

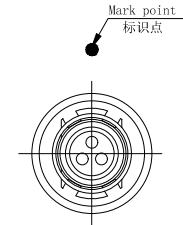
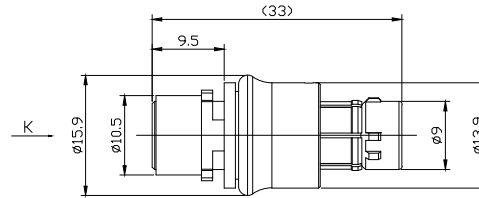
REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/绘图

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)

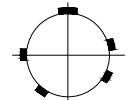
Mechanical data/机械特性:

Vibration/振动 : 15g[10Hz~2000Hz]  
Shock Resistance/冲击 : 100g[6ms]  
Endurance (Shell)/机械寿命 : 5000+

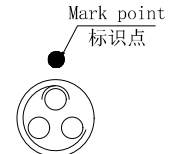


2. 电气性能

Insert Configuration/针芯配置:1Y.303 3Low Voltage  
Pin Size/接触件直径:Ø1.3mm  
Contact resistance接触电阻:≤5mΩ  
Insulation resistance/绝缘电阻:5000MΩ (测试电压500V(DC))  
Withstand voltage/耐电压:1000V(AC)  
Rated working current额定工作电流:12.0A



Plug front view  
插头前视图



view K  
K向孔位排列

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: Transparent epoxy resin/透明环氧树脂  
Insulator material/绝缘材料: PPS  
IP Rating/防护等级 : IP68(插合状态)

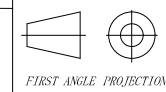
\*ALL MATERIALS ARE RoHS COMPLIANT/所有材料均符合RoHS要求.

DRAWN BY:  
绘图:PDO3 2024.05.28  
CHECKED BY:  
审核:Z01 2024.05.28  
APPROVED BY:  
核准:PDO5 2024.05.28



美易连电子科技(深圳)有限公司  
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GENERAL TOLERANCE  
(UNLESS SPECIFIED)  
≤10 ±0.1  
<10~≤20 ±0.15  
<20~≤50 ±0.3  
Angle ±1°



FIRST ANGLE PROJECTION

单位  
UNIT: mm

比例  
SCALE: 1: 1

SIZE: A4

SHEET: 1 OF 1

名称 PART NAME	TLA-1Y直式插头 TLA-1Y Straight Plug
型号 PART NAME	TLA. 1Y. 303. XLA

REV/版本

A1