

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~200°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:AF.312 12Low Voltage  
Pin Size/接触件直径:Ø0.7mm  
Contact resistance接触电阻:≤12.5mΩ  
Insulation resistance/绝缘电阻:5000MΩ (测试电压500V(DC))  
Withstand voltage/耐电压:875V(AC)  
Rated working current额定工作电流:6.0A  
Cable/配接电缆:Ø4.4mm-Ø5.3mm

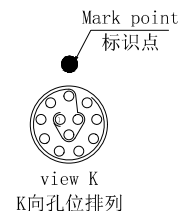
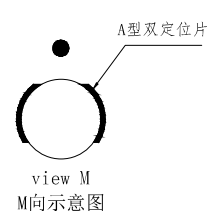
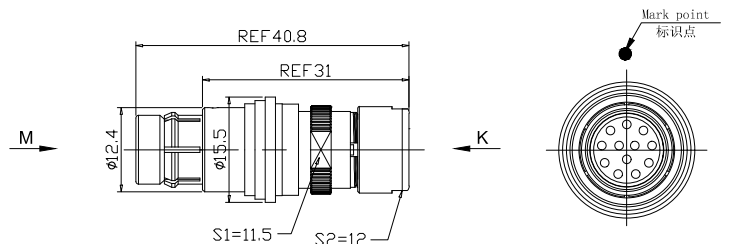
Other Specification/其它规格:


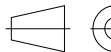
Contact PIN/接触体 : Gold plated Tin bronze/锡青铜镀金  
Housing Material/外壳材质 : Pearl-plated chrome brass/黄铜镀珍珠铬  
Other metal spare parts/其余金属件 : nickel plated brass/黄铜镀镍

Insulator material/绝缘材料: PPS

IP Rating/防护等级 : IP68(尾部密封防护处理)

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



DRAWN BY: 绘图:PD03 2024.05.28			美易连电子科技(深圳)有限公司		
CHECKED BY: 审核:Z01 2024.05.28			Meiyilian electronic technology (shenzhen) Co., Ltd.		
APPROVED BY: 核准:PD05 2024.05.28					
GENERAL TOLERANCE (UNLESS SPECIFIED)		 FIRST ANGLE PROJECTION	单位 UNIT: mm	名称 PART NAME	TLA-AF直式插头(不带护套式尾帽) TLA-AF Straight Plug (without jacketed tail cap)
≤10 ±0.1			比例 SCALE: 1: 1	型号 PART NAME	
<10~≤20 ±0.15		SIZE: A4			
<20~≤50 ±0.3		REV/版本	A1	SHEET: 1 OF 1	
Angle ±1°					