

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 deg C / 140 F]

Shielding /屏蔽性能: 75dB(10MHz) 40dB(1GHz)

Salt Spray Corrosion/盐雾: 96hr

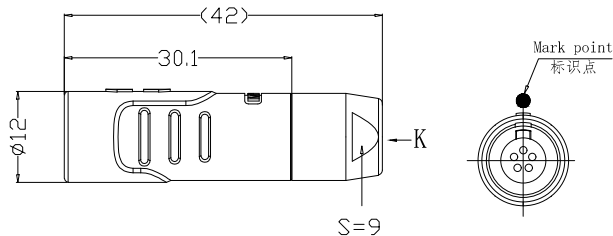
Mechanical data/机械特性:

Vibration/振动: 15g[10Hz~2000Hz]

Shock Resistance/冲击: 100g[6ms]

Endurance (Shell)/机械寿命: 5000+

Cable/配接电缆: $\phi 2.4\text{mm} - \phi 3.3\text{mm}$



2. 电气性能

Insert Configuration/针芯配置: 1BP.305 5Low Voltage

Pin Size/接触件直径: $\phi 0.9\text{mm}$

Contact resistance接触电阻: $\leq 9\text{m}\Omega$

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

Withstand voltage/耐电压: 1250V(AC)

Rated working current额定工作电流: 9.0A

Other Specification/其它规格:

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

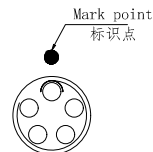
Housing Material/外壳材质: PEEK

Other Shell Material/其它壳体材质: 铜电镀

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.

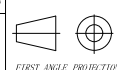


view K
K向孔位排列

DRAWN BY: 绘图: P003		2024.05.28	
CHECKED BY: 审核: Z01		2024.05.28	
APPROVED BY: 核准: P005		2024.05.28	
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 $\pm 1^{\circ}$			



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REV/版本

A1

单位
UNIT: mm

比例
SCALE: 1: 1

SIZE: A1

SHEET: 1 OF 1

名称
PART NAME

型号
PART NAME

DWG-1BP浮动式插座 (不带护套式尾帽)
DWG-1BP Floating socket
(without jacketed tail cap)

DHG. 1BP. 305. KWKL35

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<https://www.mylconnector.com/>

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<https://www.mylconnector.com/>

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