

### 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:  $\leq 95\%$  [at 60 deg C / 140 F]

Shielding /屏蔽性能: 75dB(10MHz) 40dB(1GHz)

Salt Spray Corrosion/盐雾: 96hr

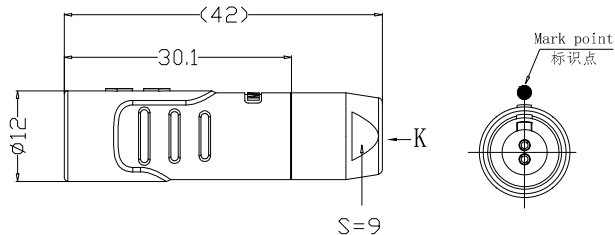
Mechanical data/机械特性:

Vibration/振动: 15g[10Hz~2000Hz]

Shock Resistance/冲击: 100g[6ms]

Endurance (Shell)/机械寿命: 5000+

Cable/配接电缆: $\phi 3.1\text{mm}-\phi 4.0\text{mm}$



### 2. 电气性能

Insert Configuration/针芯配置: 1BP.302 2Low Voltage

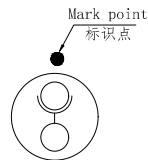
Pin Size/接触件直径: $\phi 1.3\text{mm}$

Contact resistance接触电阻: $\leq 5\text{m}\Omega$

Insulation resistance/绝缘电阻: 5000M $\Omega$  (测试电压500V(DC))

Withstand voltage/耐电压: 1500V(AC)

Rated working current额定工作电流: 15.0A



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: 铜镍银

Insulator material/绝缘体材料: PEEK

IP Rating/防护等级: IP50

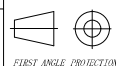
\*ALL MATERIALS ARE RoHS COMPLIANT/所有材料均符合RoHS要求.

DRAWN BY:  
绘图: P003 2024.05.28  
CHECKED BY:  
审核: Z01 2024.05.28  
APPROVED BY:  
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GENERAL TOLERANCE  
(UNLESS SPECIFIED)  
 $\leq 10 \pm 0.1$   
 $< 10^{\circ} \sim \leq 20^{\circ} \pm 0.15$   
 $< 20^{\circ} \sim \leq 30^{\circ} \pm 0.3$   
Angle  $\pm 1^{\circ}$



单位  
UNIT: mm

名称  
PART NAME

DHG-1BP浮动式插座 (不带护套式尾帽)  
DHG-1BP Floating socket  
(without jacketed tail cap)

比例  
SCALE: 1: 1

型号  
PART NAME

DHG. 1BP. 302. KWLD42

REV/版本  
A1

SHEET: 1 OF 1