

## 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

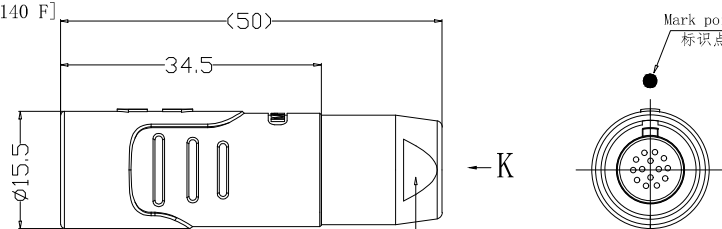
### Mechanical data/机械特性:

Vibration/振动: 15g[10Hz~2000Hz]

Shock Resistance/冲击: 100g[6ms]

Endurance (Shell)/机械寿命: 5000+

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



S=12

Mark point  
标识点

view K  
K向孔位排列

## 2. 电气性能

Insert Configuration/针芯配置: 2BP.314 14Low 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: 1150V(AC)

Rated working current额定工作电流: 6.5A

### 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.

DRAWN BY:  
绘图: P003

2024.05.28

CHECKED BY:  
审核: Z01

2024.05.28

APPROVED BY:  
核准: P005

2024.05.28



美易连电子科技(深圳)有限公司

Meiyilian electronic technology (shenzhen) Co., Ltd.

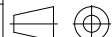
GENERAL TOLERANCE  
(UNLESS SPECIFIED)

$\leq 10 \pm 0.1$

$< 10^{\circ} \sim 20^{\circ} \pm 0.15$

$< 20^{\circ} \sim 50^{\circ} \pm 0.3$

Angle  $\pm 1^{\circ}$



FIRST ANGLE PROJECTION

单位  
UNIT: mm

名称  
PART NAME

比例  
SCALE: 1: 1

型号  
PART NAME

REV/版本  
A1

SHEET 1 OF 1

DHG-2BP浮动式插座(不带护套式尾帽)  
DHG-2BP Floating socket  
(without jacketed tail cap)

型号  
DHG. 2BP. 314. KWLLD42