

REV	DESCRIPTION	DRW.	DATE
00	初版发行	C.W	2023.11.07

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
Rated Voltage/额定电压 (V)	300	150	600	600
Rated Current/额定电流 (A)	25	25	5	25
Withstanding voltage/工频耐电压	AC 2200V/1Min			

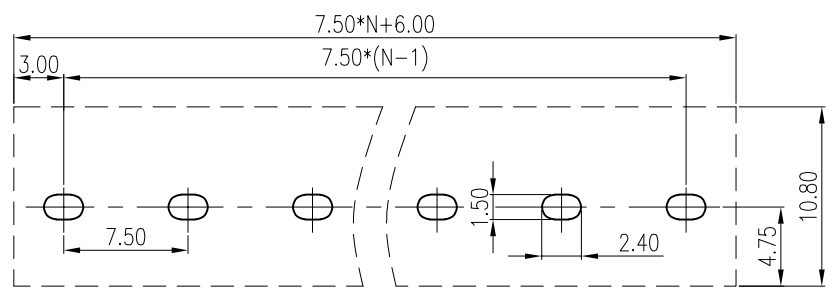
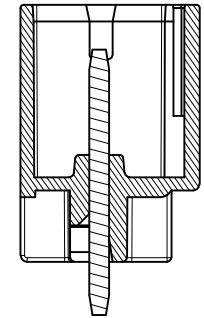
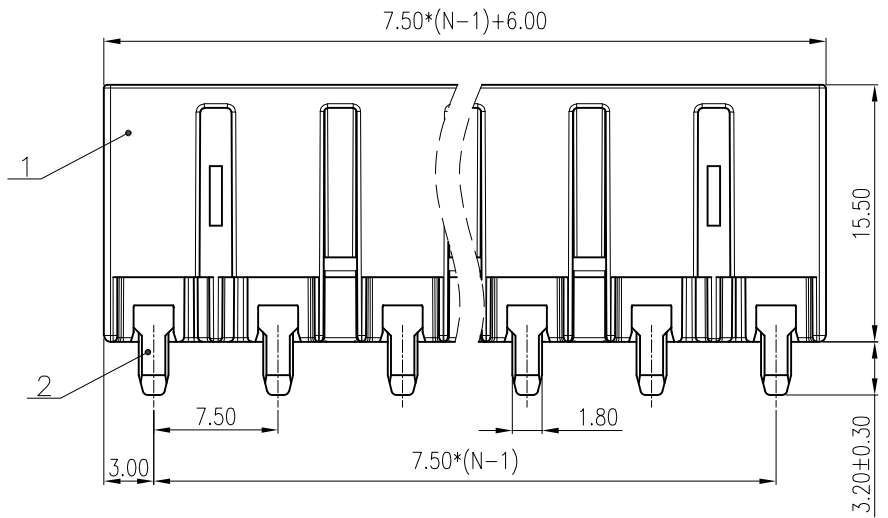
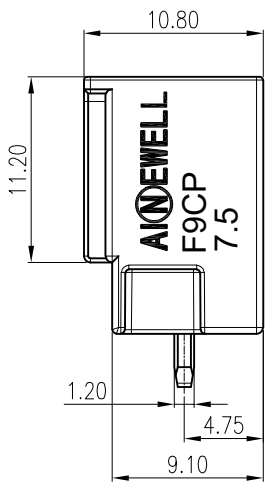
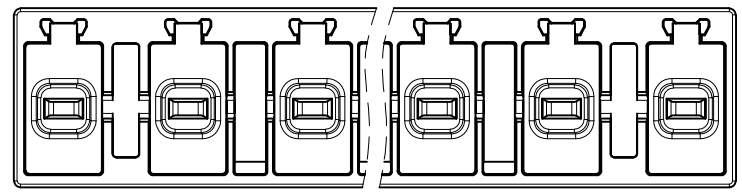
IEC Standard/IEC标准

Rated Voltage/额定电压 (V): 630
Rated Current/额定电流 (A): 25

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	630
Rated Impulse Voltage/冲击耐电压 (KV)	6	6	6

2. 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



(04P~12P)
PCB LAYOUT

Part No./料号说明:
F9CP-5-7.5-XXP-X

Poles/P数	Color/颜色	
04: 4Poles	1: Brown/棕色	6: Blue/蓝色
05: 5Poles	2: Red/红色	7: Purple/紫色
...	3: Orange/橙色	8: Grey/灰色
12: 12Poles	4: Yellow/黄色	9: White/白色
	5: Green/绿色	A: Black/黑色

