

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:  $\phi 3.1\text{mm}-\phi 4.0\text{mm}$

2. 电气性能

Insert Configuration/针芯配置: 1BP. 312 12Low Voltage

Pin Size/接触件直径:  $\phi 0.5\text{mm}$

Contact resistance接触电阻:  $\leq 15\text{m}\Omega$

Insulation resistance/绝缘电阻:  $50000\text{M}\Omega$  (测试电压500V(DC))

Withstand voltage/耐电压: 750V(AC)

Rated working current额定工作电流: 2.0A

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

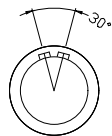
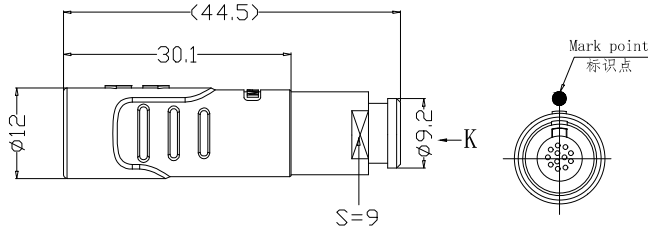
Other Shell Material/其它壳体材质 : 铜镀镍

Insulator material/绝缘体材料: PPS

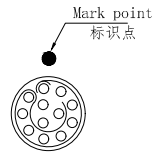
IP Rating/防护等级 : IP50

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

REV/版本	DESCRIPTION/更改内容	DATE/日期	DRAWN BY/制图



Plug front view  
插头前视图



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



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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	名称 PART NAME	DHA-1BP浮动式插座(带护套式尾帽) DHA-1BP Floating socket (with jacketed tail cap)
		比例 SCALE: 1: 1	型号 PART NAME	
尺寸 SIZE: A4	图号 DRAWING NO: A1	页次 SHEET: 1 OF 1	零件号 PART NO: DHA. 1BP. 312. KWLLD42Z	