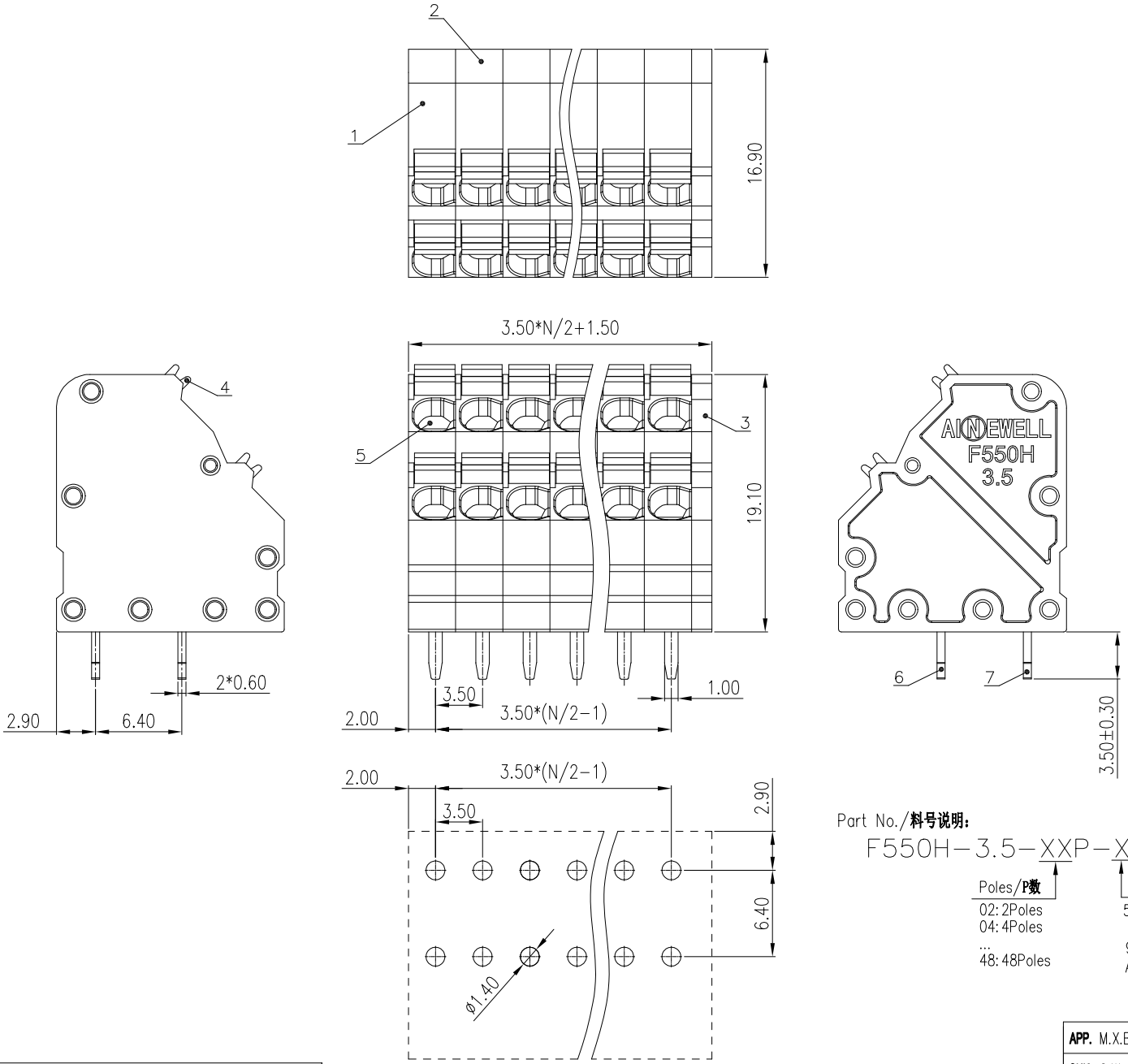
REV	DESCRIPTION	DRW.	DATE
00	初版发行	M.C.N	2024.02.01



PCB LAYOUT

Notes/备注:

1. Electrical properties/电气特性

UL Standard/UL标准

Use Group/应用组别	B	C	D
Rated Voltage/额定电压 (V)	300	/	300
Rated Current/额定电流 (A)	9	/	9
Withstanding voltage/工频耐电压	AC 1600V/1Min		

IEC Standard/IEC标准

Rated Voltage/额定电压(V): 320

Rated Current/额定电流(A): 14

Overvoltage Category/过电压类别 /Pollution Degree/污染等级	II/2	III/2	III/3
Voltage/电压 (V)	320	160	160
Rated Impulse Voltage/冲击耐电压(KV)	2.5	2.5	2.5

2. Connection data/连接数据

Wire range/线径范围(AWG/mm²): 26~16/0.2~1.5

Stripping length/剥线长度(mm): 9~10

Ferrule without insulation/管状裸端头(mm²): 0.25~1.0

Ferrule with insulation/管状端头带绝缘套(mm²): 0.25~1.0

3. Environmental safety/环境安全

Operating temperature/工作温度范围(℃): -40~+105

RoHS compliant/符合RoHS环保要求

Part No./料号说明:

F550H-3.5-XXP-X

Poles/P数
02: 2Poles
04: 4Poles
...
48: 48Poles

Color/颜色
5: Green/绿色
8: Grey/灰色
9: White/白色
A: Black/黑色
...

ITEM	NAME OF PART	MATERIAL	NOTES
7	PIN HEADER 2 焊针2	Copper Alloy	Sn Plated
6	PIN HEADER 1 焊针1	Copper Alloy	Sn Plated
5	SPRING 弹片	Steel	
4	BUTTON 按钮	POM	
3	COVER 盖板	PA66	UL94 V-0
2	HOUSING 2 主体2	PA66	UL94 V-0
1	HOUSING 1 主体1	PA66	UL94 V-0

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

APP. M.X.B	DATE: 2024.12.01	PART NO.: F550H-3.5-XXP-X	
CHK. C.W	DATE: 2024.12.01		
DRW. M.C.N	DATE: 2024.12.01	DARWING TYPE: Customer Drawing	
PROJECTION		UNITS: mm	SCALE: 3:1 / SHEET/OF: 1/1

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

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