

REV	DESCRIPTION	DRW.	DATE
00	初版发行	L.K	2025.01.15

Notes/备注:

1. Electrical properties/电气特性
UL Standard/UL 标准

Use Group/应用组别	B	C	D	F(III/3)
Rated Voltage/额定电压 (V)	300	/	300	500
Rated Current/额定电流 (A)	20	/	10	20
Withstanding voltage/工频耐电压	AC 1600V/1Min			

IEC Standard/IEC 标准

- Rated Voltage/额定电压 (V): 630
Rated Current/额定电流 (A): 20

Overvoltage Category/过电压类别 /Pollution Degree/污染等级	II/2	III/2	III/3
Voltage/电压 (V)	1000	630	500
Rated Impulse Voltage/冲击耐电压(KV)	6	6	6

2. Connection data/连接数据

Wire range/线径范围(AWG/mm²): 24~12/0.2~2.5
Stripping length/剥线长度(mm): 10~11

3. Environmental safety/环境安全

Operating temperature/工作温度范围(°C): -40~+105
RoHS compliant/符合RoHS环保要求

Part No./料号说明:

F9APD-5.0-04P-A

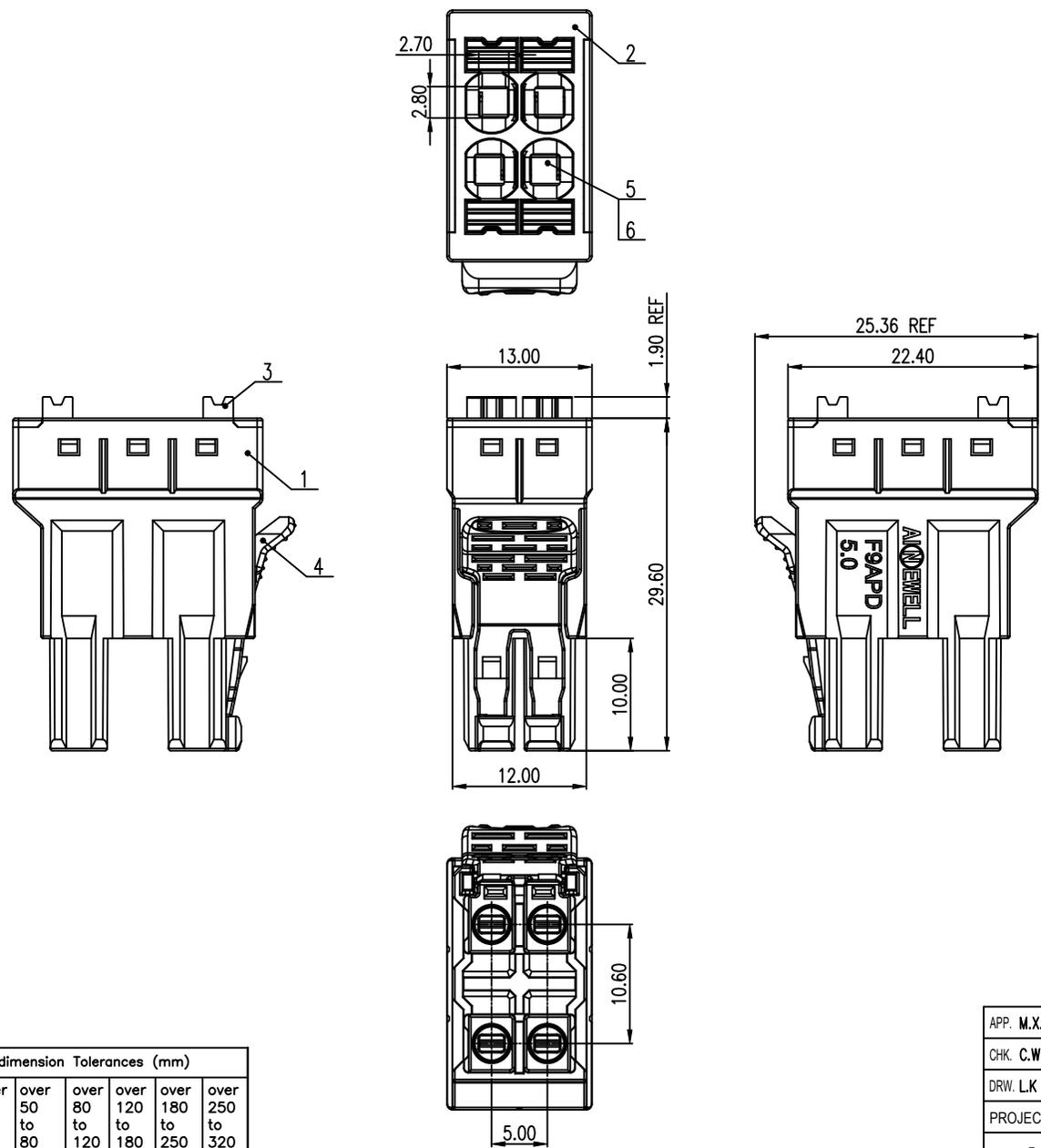
Poles/P数: 04: 4Poles
Color/颜色: A: Black/黑色

6	Clamp 夹片	Copper Alloy	Sn Plated
5	Spring 弹片	Stainless Steel	/
4	Locking clip 卡勾	PA66-GF	Orange/UL94 V-0
3	Button 按钮	PA66-GF	Orange/UL94 V-0
2	Cover 盖板	PA66	Black/UL94 V-0
1	Housing 主体	PA66	Black/UL94 V-0
ITEM	NAME OF PART	MATERIAL	NOTES

APP. M.X.B	DATE: 2025.01.15	PART NO.:	F9APD-5.0-04P-A
CHK. C.W	DATE: 2025.01.15		
DRW. L.K	DATE: 2025.01.15	DARWING TYPE:	Customer Drawing
PROJECTION		UNITS: mm	SCALE: 2.5:1 SHEET/OF: 1/1



昆山艾尼维尔电子有限公司
KUN SHAN AINEWELL ELECTRONICS CO.,LTD



Nominal dimension Tolerances (mm)							
0 to 18	over 18 to 30	over 30 to 50	over 50 to 80	over 80 to 120	over 120 to 180	over 180 to 250	over 250 to 320
±0.25	±0.3	±0.35	±0.5	±0.7	±0.9	±1.0	±1.2