

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: $\leq 95\%$ [at $60\text{ deg C} / 140\text{ F}$]

Shielding /屏蔽性能: $75\text{dB}(10\text{MHz})\ 40\text{dB}(1\text{GHz})$

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: $3\text{BP}.314\ 14\text{Low Voltage}$

Pin Size/接触件直径: $\phi 0.9\text{mm}$

Contact resistance接触电阻: $\leq 6\text{m}\Omega$

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

Withstand voltage/耐电压: $1200\text{V}(\text{AC})$

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

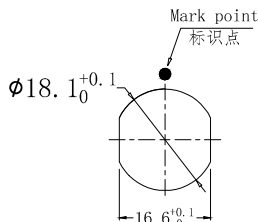
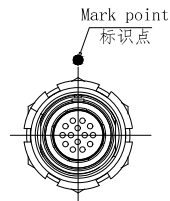
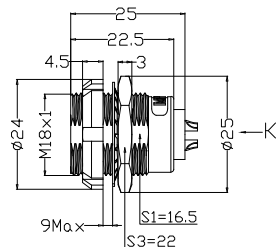
Other Shell Material/其它壳体材质: 铜镀镍

Insulator material/绝缘体材料: PEEK

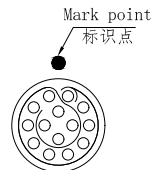
IP Rating/防护等级: $\text{IP}50$

*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



Panel cut-outs
建议安装开孔尺寸



view K
K向孔位排列

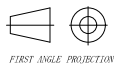
DRAWN BY:
绘图: PD03 2024.05.28
CHECKED BY:
审核: Z01 2024.05.28
APPROVED BY:
核准: PD05 2024.05.28

GENERAL TOLERANCE
(UNLESS SPECIFIED)

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



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



FIRST ANGLE PROJECTION

单位
UNIT: mm

名称
PART NAME

比例
SCALE: 1:1

型号
PART NAME

REV/版本

名称

PART NAME

比例

SCALE: 1:1

型号

PART NAME

ZCG-3BP 双螺母插座
ZCG-3BP Double nut socket

ZCG. 3BP. 314. KWKL

PART NAME