

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

Operating Temperature/工作温度 : -55℃~150℃  
 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:  $\phi 9.1\text{mm}-\phi 10.0\text{mm}$

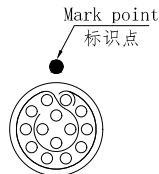
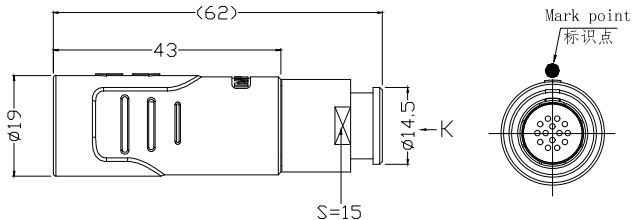
### 2. 电气性能

Insert Configuration/针芯配置: 3BP.314 14Low Voltage  
 Pin Size/接触件直径:  $\phi 0.9\text{mm}$   
 Contact resistance接触电阻:  $\leq 6\text{m}\Omega$   
 Insulation resistance/绝缘电阻: 5000M $\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压: 1200V(AC)  
 Rated working current额定工作电流: 9.0A

### 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.



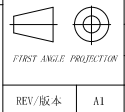
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K向孔位排列

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

|                          |            |
|--------------------------|------------|
| 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) |               |
| $\leq 10$                               | $\pm 0.1$     |
| $< 10^\circ \leq 20$                    | $\pm 0.15$    |
| $< 20^\circ \leq 50$                    | $\pm 0.3$     |
| Angle                                   | $\pm 1^\circ$ |



|                  |                 |   |
|------------------|-----------------|---|
| 单位<br>UNIT: mm   | 名称<br>PART NAME | DHG-3BP浮动式插座(带护套式尾帽)<br>DHG-3BP Floating socket<br>(with jacketed tail cap) |
| 比例<br>SCALE: 1:1 |                 |   |
| 尺寸<br>SIZE: A1   | 型号<br>PART NAME | DHG. 3BP. 314. KWKLD102Z  |
| REV/版本           | A1              | SHEET: 1 OF 1   |