

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

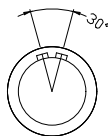
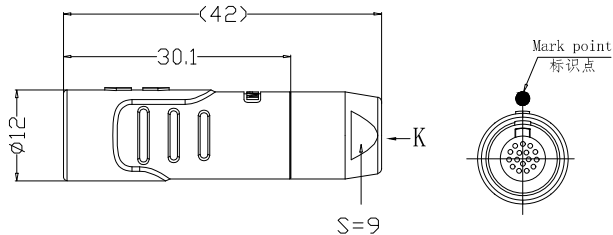
Insert Configuration/针芯配置:  $1\text{BP}, 316$   $16\text{Low Voltage}$   
 Pin Size/接触件直径:  $\phi 0.5\text{mm}$   
 Contact resistance接触电阻:  $\leq 15\text{m}\Omega$   
 Insulation resistance/绝缘电阻:  $5000\text{M}\Omega$  (测试电压 $500\text{V}(\text{DC})$ )  
 Withstand voltage/耐电压:  $750\text{V}(\text{AC})$   
 Rated working current额定工作电流:  $1.5\text{A}$

### Other Specification/其它规格:

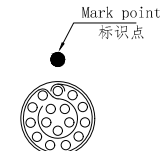
Contact PIN/接触体: Gold plated Tin bronze/锡青铜镀金  
 Housing Material/外壳材质: PEEK  
 Other Shell Material/其它壳体材质: 铜镀镍  
 Insulator material/绝缘体材料: PPS  
 IP Rating/防护等级: IP50

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

REV/版本	DESCRIPTION/更改内容	DATE/日期	DRAWN BY/绘图



Socket front view  
插座前视图



view K  
K向孔位排列

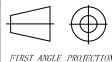
DRAWN BY: 2024.05.28  
 绘图: P003  
 CHECKED BY: 2024.05.28  
 审核: Z01  
 APPROVED BY: 2024.05.28  
 核准: P005



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GENERAL TOLERANCE  
 (UNLESS SPECIFIED)

$\leq 10 \pm 0.1$   
 $< 10^{\circ} \sim 20^{\circ} \pm 0.15$   
 $< 20^{\circ} \sim 30^{\circ} \pm 0.3$   
 Angle  $\pm 1^{\circ}$



FIRST ANGLE PROJECTION

REV/版本

A1

单位  
UNIT: mm

比例  
SCALE: 1: 1

名称  
PART NAME

型号  
PART NAME

DHA-1BP浮动式插座 (不带护套式尾帽)  
 DHA-1BP Floating socket  
 (without jacketed tail cap)

DHA. 1BP. 316. KWLLD52