

## 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:  $\phi 10.9\text{mm}-\phi 11.8\text{mm}$

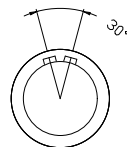
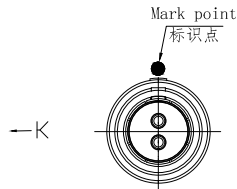
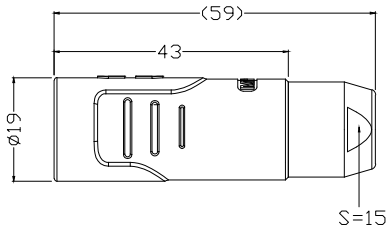
## 2. 电气性能

Insert Configuration/针芯配置: 3BP.302 2Low Voltage  
 Pin Size/接触件直径:  $\phi 3.0\text{mm}$   
 Contact resistance接触电阻:  $\leq 3\text{m}\Omega$   
 Insulation resistance/绝缘电阻: 5000M $\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压: 2100V(AC)  
 Rated working current额定工作电流: 35.0A

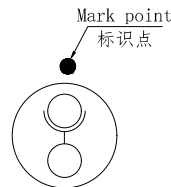
### Other Specification/其它规格:

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: PEEK  
 IP Rating/防护等级 : IP50

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



Socket front view  
插座前视图



view K  
K向孔位排列

| REV/版本 | DESCRIPTION/变更内容 | 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)<br>$\leq 10 \pm 0.1$<br>$< 10 \sim \leq 20 \pm 0.15$<br>$> 20 \sim \leq 50 \pm 0.3$<br>Angle $\pm 1'$ | FIRST ANGLE PROJECTION | 单位<br>(UNIT): mm    | 名称        | DH1-3BP浮动式插座 (不带护套式尾帽)<br>DH1-3BP Floating socket<br>(without jacketed tail cap) |
|   |                        | 比例<br>(SCALE): 1: 1 | PART NAME |  |
| REV/版本  | A1                     | SIZE: A4            | 型号        | DH1. 3BP. 302. KWKLD120  |
| SHEET: 1 OF 1   |                        | PART NAME           |           |  |