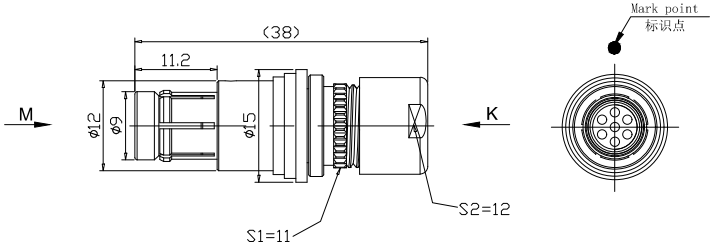
REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/绘图

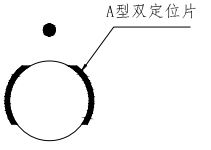
1.Product main performance/产品主要性能指标:

Operating Temperature/工作温度 : -55℃～200℃
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:1F.307 7Low Voltage
Pin Size/接触件直径:φ0.7mm
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:7.0A
Cable/配接电缆:φ4.4mm-φ5.3mm



view M
M向示意图

view K
K向孔位排列

Other Specification/其它规格:
Contact PIN/接触体 :Gold-Tin bronze plating/锡青铜镀金
Housing Material/外壳材质 :black chrome plated brass/黄铜镀黑铬
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
CHECKED BY: 审核:ZO1 2024.05.28
APPROVED BY: 核准:PD05 2024.05.28

GENERAL TOLERANCE (UNLESS SPECIFIED)
≤10 ±0.1
<10~≤20 ±0.15
<20~≤50 ±0.3
Angle ±1°

FIRST ANGLE PROJECTION

MEIYILIAN 美易连

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

UNIT: 单位	mm	名称 PART NAME	TLA-1F直式插头（不带护套式尾帽） TLA-1F Straight Plug (without jacketed tail cap)
SCALE: 比例	1:1		
SIZE:	A4	型号 PART NAME	TLA.1F.307.KLAD55
REV/版本	A1	SHEET:	1 OF 1

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