

REV	DESCRIPTION	DRW.	DATE
00	初版发行	M.C.N	2023.11.22

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)	10	/	10
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): 18

Overvoltage Category/过电压类别 /Pollution Degree/污染等级	II/2	III/2	III/3
Voltage/电压 (V)	630	320	320
Rated Impulse Voltage/冲击耐电压 (KV)	4	4	4

2. Connection data/连接数据

Wire range/线径范围(AWG/mm²): 22~14/0.5~2.5

Stripping length/剥线长度(mm): 5~6

Wire tightening torque/导线扭矩(N.m): 0.34~0.4

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

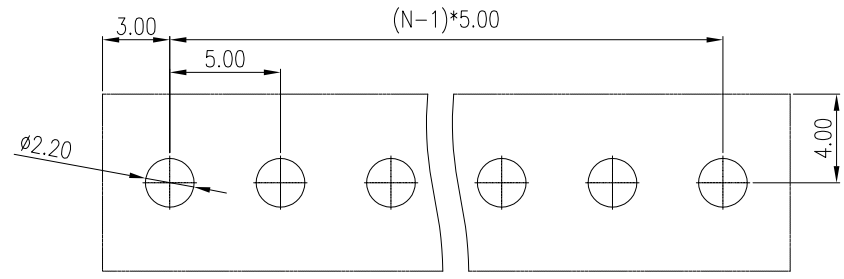
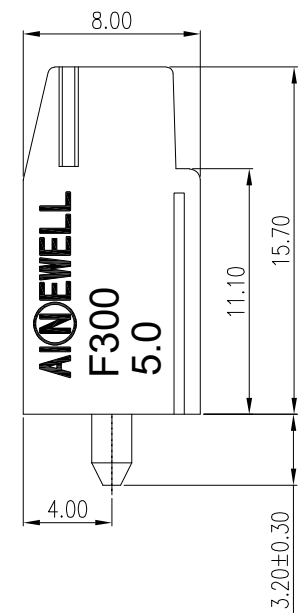
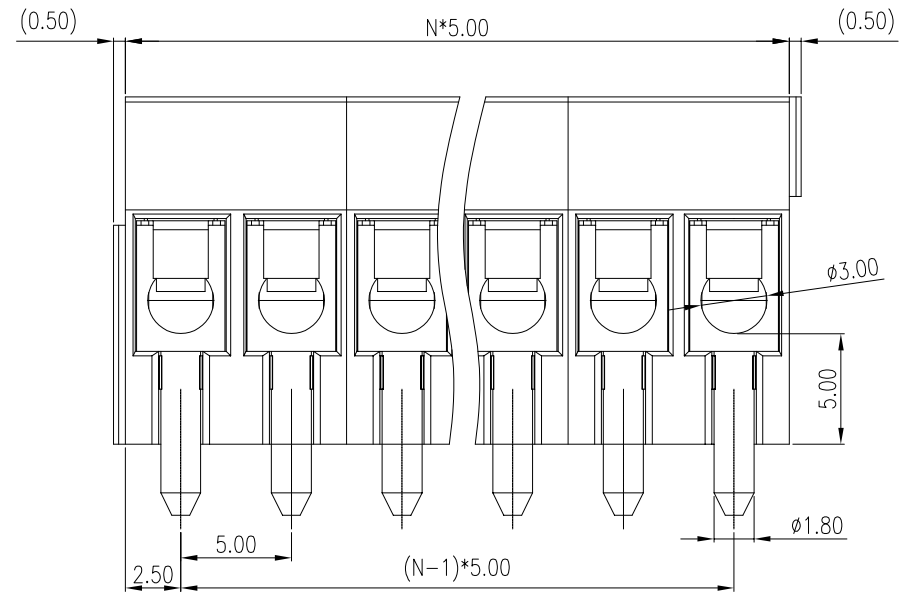
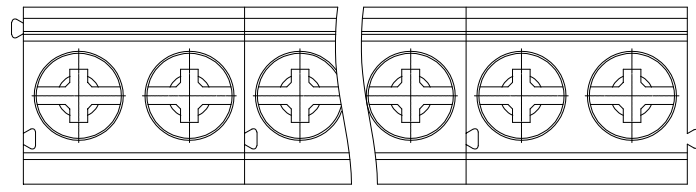
Part No./料号说明:

F300-5.0-XXP-2-X-T01

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

4	SOLDER PIN 端子	Copper Alloy	Sn Plated
3	SPRING 弹片	Stainless steel	/
2	SCREW 螺丝	Stainless steel	M3
1	HOUSING 主体	PA66	UL94 V-0
ITEM	NAME OF PART	MATERIAL	NOTES

APP. M.X.B	DATE: 2023.11.22	PART NO.: F300-5.0-XXP-2-X-T01	
CHK. C.W	DATE: 2023.11.22	DARWING TYPE: Customer Drawing	
DRW. M.C.N	DATE: 2023.11.22	UNITS: mm	SCALE: 4:1 SHEET/OF: 1/1
PROJECTION		昆山艾尼维尔电子有限公司 KUN SHAN AINEWELL ELECTRONICS CO.,LTD	



PCB LAYOUT

未注尺寸公差/General tolerances (mm)													0.1/10
0 to 3	over 3 to 6	over 6 to 10	over 10 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 315	over 315 to 400	over 400 to 500	
±0.12	±0.18	±0.22	±0.26	±0.31	±0.37	±0.57	±0.80	±0.93	±1.05	±1.15	±1.60	±2.20	±2.50