

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 $60 \text{ deg C} / 140 \text{ F}$]

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: $5000+$

2. 电气性能

Insert Configuration/针芯配置: $1\text{BP}.305 \text{ 5Low Voltage}$

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

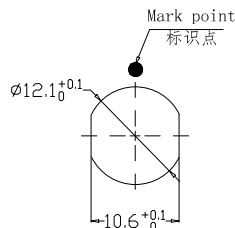
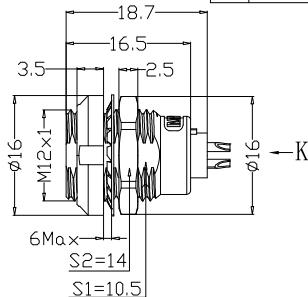
Housing Material/外壳材质: PEEK

Other Shell Material/其它壳体材质: 铜镀镍

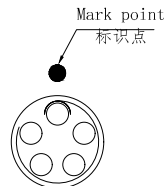
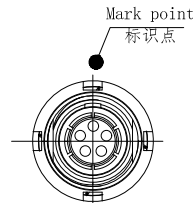
Insulator material/绝缘体材料: PEEK

IP Rating/防护等级: IP50

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



Panel cut-outs
建议安装开孔尺寸

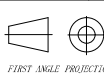


view K
K向孔位排列

REV/版本	DESCRIPTION/实物内容	DATE/日期	DRAWN BY/制图
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DRAWN BY: 绘图: P005	2024.05.28		单位 UNIT: mm	
CHECKED BY: 审核: Z01	2024.05.28		名称 ZCG-1BP 双螺母插座	
APPROVED BY: 核准: P005	2024.05.28	比例 SCALE: 1:1		名称 ZCG-1BP Double nut socket
GENERAL TOLERANCE (UNLESS SPECIFIED) $\leq 10 \pm 0.1$ $< 10^{\circ} \leq 20 \pm 0.15$ $< 20^{\circ} \leq 50 \pm 0.3$ Angle $\pm 1^{\circ}$		FIRST ANGLE PROJECTION 		型号 ZCG. 1BP. 305. KWKL
REV/版本	A1	SHEET: 1 OF 1		

美易连电子科技(深圳)有限公司
Meiyilian electronic technology (shenzhen) Co., Ltd.



REV/版本	A1	SHEET: 1 OF 1
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