

# 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 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:  $15\text{g}$  [10Hz~2000Hz]  
 Shock Resistance/冲击:  $100\text{g}$  [6ms]  
 Endurance (Shell)/机械寿命: 5000+  
 Cable/配接电缆:  $\phi 10.1\text{mm} \sim \phi 11.0\text{mm}$

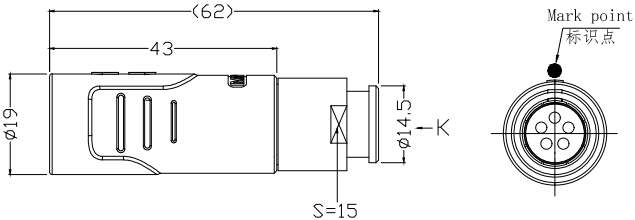
## 2. 电气性能

Insert Configuration/针芯配置: 3BP.305 5Low Voltage  
 Pin Size/接触件直径:  $\phi 1.6\text{mm}$   
 Contact resistance接触电阻:  $\leq 4\text{m}\Omega$   
 Insulation resistance/绝缘电阻:  $5000\text{M}\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压:  $1900\text{V}$  (AC)  
 Rated working current额定工作电流:  $19.0\text{A}$

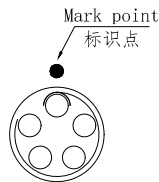
## Other Specification/其它规格:

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.



S=15



view K  
K向孔位排列

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

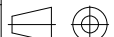
DRAWN BY: 绘图: P003	2024.05.28
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GENERAL TOLERANCE  
(UNLESS SPECIFIED)

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



FIRST ANGLE PROJECTION

单位

UNIT: mm

名称

PART NAME

比例

SCALE: 1: 1

型号

PART NAME

REV/版本

A1

SHEET: 1 OF 1

DHG-3BP浮动式插座 (带护套式尾帽)  
DHG-3BP Floating socket  
(with jacketed tail cap)

DHG. 3BP. 305. KWKLD112Z