

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:  $\phi 4.4\text{mm} - \phi 5.3\text{mm}$

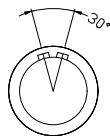
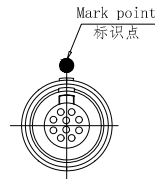
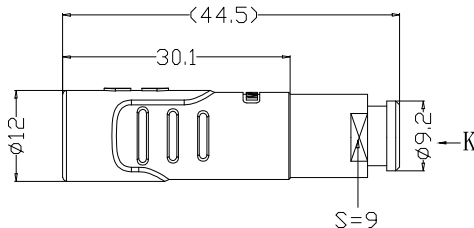
2. 电气性能

Insert Configuration/针芯配置: 1BP. 310 10Low 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:  $900\text{V}(\text{AC})$   
 Rated working current额定工作电流:  $2.5\text{A}$

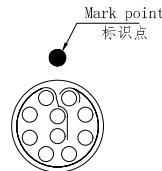
Other Specification/其它规格:

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: PEEK  
 IP Rating/防护等级: IP50

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




Plug front view  
插头前视图



view K  
K向孔位排列

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

|   |    |   |  |
|---|----|---|--|
| DRAWN BY:<br>绘图: P003 2024.05.28  |    |  美易连电子科技(深圳)有限公司<br>Meiyilian electronic technology (shenzhen) Co., Ltd. |  |
| CHECKED BY:<br>审核: Z01 2024.05.28   |    |   |  |
| APPROVED BY:<br>核准: P005 2024.05.28   |    |   |  |
| GENERAL TOLERANCE (UNLESS SPECIFIED)<br>$\leq 10 \pm 0.1$<br>$< 10^{\circ} \sim 30^{\circ} \pm 0.15$<br>$< 20^{\circ} \sim 50^{\circ} \pm 0.3$<br>Angle $\pm 1^{\circ}$ |    | 单位<br>UNT: mm<br>比例<br>SCALE: 1:1<br>型号<br>SIZE: AA   | 名称<br>PART NAME<br>DHA-1BP浮动式插座(带护套式尾帽)<br>DHA-1BP Floating socket<br>(with jacketed tail cap) |
| REV/版本  | A1 | SHEET: 1 OF 1   | 型号<br>PART NAME<br>DHA. 1BP. 310. KWKL58Z  |