

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: $\phi 3.4\text{mm} - \phi 4.3\text{mm}$

2. 电气性能

Insert Configuration/针芯配置: 2BP. 305 5Low Voltage

Pin Size/接触件直径: $\phi 1.3\text{mm}$

Contact resistance接触电阻: $\leq 5\text{m}\Omega$

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

Withstand voltage/耐电压: $1750\text{V}(\text{AC})$

Rated working current额定工作电流: 14.0A

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

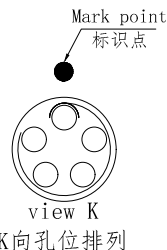
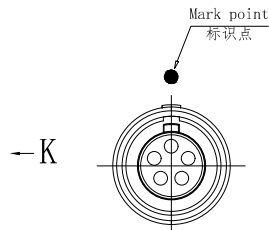
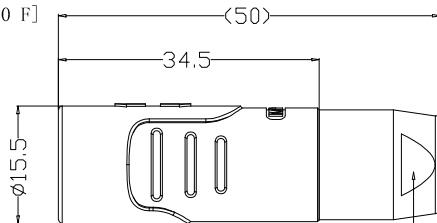
Other Shell Material/其它壳体材质: 铜镀镍


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/描述内容	DATE/日期	DRAWN BY/绘图



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.	
CHECKED BY: 审核: Z01 2024.05.28			
APPROVED BY: 核准: P005 2024.05.28			
GENERAL TOLERANCE (UNLESS SPECIFIED)		单位 UNIT: mm	名称 PART NAME
$\leq 10 \pm 0.1$		比例 SCALE: 1: 1	DHG-2BP浮动式插座(不带护套式尾帽) DHG-2BP Floating socket (without jacketed tail cap)
$< 10^{\circ} \leq 20 \pm 0.15$		SIZE: M4	
$< 20^{\circ} \leq 50 \pm 0.3$		REV/版本 A1	型号 PART NAME
Angle $\pm 1^{\circ}$		SHEET: 1 OF 1	DHG. 2BP. 305. KWLLD45