

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

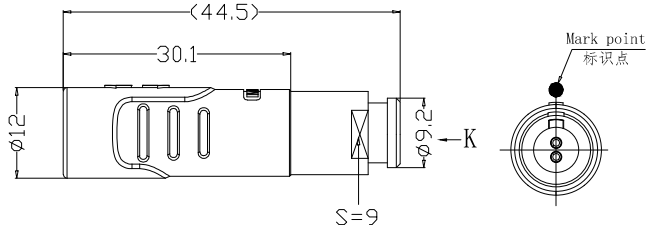
Mechanical data/机械特性:

Vibration/振动: 15g[10Hz~2000Hz]

Shock Resistance/冲击: 100g[6ms]

Endurance (Shell)/机械寿命: 5000+

Cable/配接电缆:  $\phi 5.1\text{mm}-\phi 6.0\text{mm}$



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:  $5000\text{M}\Omega$  (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

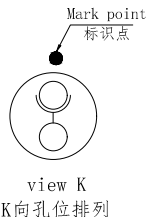
Other Shell Material/其它壳体材质: 铜镀镍

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 |
|--------|------------------|---------|-------------|
|        |                  |         |             |



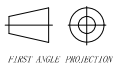
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|--------------------------|--------------|
| DRAWN BY:<br>绘图: P003    | 2024. 05. 28 |
| CHECKED BY:<br>审核: Z01   | 2024. 05. 28 |
| APPROVED BY:<br>核准: P005 | 2024. 05. 28 |



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GENERAL TOLERANCE  
(UNLESS SPECIFIED)

|                     |               |
|---------------------|---------------|
| $\leq 10$           | $\pm 0.1$     |
| $< 10 \sim \leq 20$ | $\pm 0.15$    |
| $< 20 \sim \leq 50$ | $\pm 0.3$     |
| Angle               | $\pm 1^\circ$ |



单位  
UNIT: mm

比例  
SCALE: 1: 1

尺寸  
SIZE: NA

REV/版本

A1

名称  
PART NAME

型号  
PART NAME

SHEET: 1 OF 1

DHG-1BP浮动式插座(带护套式尾帽)  
DHG-1BP floating socket  
(with jacketed tail cap)

DHG. 1BP. 302. KWKLD62Z