

12345678

REV	DESCRIPTION	DRW.	DATE
00	初版发行	M.C.N	2024.08.25

A

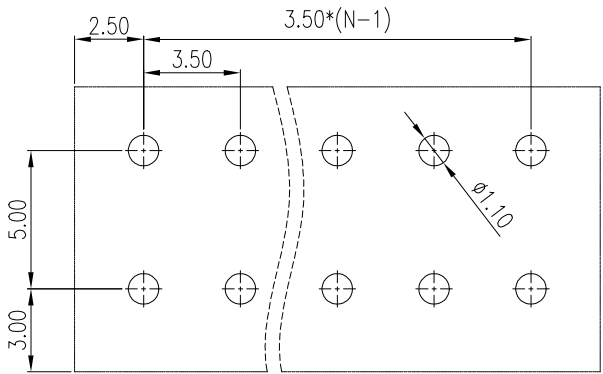
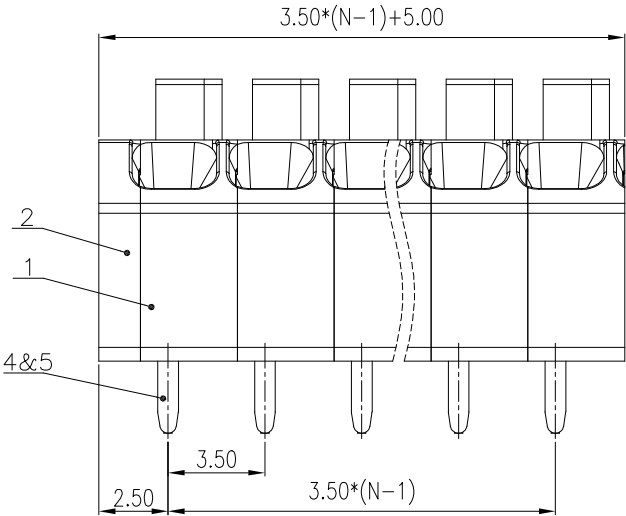
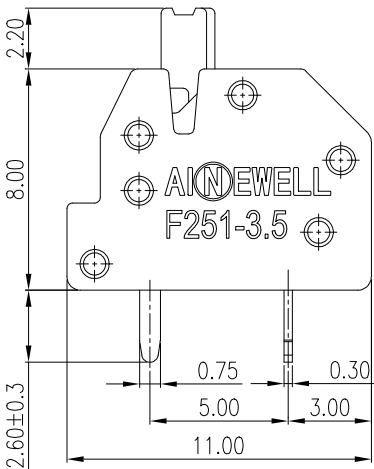
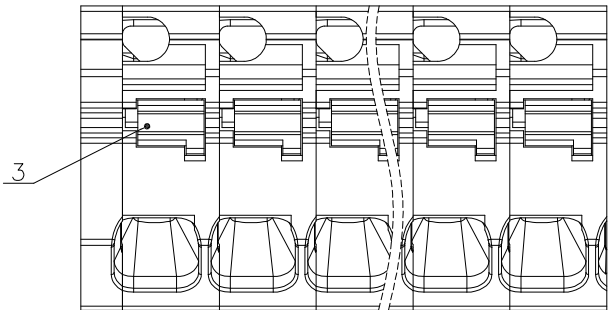
B

C

D

E

F



PCB LAYOUT

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

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)	8	/	8
Withstanding voltage/工频耐电压	AC 1600V/1Min		

IEC Standard/IEC 标准

Rated Voltage/额定电压 (V): 160
Rated Current/额定电流 (A): 16

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): 24~16/0.2~1.5
Stripping length/剥线长度 (mm): 8
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:

F251-3.5-XXP-X

Poles/P数	Color/颜色	
02: 2Poles	1: Brown/棕色	6: Blue/蓝色
03: 3Poles	2: Red/红色	7: Purple/紫色
...	3: Orange/橙色	8: Grey/灰色
24: 24Poles	4: Yellow/黄色	9: White/白色
	5: Green/绿色	A: Black/黑色

5	SPRING 弹片	Stainless steel	
4	SOLDER PIN 端子	Copper Alloy	Sn Plated
3	BUTTON 按钮	PA66-GF	UL94 V-0
2	COVER 盖板	PA66	UL94 V-0
1	HOUSING 主体	PA66	UL94 V-0
ITEM	NAME OF PART	MATERIAL	NOTES

APP. M.X.B	DATE: 2024.08.25	PART NO: F251-3.5-XXP-X	
CHK. C.W	DATE: 2024.08.25		
DRW. M.C.N	DATE: 2024.08.25	DARWING TYPE: Customer Drawing	
PROJECTION		UNITS: mm	SCALE: 5:1
			SHEET/OF: 1/1
AINNEWELL 昆山艾尼维尔电子有限公司 KUN SHAN AINNEWELL ELECTRONICS CO.,LTD			

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