

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:

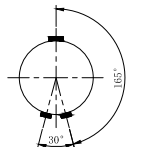
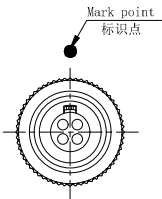
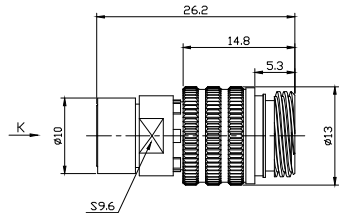
Vibration/振动 : 15g[10Hz~2000Hz]
 Shock Resistance/冲击 : 300g[3ms]
 Endurance (Shell)/机械寿命 : 2000次

2. 电气性能

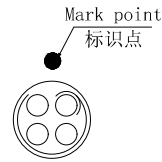
Insert Configuration/针芯配置:OM.304 4Low Voltage
 Pin Size/接触件直径:∅0.7mm
 Contact resistance接触电阻:≤12.5mΩ
 Insulation resistance/绝缘电阻:5000MΩ (测试电压500V(DC))
 Withstand voltage/耐电压:750V(AC)
 Rated working current额定工作电流:7.0A
 Cable/配接电缆: ∅4.6mm-∅5.8mm

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 : Gun color plated aluminium/铝合金镀枪色
 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 (头座配合)
 *ALL MATERIALS ARE RoHS COMPLIANT/所有材料均符合RoHS要求.



Socket front view
插座前视图



view K
K向孔位排列

GENERAL TOLERANCE (UNLESS SPECIFIED)
 ≤10 ±0.1
 <10 ~ ≤20 ±0.15
 <20 ~ ≤50 ±0.3
 Angle ±1°

DRAWN BY: 绘图: PD03 2024.05.28
 CHECKED BY: 审核: Z01 2024.05.28
 APPROVED BY: 核准: PD05 2024.05.28



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 FIRST ANGLE PROJECTION	单位 UNITS: mm 比例 SCALE: 1: 1	名称 PART NAME DMA-OM浮动式插座 DMA-OM Floating socket
	型号 PART NAME DMA. OM. 304. XLL	REV/版本 A1 SHEET: 1 OF 1