

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: $75\text{dB}(10\text{MHz}) \quad 40\text{dB}(1\text{GHz})$
 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: $\phi 4.1\text{mm} - \phi 5.0\text{mm}$

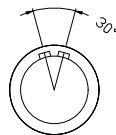
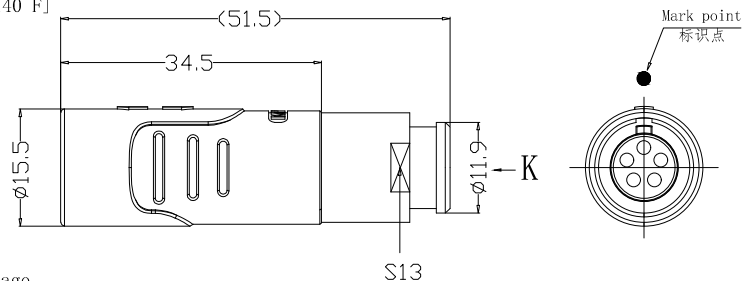
2. 电气性能

Insert Configuration/针芯配置: $2\text{BP}.305 \text{ 5Low Voltage}$
 Pin Size/接触件直径: $\phi 1.3\text{mm}$
 Contact resistance接触电阻: $\leq 5\text{m}\Omega$
 Insulation resistance/绝缘电阻: $5000\text{M}\Omega$ (测试电压 $500\text{V}(\text{DC})$)
 Withstand voltage/耐电压: $1750\text{V}(\text{AC})$
 Rated working current额定工作电流: 14.0A

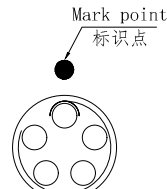
Other Specification/其它规格:

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.



Socket front view
插座前视图



view K
K向孔位排列

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

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|--------------------------|------------|
| DRAWN BY: 绘图: P003 | 2024.05.28 |
| CHECKED BY: 审核: Z01 | 2024.05.28 |
| APPROVED BY: 核准: P005 | 2024.05.28 |



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

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|---|---------------------|-----------------|------------------------|-------------------|-----------|---|
| GENERAL TOLERANCE (UNLESS SPECIFIED) | ≤ 10 | ± 0.1 | FIRST ANGLE PROJECTION | UNIT: mm | 名称 | DHA-2BP浮动式插座(带护套式尾帽) |
| | $< 10 \sim \leq 20$ | ± 0.15 | | 比例 SCALE: 1: 1 | PART NAME | DHA-2BP Floating socket (with jacketed tail cap) |
| | $< 20 \sim \leq 50$ | ± 0.3 | | SIZE: A4 | 型号 | DHA. 2BP. 305. KWLLD52Z |
| | Angle | $\pm 1^{\circ}$ | | REV/版本 | A1 | SHEET: 1 OF 1 |

