

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:  $96\text{hr}$

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

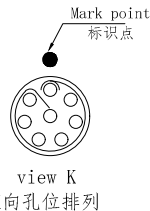
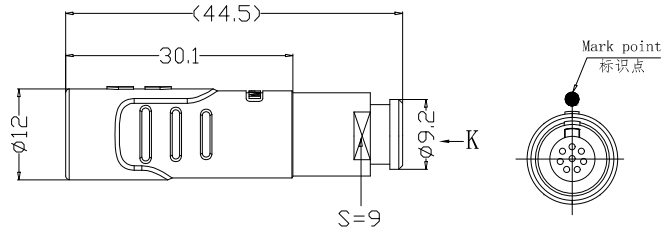
Insert Configuration / 针芯配置: 1BP. 308 8Low Voltage  
 Pin Size / 接触件直径:  $\phi 0.7\text{mm}$   
 Contact resistance / 接触电阻:  $\leq 12.5\text{m}\Omega$   
 Insulation resistance / 绝缘电阻:  $5000\text{M}\Omega$  (测试电压  $500\text{V} (\text{DC})$ )  
 Withstand voltage / 耐电压:  $950\text{V} (\text{AC})$   
 Rated working current / 额定工作电流:  $5.0\text{A}$

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: PEEK  
 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 |
|--------|------------------|---------|-------------|
|        |                  |         |             |

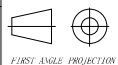


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|--------------------------|------------|
| DRAWN BY:<br>绘图: P003    | 2024.05.28 |
| CHECKED BY:<br>审核: Z01   | 2024.05.28 |
| APPROVED BY:<br>核准: P005 | 2024.05.28 |



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|   |   |
|---|---|
| GENERAL TOLERANCE<br>(UNLESS SPECIFIED) | $\leq 10 \quad \pm 0.1$<br>$< 10^{\circ} \leq 20 \quad \pm 0.15$<br>$< 20^{\circ} \leq 50 \quad \pm 0.3$<br>Angle $\pm 1^{\circ}$ |
|---|---|



|                  |
|------------------|
| 单位<br>UNIT: mm   |
| 比例<br>SCALE: 1:1 |
| 比例<br>SCALE: NA  |

|                 |  |
|-----------------|--|
| 名称<br>PART NAME | DHG-1BP浮动式插座 (带护套式尾座)<br>DHG-1BP floating socket<br>(with jacketed tail cap) |
| 型号<br>PART NAME | DHG. 1BP. 308. KWKL52Z   |

|        |    |               |
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| REV/版本 | A1 | SHEET: 1 OF 1 |
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