

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:  $\phi 2.1\text{mm}-\phi 3.0\text{mm}$

2. 电气性能

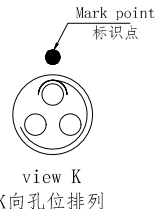
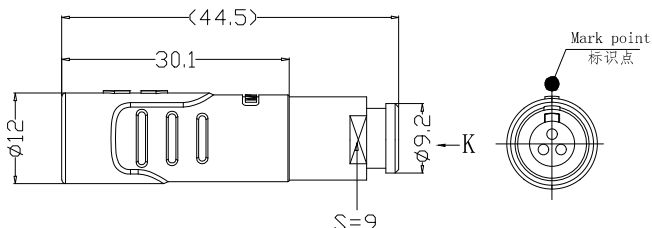
Insert Configuration/针芯配置: 1BP. 303 3Low Voltage  
 Pin Size/接触件直径:  $\phi 1.3\text{mm}$   
 Contact resistance接触电阻:  $\leq 5\text{m}\Omega$   
 Insulation resistance/绝缘电阻:  $5000\text{M}\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压: 1300V(AC)  
 Rated working current额定工作电流: 12.0A

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.

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



DRAWN BY:  
绘图: P003 2024.05.28  
 CHECKED BY:  
审核: Z01 2024.05.28  
 APPROVED BY:  
核准: P005 2024.05.28



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| GENERAL TOLERANCE (UNLESS SPECIFIED) |               |
|--------------------------------------|---------------|
| $\leq 10$                            | $\pm 0.1$     |
| $< 10^\circ \leq 20$                 | $\pm 0.15$    |
| $> 20^\circ \leq 50$                 | $\pm 0.3$     |
| Angle                                | $\pm 1^\circ$ |

|        |             |               |  |
|--------|-------------|---------------|--|
|        | 单位: mm      | 名称            | DHG-1BP浮动式插座(带护套式尾帽)                             |
|        | 比例          | PART NAME     | DHG-1BP floating socket (with jacketed tail cap) |
|        | SCALE: 1: 1 | 型号            | DHG. 1BP. 303. KWKLD32Z                          |
|        | SIZE: A1    | PART NAME     |  |
| REV/版本 | A1          | SHEET: 1 OF 1 |  |