

# 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+

## 2. 电气性能

Insert Configuration/针芯配置:1BP.305 5Low Voltage  
 Pin Size/接触件直径:Φ0.9mm  
 Contact resistance接触电阻:≤9mΩ  
 Insulation resistance/绝缘电阻:5000MΩ (测试电压500V(DC))  
 Withstand voltage/耐电压:1250V(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.

REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/制图

A

B

B

C

C

D

A

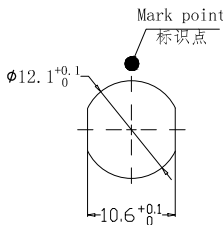
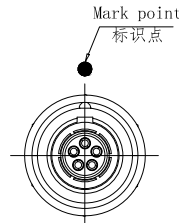
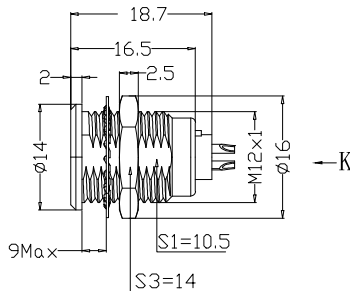
B

B

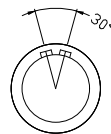
C

C

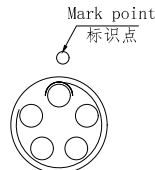
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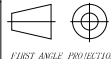
Panel cut-outs  
建议安装开孔尺寸



Plug front view  
插头前视图



view K  
K向孔位排列

DRAWN BY: 绘图: P005 2024.05.28 CHECKED BY: 审核: Z01 2024.05.28 APPROVED BY: 核准: P005 2024.05.28	 美易连电子科技(深圳)有限公司 Meiyilian electronic technology(shenzhen)Co.,Ltd.		单位 UNIT: mm 名称 PART NAME: ZGA-1BP固定式插座 比例 SCALE: 1:1 型号 PART NAME: ZGA.1BP.305.KWKL	
GENERAL TOLERANCE (UNLESS SPECIFIED) ≤10 ±0.1 <10° ≤20 ±0.15 <20° ≤50 ±0.3 Angle ±1°	 FIRST ANGLE PROJECTION	SIZE: A4 SHEET: 1 OF 1	尺寸 SIZE: A4 张数 SHEET: 1 OF 1	
REV/版本	A1	<a href="https://www.mylconnector.com/">https://www.mylconnector.com/</a>		

1

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<https://www.mylconnector.com/>

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