

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: $\leq 95\%$ [at $60^{\circ}\text{C} / 140^{\circ}\text{F}$]

Shielding /屏蔽性能: $75\text{dB}(10\text{MHz}) \quad 40\text{dB}(1\text{GHz})$

Salt Spray Corrosion/盐雾: 96hr

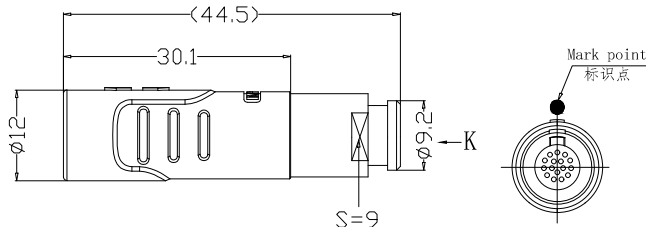
Mechanical data/机械特性:

Vibration/振动: $15\text{g}[10\text{Hz} \sim 2000\text{Hz}]$

Shock Resistance/冲击: $100\text{g}[6\text{ms}]$

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.316 16Low Voltage

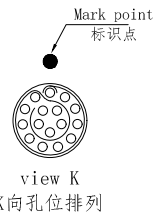
Pin Size/接触件直径: $\phi 0.5\text{mm}$

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 $500\text{V}(\text{DC})$)

Withstand voltage/耐电压: $750\text{V}(\text{AC})$

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: PEEK



Other Shell Material/其它壳体材质: 铜电镀

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/空腔内容	DATE/日期	DRAWN BY/制图

DRAWN BY: 2024.05.28 绘图: PDD5 CHECKED BY: 2024.05.28 审核: Z01 APPROVED BY: 2024.05.28 核准: PDD5		 美易连电子科技(深圳)有限公司 Meiyilian electronic technology (shenzhen) Co., Ltd.	
GENERAL TOLERANCE (UNLESS SPECIFIED) $\leq 10 \pm 0.1$ $< 10^{\circ} \sim 20^{\circ} \pm 0.15$ $< 20^{\circ} \sim 50^{\circ} \pm 0.3$ Angle $\pm 1^{\circ}$		单位 UNIT: mm 比例 SCALE: 1:1 名称 PART NAME DHG-1BP浮动式插座(带护套式尾帽) DHG-1BP floating socket (with jacketed tail cap)	型号 PART NAME DHG. 1BP. 316. KWLLD32Z
FIRST ANGLE PROJECTION		SIZE: A4 SHEET: 1 OF 1	REV/版本: A1