

1. Product main performance / 产品主要性能指标:

Operating Temperature / 工作温度: $-55^{\circ}\text{C} \sim 150^{\circ}\text{C}$
 Humidity (max) / 最大潮湿: $< 95\%$ [at $60^{\circ}\text{C} / 140^{\circ}\text{F}$]
 Shielding / 屏蔽性能: 75dB (10MHz) 40dB (1GHz)
 Salt Spray Corrosion / 盐雾: 96hr

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+
 Cable / 配接电缆: $\phi 2.1\text{mm} - \phi 3.0\text{mm}$

2. 电气性能

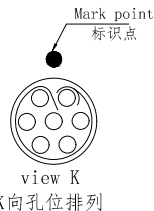
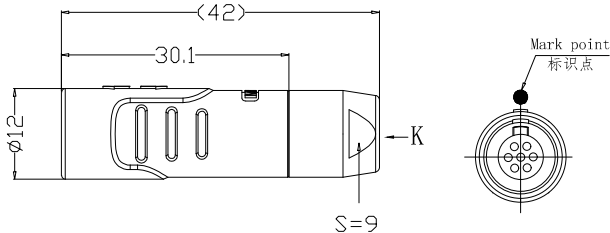
Insert Configuration / 针芯配置: 1BP. 307 7Low Voltage
 Pin Size / 接触件直径: $\phi 0.7\text{mm}$
 Contact resistance / 接触电阻: $\leq 12.5\text{m}\Omega$
 Insulation resistance / 绝缘电阻: $5000\text{M}\Omega$ (测试电压 500V (DC))
 Withstand voltage / 耐电压: 950V (AC)
 Rated working current / 额定工作电流: 7.0A

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: PEEK
 Other Shell Material / 其它壳体材质: 铜镀镍
 Insulator material / 绝缘体材料: PPS
 IP Rating / 防护等级: IP50

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

REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/绘图

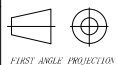


DRAWN BY:
 绘图: PD03 2024.05.28
 CHECKED BY:
 审核: Z01 2024.05.28
 APPROVED BY:
 核准: PD05 2024.05.28



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GENERAL TOLERANCE
 (UNLESS SPECIFIED)
 $\leq 10 \pm 0.1$
 $< 10^{\circ} \leq 20^{\circ} \pm 0.15$
 $< 20^{\circ} \leq 50^{\circ} \pm 0.3$
 Angle $\pm 1^{\circ}$



FIRST ANGLE PROJECTION

单位
 UNIT: mm

比例
 SCALE: 1: 1

尺寸
 SIZE: A4

REV/版本 A1 SHEET: 1 OF 1

名称
 PART NAME

型号
 PART NAME

DHG-1BP浮动式插座 (不带护套式尾座)
 DHG-1BP Floating socket
 (without jacketed tail cap)

DHG. 1BP. 307. KWLLD32