

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)

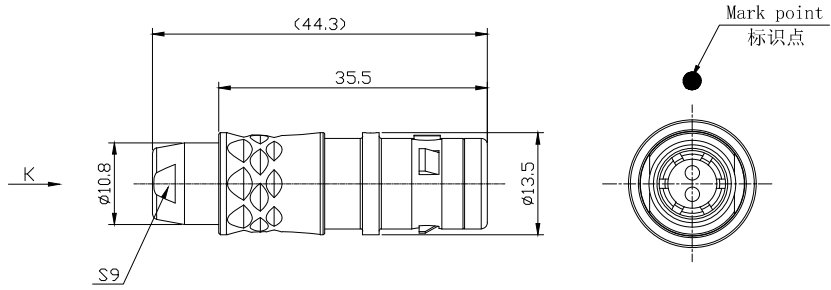
Mechanical data/机械特性:  
 Vibration/振动 : 15g[10Hz~2000Hz]  
 Shock Resistance/冲击 : 100g[6ms]  
 Endurance (Shell)/机械寿命 : 5000+

2. 电气性能

Insert Configuration/针芯配置:1K.302 2Low Voltage  
 Pin Size/接触件直径:φ1.3mm  
 Contact resistance接触电阻:≤5mΩ  
 Insulation resistance/绝缘电阻:5000MΩ (测试电压500V(DC))  
 Withstand voltage/耐电压:1000V(AC)  
 Rated working current额定工作电流:15.0A  
 Cable/配接电缆:φ3.1mm-φ4.0mm

Other Specification/其它规格:

Contact PIN/接触体 : Gold plated Tin bronze/锡青铜镀金  
 Housing Material/外壳材质 : Chrome plated brass/铜镀珍珠铬  
 Other metal spare parts/其余金属件 : Nickel plated brass/铜镀镍  
 Insulator material/绝缘材料: PPS  
 IP Rating/防护等级 : IP68(插合状态,尾部密封处理)  
 \*ALL MATERIALS ARE RoHS COMPLIANT/所有材料均符合RoHS要求.



A

A

B

B

C

C

D

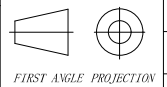
D

DRAWN BY:  
绘图:PDO3 2024.05.28  
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审核:Z01 2024.05.28  
 APPROVED BY:  
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GENERAL TOLERANCE  
 (UNLESS SPECIFIED)  
 ≤10 ±0.1  
 <math>10 \sim 20</math> ±0.15  
 <math>20 \sim 50</math> ±0.3  
 Angle ±1°



单位  
UNTT: mm

比例  
SCALE: 1: 1

SIZE: A4

SHEET: 1 OF 1

名称  
PART NAME

型号  
PART NAME

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

TGG. 1K. 302. CLAC42