

## 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 :  $\leq 95\%$  [at  $60\text{ deg C} / 140\text{ F}$ ]  
 Shielding /屏蔽性能 : 75dB(10MHz) 40dB(1GHz)  
 Salt Spray Corrosion/盐雾 : 96hr

### Mechanical data/机械特性:

Vibration/振动 :  $15\text{g}$ [ $10\text{Hz}\sim 2000\text{Hz}$ ]  
 Shock Resistance/冲击 :  $100\text{g}$ [ $6\text{ms}$ ]  
 Endurance (Shell)/机械寿命 : 5000+  
 Cable/配接电缆:  $\phi 2.4\text{mm}\sim\phi 3.3\text{mm}$

## 2. 电气性能

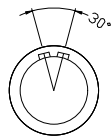
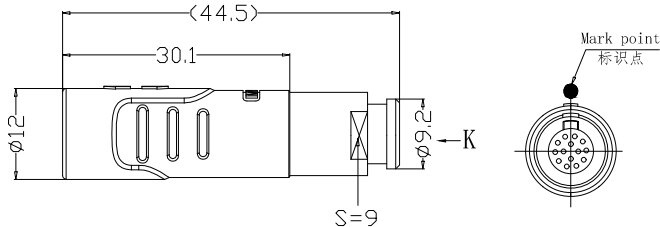
Insert Configuration/针芯配置: 1BP. 314 14Low Voltage  
 Pin Size/接触件直径:  $\phi 0.5\text{mm}$   
 Contact resistance接触电阻:  $\leq 15\text{m}\Omega$   
 Insulation resistance/绝缘电阻:  $5000\text{M}\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压: 750V(AC)  
 Rated working current额定工作电流: 2.0A

### Other Specification/其它规格:

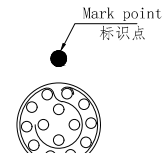
Contact PIN/接触体 : Gold plated Tin bronze/锡青铜镀金  
 Housing Material/外壳材质 : PEEK  
 Other Shell Material/其它壳体材质 : 铜镀镍  
 Insulator material/绝缘体材料 : PPS  
 IP Rating/防护等级 : IP50

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

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



Socket front view  
插座前视图



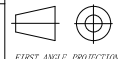
view K  
K向孔位排列

DRAWN BY:  
绘图: PDD3 2024.05.28  
 CHECKED BY:  
审核: Z01 2024.05.28  
 APPROVED BY:  
核准: PDD5 2024.05.28



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GENERAL TOLERANCE  
(UNLESS SPECIFIED)  
 $\leq 10 \pm 0.1$   
 $< 10 \sim \leq 20 \pm 0.15$   
 $< 20 \sim \leq 50 \pm 0.3$   
 Angle  $\pm 1^{\circ}$



FIRST ANGLE PROJECTION

单位  
(UNIT): mm  
 比例  
(SCALE): 1:1

SIZE: A4  
 SHEET: 1 OF 1

名称 PART NAME	DHA-1BP浮动式插座 (带护套式尾帽) DHA-1BP Floating socket (with jacketed tail cap)
型号 PART NAME	DHA. 1BP. 314. KWLLD35Z