

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 $60\text{ deg C} / 140\text{ F}$]

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

Salt Spray Corrosion/盐雾: 96hr

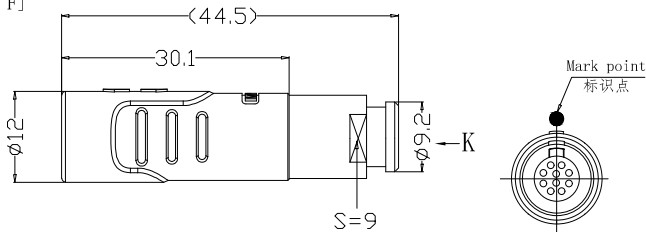
Mechanical data/机械特性:

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: $\phi 4.1\text{mm}-\phi 5.0\text{mm}$



2. 电气性能

Insert Configuration/针芯配置: $1\text{BP}.310\ 10\text{Low Voltage}$

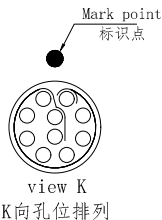
Pin Size/接触件直径: $\phi 0.5\text{mm}$

Contact resistance接触电阻: $\leq 15\text{m}\Omega$

Insulation resistance/绝缘电阻: 5000Ω (测试电压 $500\text{V}(\text{DC})$)

Withstand voltage/耐电压: $900\text{V}(\text{AC})$

Rated working current额定工作电流: 2.5A



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 |



美易连电子科技(深圳)有限公司
Meiyilian electronic technology (shenzhen) Co., Ltd.

| | | | | |
|--|------------------------|------------------|-----------------|---|
| GENERAL TOLERANCE (UNLESS SPECIFIED) $\leq 10 \pm 0.1$ $< 10^{\circ} \leq 20 \pm 0.15$ $< 20^{\circ} \leq 50 \pm 0.3$ Angle $\pm 1^{\circ}$ | | 单位 UNIT: mm | 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) |
| | FIRST ANGLE PROJECTION | 比例 SCALE: 1:1 | 型号 PART NAME | DHG. 1BP. 310. KWLLD52Z |
| REV/版本 | A1 | SHEET: 1 OF 1 | | |