

## 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:  $\phi 7.1\text{mm}-\phi 8.0\text{mm}$

## 2. 电气性能

Insert Configuration/针芯配置:2BP.319 19Low Voltage

Pin Size/接触件直径: $\phi 0.7\text{mm}$

Contact resistance接触电阻: $\leq 12.5\text{m}\Omega$

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

Withstand voltage/耐电压:950V(AC)

Rated working current额定工作电流:5.0A

### 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

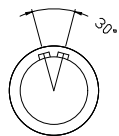
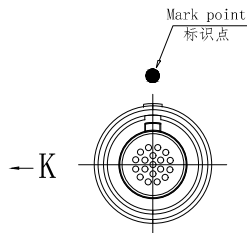
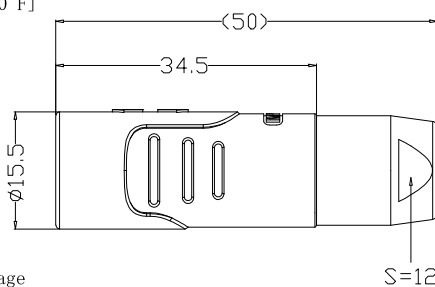
Other Shell Material/其它壳体材质 : 铜镀镍

Insulator material/绝缘体材料 : PPS

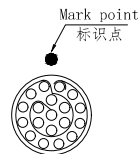
IP Rating/防护等级 : IP50

\*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



Socket front view  
插座前视图



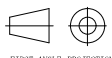
view K  
K向孔位排列

DRAWN BY: 绘图: P003	2024. 05. 28
CHECKED BY: 审核: Z01	2024. 05. 28
APPROVED BY: 批准: P003	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 $\pm 1^\circ$



FIRST ANGLE PROJECTION

单位  
UNIT: mm  
比例  
SCALE: 1: 1

名称  
PART NAME

DHA-2BP浮动插座 (不带护套尾帽)  
DHA-2BP Floating socket  
(without jacketed tail cap)

型号  
PART NAME

DHA. 2BP. 319. KWLLD82

REV/版本 A1

SHEET: 1 OF 1