

### 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:  $75\text{dB}(10\text{MHz}) \quad 40\text{dB}(1\text{GHz})$

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:  $\phi 9.1\text{mm} - \phi 10.0\text{mm}$

### 2. 电气性能

Insert Configuration/针芯配置: 2BP. 303 3Low Voltage

Pin Size/接触件直径:  $\phi 1.6\text{mm}$

Contact resistance接触电阻:  $\leq 4\text{m}\Omega$

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

Withstand voltage/耐电压:  $2400\text{V}(\text{AC})$

Rated working current额定工作电流:  $17.0\text{A}$

#### Other Specification/其它规格:

Contact PIN/接触体: Gold plated Tin bronze/锡青铜镀金

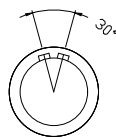
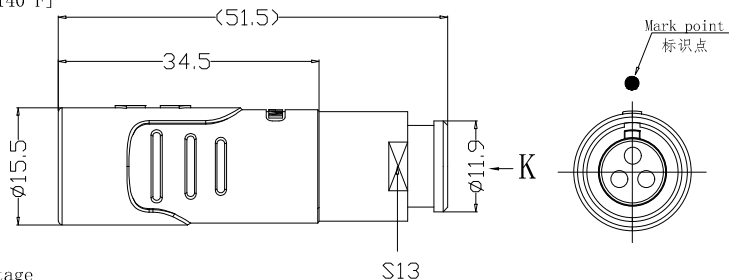
Housing Material/外壳材质: PEEK

Other Shell Material/其它壳体材质: 铜镀镍

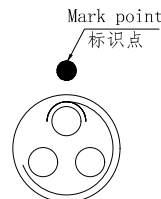
Insulator material/绝缘体材料: PPS

IP Rating/防护等级: IP50


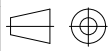
\*ALL MATERIALS ARE RoHS COMPLIANT/所有材料均符合RoHS要求.



Socket front view  
插座前视图



view K  
K向孔位排列

|  |   |                   |  |
|--|---|-------------------|--|
| DRAWN BY:<br>绘图: P903<br>2024. 05. 28<br>CHECKED BY:<br>审核: Z01<br>2024. 05. 28<br>APPROVED BY:<br>核准: P905<br>2024. 05. 28                                |  美易连电子科技(深圳)有限公司<br>Meiyilian electronic technology (shenzhen) Co., Ltd. |                   |  |
| GENERAL TOLERANCE<br>(UNLESS SPECIFIED)<br>$\leq 10 \pm 0.1$<br>$< 10^{\circ} \leq 20 \pm 0.15$<br>$< 20^{\circ} \leq 30 \pm 0.3$<br>Angle $\pm 1^{\circ}$ | <br>FIRST ANGLE PROJECTION   | 单位<br>UNIT: mm    | 名称<br>PART NAME  |
|  |   | 比例<br>SCALE: 1: 1 | 型号<br>PART NAME  |
| REV/版本<br>A1   | SHEET: 1 OF 1   | 名称<br>PART NAME   | DHA-2BP浮动式插座(带护套尾帽)<br>DHA-2BP Floating socket<br>(with jacketed tail cap) |
|  |   | 型号<br>PART NAME   | DHA. 2BP. 303. KWLLD102Z   |