

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: $5000+$

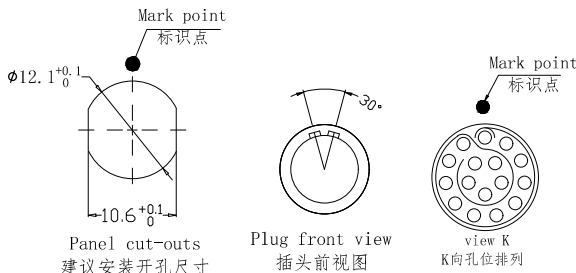
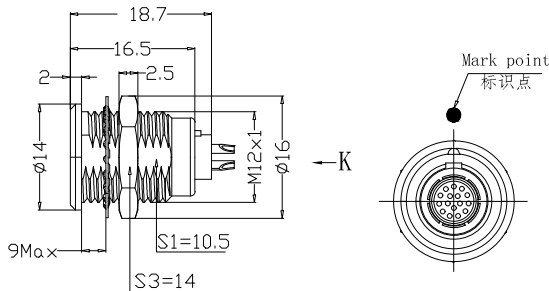
2. 电气性能

Insert Configuration/针芯配置: 1BP. 316 16Low Voltage
 Pin Size/接触件直径: $\phi 0.5\text{mm}$
 Contact resistance接触电阻: $\leq 15\text{m}\Omega$
 Insulation resistance/绝缘电阻: $50000\text{M}\Omega$ (测试电压 $500\text{V}(\text{DC})$)
 Withstand voltage/耐压: $750\text{V}(\text{AC})$
 Rated working current额定工作电流: 1.5A

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



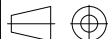
DRAWN BY: 2024.05.28
 绘图: PD03
 CHECKED BY: 2024.05.28
 审核: Z01
 APPROVED BY: 2024.05.28
 核准: PD05



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

GENERAL TOLERANCE
 (UNLESS SPECIFIED)

$\leq 10 \pm 0.1$
 $< 10 \sim \leq 30 \pm 0.15$
 $< 20 \sim \leq 50 \pm 0.3$
 Angle $\pm 1^{\circ}$



FIRST ANGLE PROJECTION

单位
 UNIT: mm

名称
 PART NAME

比例
 SCALE: 1:1

型号
 PART NAME

REV/版本
 AI

SHEET: 1 OF 1

ZGA-1BP固定式插座
 ZGA-1BP Fixed socket

ZGA. 1BP. 316. KWKL