

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次
 Cable/配接电缆: $\phi 5.1\text{mm}-\phi 6.0\text{mm}$

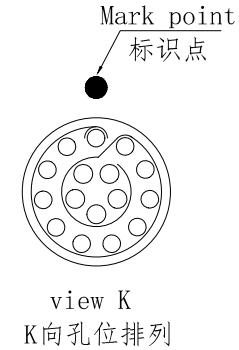
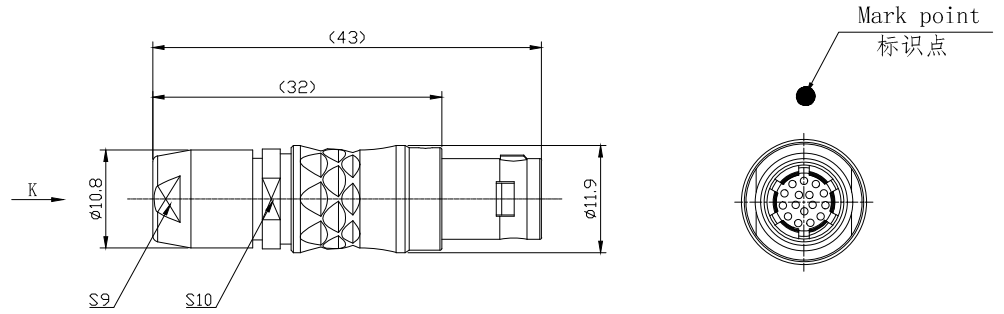
2. 电气性能

Insert Configuration/针芯配置: 1B.316 16Low 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: 750V(AC)
 Rated working current额定工作电流: 1.5A

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: IP50

*ALL MATERIALS ARE RoHS COMPLIANT/所有材料均符合RoHS要求.



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DRAWN BY: 绘图: P003 2024.05.28				单位 UNTT: mm	名称 PART NAME	1B-TG直式插头(不带护套式尾帽) 1B-TG Straight plug (without jacketed tail cap)
CHECKED BY: 审核: Z01 2024.05.28				比例 SCALE: 1: 1	型号 PART NAME	
APPROVED BY: 核准: P005 2024.05.28				SIZE: M4	TGG. 1B. 316. CLAD62	
GENERAL TOLERANCE (UNLESS SPECIFIED) $\leq 10 \pm 0.1$ $< 10 \sim \leq 20 \pm 0.15$ $< 20 \sim \leq 50 \pm 0.3$ Angle $\pm 1^\circ$		REV/版本 A1	SHEET: 1 OF 1			