

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: $75\text{dB}(10\text{MHz}) \quad 40\text{dB}(1\text{GHz})$

Salt Spray Corrosion/盐雾: 96hr

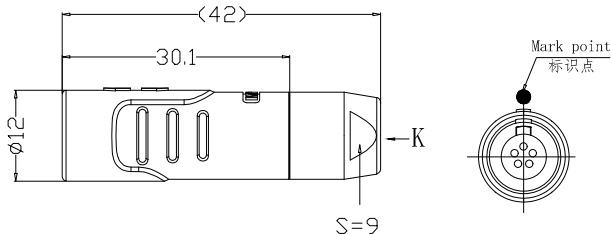
Mechanical data/机械特性:

Vibration/振动: $15\text{g}[10\text{Hz} \sim 2000\text{Hz}]$

Shock Resistance/冲击: $100\text{g}[6\text{ms}]$

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: $1\text{BP}, 305, 5\text{Low Voltage}$

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: $5000\text{M}\Omega$ (测试电压 $500\text{V}(\text{DC})$)

Withstand voltage/耐电压: $1250\text{V}(\text{AC})$

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

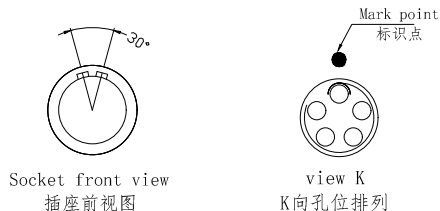
Housing Material/外壳材质: PEEK

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.



Socket front view
插座前视图

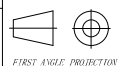
view K
K向孔位排列

DRAWN BY: 绘图: P003	2024. 05. 28
CHECKED BY: 审核: Z01	2024. 05. 28
APPROVED BY: 核准: P005	2024. 05. 28

GENERAL TOLERANCE (UNLESS SPECIFIED)	
≤ 10	± 0.1
$< 10^{\circ} \sim 20$	± 0.15
$< 20^{\circ} \sim 30$	± 0.3
Angle	$\pm 1^{\circ}$



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FIRST ANGLE PROJECTION

REV/版本 A1

单位 UNIT: mm	名称 PART NAME	DHA-1BP浮动式插座(不带护套式尾帽) DHA-1BP Floating socket (without jacketed tail cap)
比例 SCALE: 1: 1	型号 PART NAME	DHA. 1BP. 305. KWLLD42
SIZE: A1		
SHEET: 1 OF 1		