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| 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:

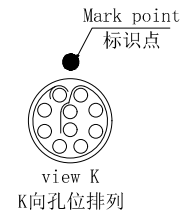
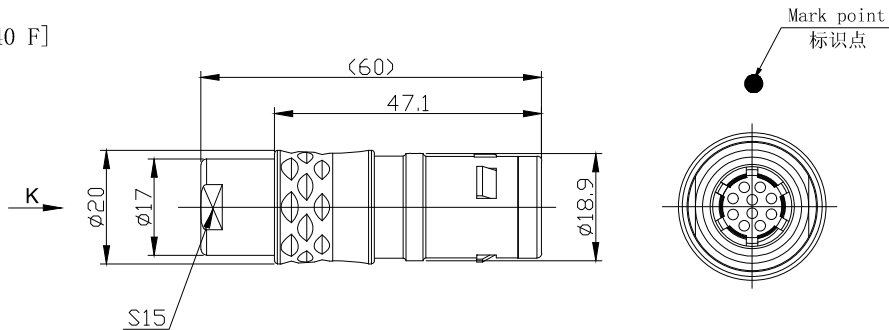
Vibration/振动 : 15g[10Hz~2000Hz]
 Shock Resistance/冲击 : 100g[6ms]
 Endurance (Shell)/机械寿命 : 5000+

2. 电气性能

Insert Configuration/针芯配置:3K. 310 10Low 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:750V(AC)
 Rated working current额定工作电流:12.0A
 Cable/配接电缆:φ9.1mm-φ10.0mm

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(头座插合)
 *ALL MATERIALS ARE RoHS COMPLIANT/所有材料均符合RoHS要求.



A

A

B

B

C

C

D

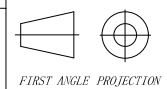
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|--------------------------|--------------|
| DRAWN BY: 绘图: P003 | 2024. 05. 28 |
| CHECKED BY: 审核: Z01 | 2024. 05. 28 |
| APPROVED BY: 核准: P005 | 2024. 05. 28 |



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| GENERAL TOLERANCE (UNLESS SPECIFIED) | ≤10 ±0.1 <10~≤20 ±0.15 <20~≤60 ±0.3 Angle ±1° |
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|-------------------|-----------------|--|
| 单位 UNIT: mm | 名称 PART NAME | TGG-3K直式插头（不带护套式尾帽） TGG-3K Straight Plug (without jacketed tail cap) |
| 比例 SCALE: 1: 1 | 型号 PART NAME | TGG. 3K. 310. CLAC102 |
| SIZE: A4 | REV/版本 | A1 |
| SHEET: 1 OF 1 | | |