

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. 307 7Low 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: 5000M Ω (测试电压500V(DC))

Withstand voltage/耐电压: 950V(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

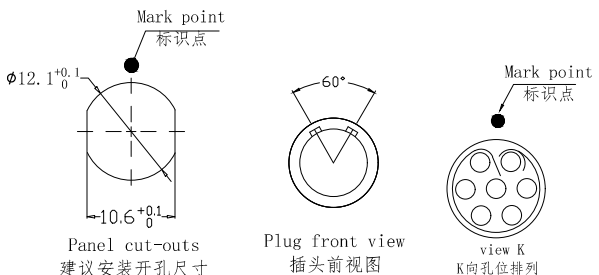
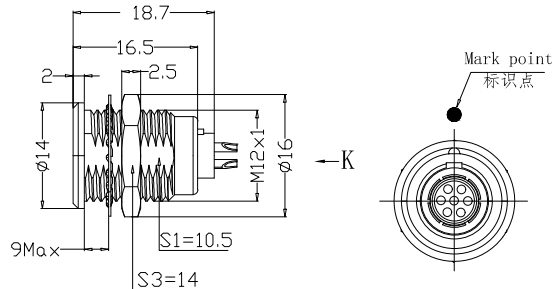
Other Shell Material/其它壳体材质: 铜镀镍

Insulator material/绝缘体材料: PEEK

IP Rating/防护等级: IP50

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

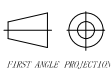
REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/绘图



DRAWN BY: 绘图: P005	2024.05.28
CHECKED BY: 审核: Z01	2024.05.28
APPROVED BY: 核准: P005	2024.05.28
GENERAL TOLERANCE (UNLESS SPECIFIED)	
$\leq 10 \pm 0.1$	
$< 10^\circ \leq 20 \pm 0.15$	
$< 20^\circ \leq 50 \pm 0.3$	
Angle $\pm 1^\circ$	



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单位 UNIT: mm	名称	ZGB-1BP固定式插座
比例 SCALE: 1:1	PART NAME	ZGB-1BP Fixed socket
SIZE: A4	型号	ZGB. 1BP. 307. KWKL
REV/版本 A1	SHEET: 1 OF 1	PART NAME

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8

1 | 2 | <https://www.mylconnector.com/> | 4 | 5 | <https://www.mylconnector.com/> | 7 | 8