

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

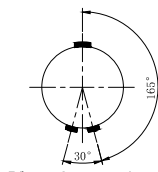
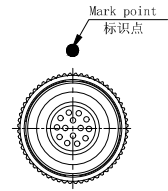
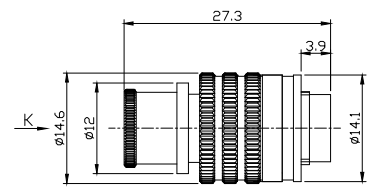
1. Product main performance/产品主要性能指标:
 Operating Temperature/工作温度 : -55°C~125°C
 Humidity(max)/最大潮湿 : <=95% [at 60 deg C / 140 F]
 Shielding /屏蔽性能 : 75dB(10MHz) 40dB(1GHz)
 Salt Spray Corrosion/盐雾 : 96hr
 P op (max)/最大环境压力 : 60 bar (870 psi)

Mechanical data/机械特性:
 Vibration/振动 : 15g[10Hz~2000Hz]
 Shock Resistance/冲击 : 300g[3ms]
 Endurance (Shell)/机械寿命 : 2000次

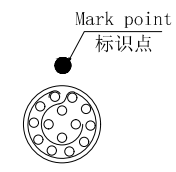
2. 电气性能
 Insert Configuration/针芯配置:1M.314 14Low Voltage
 Pin Size/接触件直径:∅0.5mm
 Contact resistance接触电阻:≤15mΩ
 Insulation resistance/绝缘电阻:5000MΩ (测试电压500V(DC))
 Withstand voltage/耐电压:750V(AC)
 Rated working current额定工作电流:2.0A

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 : Gun color plated aluminium /铝合金镀枪色
 Other metal spare parts/其余金属件 : Nickel plated brass/铜镀镍
 Glue filling type/灌胶类型: White silica gel/白色硅胶
 Insulator material/绝缘材料: PPS
 IP Rating/防护等级 : IP68(头座配合)

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



Plug front view
插头前视图



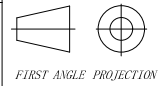
view K
K向孔位排列

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)	
≤10	±0.1
<10~≤20	±0.15
<20~≤50	±0.3
Angle	±1°



FIRST ANGLE PROJECTION

单位 UNIT: mm	名称 PART NAME	TGA-1M直式插头 TGA-1M Straight Plug
比例 SCALE: 1: 1	型号 PART NAME	TGA. 1M. 314. XLA
SIZE: A4		
REV/版本	A1	
SHEET: 1 OF 1		