

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

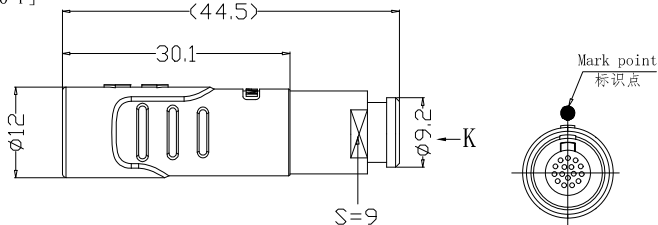
Mechanical data/机械特性:

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: $\phi 4.4\text{mm} - \phi 5.3\text{mm}$



2. 电气性能

Insert Configuration/针芯配置: 1BP.316 16Low 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: $5000\text{M}\Omega$ (测试电压 $500\text{V}(\text{DC})$)

Withstand voltage/耐电压: $750\text{V}(\text{AC})$

Rated working current额定工作电流: 1.5A

Other Specification/其它规格:

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

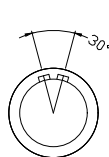
Housing Material/外壳材质: PEEK

Other Shell Material/其它壳体材质: 铜镀镍

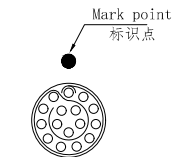
Insulator material/绝缘体材料: PEEK

IP Rating/防护等级: IP50

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


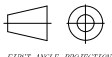


Socket front view
插座前视图



view K
K到孔位排列

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

DRAWN BY: 绘图: P003 2024.05.28		 美易连电子科技(深圳)有限公司 Meiyilian electronic technology (shenzhen) Co., Ltd.		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)
CHECKED BY: 审核: Z01 2024.05.28				比例 SCALE: 1: 1		
APPROVED BY: 核准: P005 2024.05.28				尺寸 SIZE: A1		型号 PART NAME
GENERAL TOLERANCE (UNLESS SPECIFIED)		FIRST ANGLE PROJECTION		REV/版本		A1
$\leq 10 \pm 0.1$				SHEET: 1 OF 1		DHA. 1BP. 316. KKKLD58Z
$< 10^{\circ} \leq 20 \pm 0.15$				/		
$< 20^{\circ} \leq 50 \pm 0.3$				/		
Angle $\pm 1^{\circ}$		/		/		/