

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:  $< 95\%$  [at  $60^{\circ}\text{C} / 140^{\circ}\text{F}$ ]

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: 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

Other Specification/其它规格:

Contact PIN/接触体: Gold plated Tin bronze/锡青铜镀金

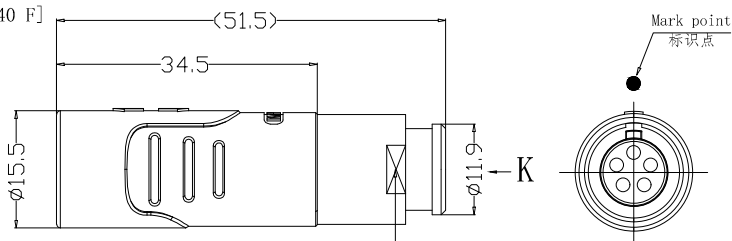
Housing Material/外壳材质: PEEK

Other Shell Material/其它壳体材质: 铜镀镍

Insulator material/绝缘体材料: PPS

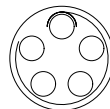
IP Rating/防护等级: IP50

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



S13

Mark point  
标识点



view K

K向孔位排列

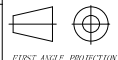
DRAWN BY:  
绘图: PD03 2024.05.28  
CHECKED BY:  
审核: Z01 2024.05.28  
APPROVED BY:  
核准: PD05 2024.05.28



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  
比例  
SCALE: 1:1

名称  
PART NAME

DHG-2BP浮动式插座(带护套式尾帽)  
DHG-2BP Floating socket  
(with jacketed tail cap)

型号  
PART NAME

DHG. 2BP. 305. KWLLD42Z

REV/版本 A1

SHEET: 1 OF 1