

# 1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度: -55°C~150°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

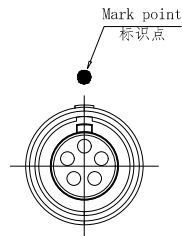
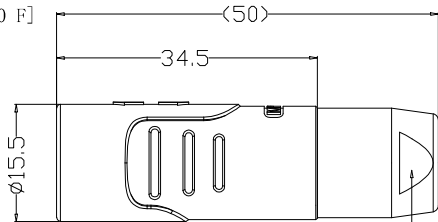
## Mechanical data/机械特性:

Vibration/振动: 15g[10Hz~2000Hz]

Shock Resistance/冲击: 100g[6ms]

Endurance (Shell)/机械寿命: 5000+

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



# 2. 电气性能

Insert Configuration/针芯配置: 2BP.305 5Low Voltage

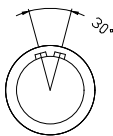
Pin Size/接触件直径:  $\phi 1.3\text{mm}$

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

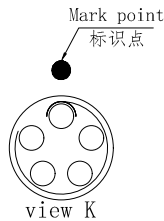
Insulation resistance/绝缘电阻: 5000M $\Omega$  (测试电压500V(DC))

Withstand voltage/耐电压: 1750V(AC)

Rated working current额定工作电流: 14.0A



Socket front view  
插座前视图



view K  
K向孔位排列

## 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: PPS

IP Rating/防护等级: IP50

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

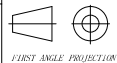
REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/绘图

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  $\pm 1^\circ$



FIRST ANGLE PROJECTION

单位  
UNITS: mm  
名称  
比例  
SCALE: 1:1  
SIZE: A4

REV/版本 A1 SHEET: 1 OF 1

名称  
PART NAME  
DHA-2BP浮动式插座(不带护套式尾帽)  
DHA-2BP Floating socket  
(without jacketed tail cap)  
型号  
PART NAME  
DHA.2BP.305.KWLLD42