pin Size/接触件直径:φ0.9mm
 Contact resistance接触电阻:≤9.0mΩ
 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:φ3.1mm-φ4.0mm

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 :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

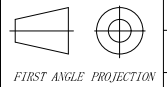
APPROVED BY:
核准:PDO5 2024.05.28



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GENERAL TOLERANCE
(UNLESS SPECIFIED)

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



单位
UNTT: mm
比例
SCALE: 1: 1

名称
PART NAME

TGA-1U直式插头(带护套式尾帽)
 TGA-1U Straight Plug
 (with jacketed tail cap)

SIZE: A4

型号
PART NAME

TGA. 1U. 305. CLAD42Z

REV/版本

A1

SHEET: 1 OF 1