

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 $60^{\circ}\text{C} / 140\text{ F}$]
 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

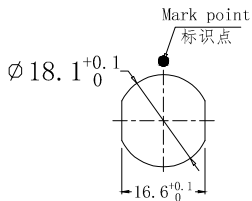
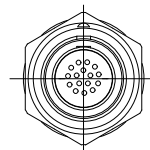
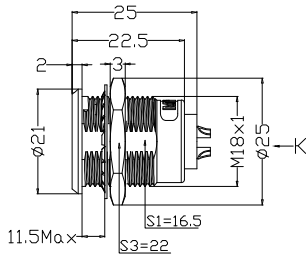
Insert Configuration / 针芯配置: $3\text{BP}.316\ 16\text{Low Voltage}$
 Pin Size / 接触件直径: $\phi 0.9\text{mm}$
 Contact resistance / 接触电阻: $\leq 6\text{m}\Omega$
 Insulation resistance / 绝缘电阻: $5000\text{M}\Omega$ (测试电压 $500\text{V}(\text{DC})$)
 Withstand voltage / 耐电压: $1200\text{V}(\text{AC})$
 Rated working current / 额定工作电流: 8.0A

Other Specification / 其它规格:

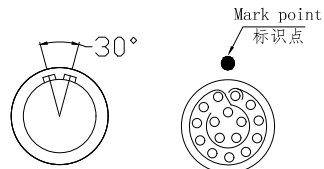
Contact PIN / 接触体: Gold plated Tin bronze / 锡青铜镀金
 Housing Material / 外壳材质: PEEK
 Other Shell Material / 其它壳体材质: 铜镀镍
 Insulator material / 绝缘体材料: PPS
 IP Rating / 防护等级: IP50

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

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



Panel cut-outs
建议安装开孔尺寸



Socket front view
插座前视图

view K
K向孔位排列

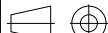
DRAWN BY:
绘图: P003 2024.05.28
 CHECKED BY:
审核: Z01 2024.05.28
 APPROVED BY:
核准: P005 2024.05.28



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

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 $\pm 1^{\circ}$



FIRST ANGLE PROJECTION

单位
UNIT: mm

名称
SCALE: 1:1

名称
SIZE: A4

型号
PART NAME

ZGA-3BP固定式插座
 ZGA-3BP Fixed socket

ZGA. 3BP. 316. KWLL

REV/版本

A1

SHEET: 1 OF 1

PART NAME