

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

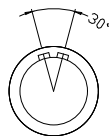
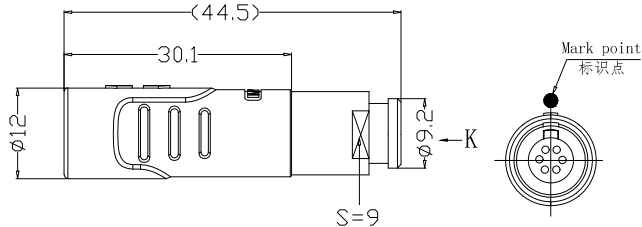
Insert Configuration/针芯配置: 1BP. 306 6Low Voltage
 Pin Size/接触件直径: $\phi 0.7\text{mm}$
 Contact resistance接触电阻: $\leq 12.5\text{m}\Omega$
 Insulation resistance/绝缘电阻: $5000\text{M}\Omega$ (测试电压 $500\text{V}(\text{DC})$)
 Withstand voltage/耐电压: $1050\text{V}(\text{AC})$
 Rated working current额定工作电流: 7.0A

Other Specification/其它规格:

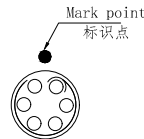
Contact PIN/接触体: Gold plated Tin bronze/锡青铜镀金
 Housing Material/外壳材质: PEEK
 Other Shell Material/其它壳体材质: 铜镀镍
 Insulator material/绝缘体材料: PPS
 IP Rating/防护等级: IP50

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

REV/版次	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/绘图



Plug front view
插头前视图



view K
K向孔位排列

DRAWN BY:
绘图: PPO3 2024. 05. 28
 CHECKED BY:
审核: Z01 2024. 05. 28
 APPROVED BY:
标准: PPO3 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)

$\leq 10 \pm 0.1$
 $< 10^{\circ} \sim \leq 20^{\circ} \pm 0.15$
 $< 20^{\circ} \sim \leq 50^{\circ} \pm 0.3$
 Angle $\pm 1^{\circ}$



FIRST ANGLE PROJECTION

单位
UNIT: mm

比例
SCALE: 1: 1

型号
SIZE: A1

REV/版本
SHEET: 1 OF 1

名称
PART NAME

型号
PART NAME

DHA-1BP浮动式插座(带护套式尾插)
 DHA-1BP Floating socket
 (with jacketed tail cap)

DHA. 1BP. 306. KWLLD42Z