

# 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:  $\phi 10.1\text{mm}-\phi 11.0\text{mm}$

## 2. 电气性能

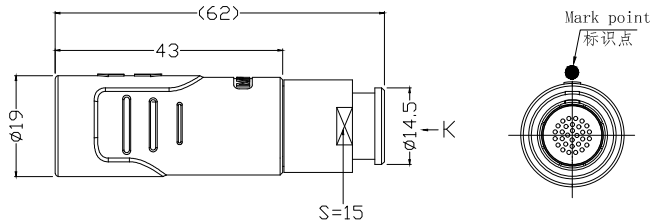
Insert Configuration/针芯配置: 3BP.330 30Low Voltage  
 Pin Size/接触件直径:  $\phi 0.7\text{mm}$   
 Contact resistance接触电阻:  $\leq 4.5\text{m}\Omega$   
 Insulation resistance/绝缘电阻:  $5000\text{M}\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压:  $800\text{V(AC)}$   
 Rated working current额定工作电流: 3.5A

## 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/描述内容 | DATE/日期 | DRAWN BY/绘图 |
|--------|------------------|---------|-------------|
|        |                  |         |             |



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K向孔位排列

|                          |            |
|--------------------------|------------|
| 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)<br>$\leq 10 \pm 0.1$<br>$< 10^\circ \leq 20 \pm 0.15$<br>$> 20^\circ \leq 50 \pm 0.3$<br>Angle $\pm 1'$ | FIRST ANGLE PROJECTION | 单位<br>UNIT: mm    | 名称<br>PART NAME | DHG-3BP浮动式插座(带护套式尾座)<br>DHG-3BP Floating socket<br>(with jacketed tail cap) |
|   |                        | 比例<br>SCALE: 1: 1 | 型号<br>PART NAME |   |
| 尺寸<br>SIZE: A4  | REV/版本                 | A1                | SHEET: 1 OF 1   | DHG. 3BP. 330. KWKLD112Z  |