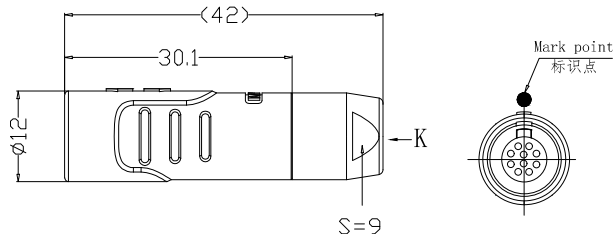


# 1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度:  $-55^{\circ}\text{C} \sim 150^{\circ}\text{C}$   
 Humidity(max)/最大潮湿:  $<95\%$  [at 60 deg C / 140 F]  
 Shielding /屏蔽性能: 75dB(10MHz) 40dB(1GHz)  
 Salt Spray Corrosion/盐雾: 96hr

## Mechanical data/机械特性:

Vibration/振动: 15g[10Hz~2000Hz]  
 Shock Resistance/冲击: 100g[6ms]  
 Endurance (Shell)/机械寿命: 5000+  
 Cable/配接电缆:  $\phi 3.1\text{mm} - \phi 4.0\text{mm}$



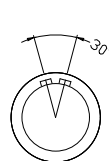
## 2. 电气性能

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500V(DC))  
 Withstand voltage/耐电压: 900V(AC)  
 Rated working current额定工作电流: 2.5A

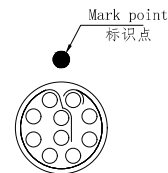
## Other Specification/其它规格:

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: 铜电镀  
 Insulator material/绝缘体材料: PEEK  
 IP Rating/防护等级: IP50


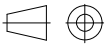
\*ALL MATERIALS ARE RoHS COMPLIANT/所有材料均符合RoHS要求.



Plug front view  
插头前视图



view K  
K向孔位排列

|  |   |   |
|--|---|---|
| DRAWN BY:<br>绘图: P003<br>CHECKED BY:<br>审核: Z01<br>APPROVED BY:<br>核准: P005<br>2024.05.28<br>2024.05.28<br>2024.05.28                                      |  美易连电子科技(深圳)有限公司<br>Meiyilian electronic technology (shenzhen) Co., Ltd. | 名称<br>名称<br>PART NAME<br>DHA-1BP浮动式插座 (不带护套式尾帽)<br>DHA-1BP floating socket<br>(without jacketed tail cap) |
| 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<br>比例<br>SCALE: 1: 1<br>型号<br>PART NAME<br>DHA. 1BP. 310. KWLD42                           |
| REV/版本<br>A1   | SHEET: 1 OF 1   | 型号<br>PART NAME<br>DHA. 1BP. 310. KWLD42  |