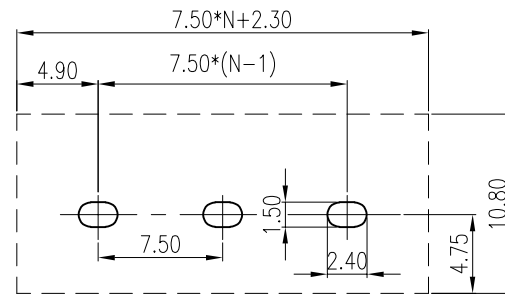
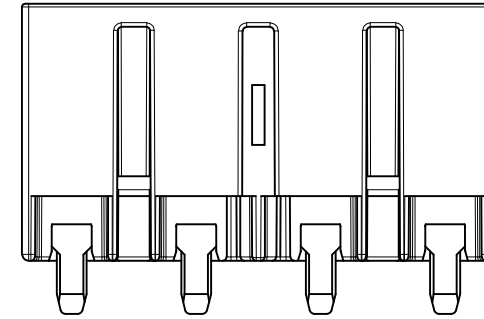
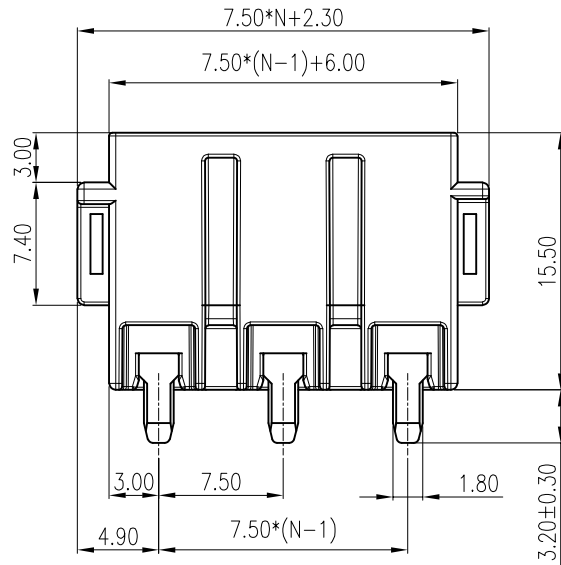
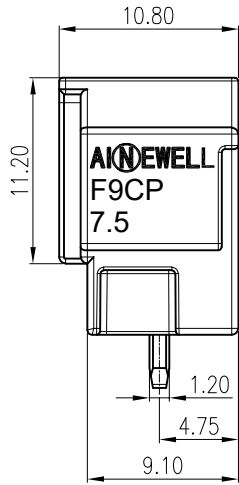
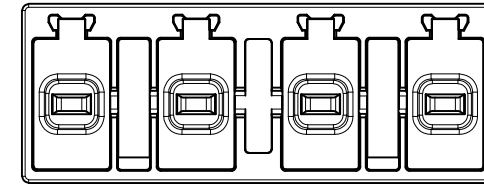
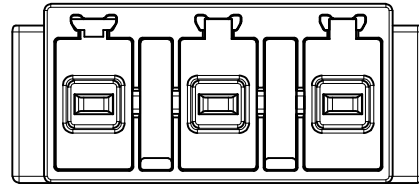
		Nominal dimension Tolerances (mm)							
F		0	over 18	over 30	over 50	over 80	over 120	over 180	over 250
		to 18	to 30	to 50	to 80	to 120	to 180	to 250	to 320
		±0.25	±0.3	±0.35	±0.5	±0.7	±0.9	±1.0	±1.2

2	Solder Pin 端子	Copper Alloy	Sn Plated
1	Housing 主体	PA66-CF	UL94 V-0
ITEM	NAME OF PART	MATERIAL	NOTES

APP. M.X.B	DATE: 2023.11.07	PART NO.: F9CP-5-7.5-XXP-X	
CHK. M.C.N	DATE: 2023.11.07		
DRW. C.W	DATE: 2023.11.07	DARWING TYPE: Customer Drawing	
PROJECTION		UNITS: mm	SCALE: 3:1 SHEET/OF: 1/4
		昆山艾尼维尔电子有限公司 KUN SHAN AINEWELL ELECTRONICS CO.,LTD	

02P~03P

04P



(02P~03P)
PCB LAYOUT

Nominal dimension Tolerances (mm)

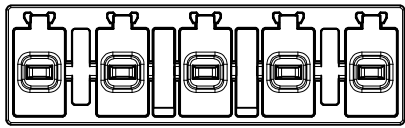
	over 18 to 18	over 30 to 30	over 50 to 50	over 80 to 80	over 120 to 120	over 180 to 180	over 250 to 250
0	±0.25	±0.3	±0.35	±0.5	±0.7	±0.9	±1.2

APP. M.X.B	DATE: 2023.11.07	PART NO: F9CP-5-7.5-XXP-X	
CHK. M.C.N	DATE: 2023.11.07		
DRW. C.W	DATE: 2023.11.07	DRAWING TYPE: Customer Drawing	
PROJECTION		UNITS: mm	SCALE: 3:1 SHEET/OF: 2/4
AINEWELL		昆山艾尼维尔电子有限公司 KUN SHAN AINEWELL ELECTRONICS CO.,LTD	

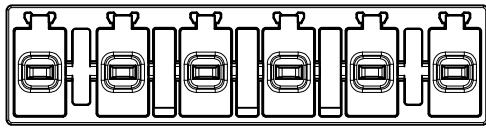
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A

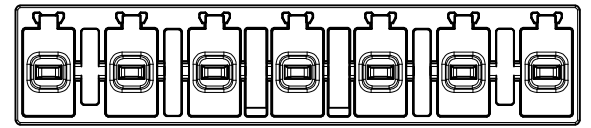
05P



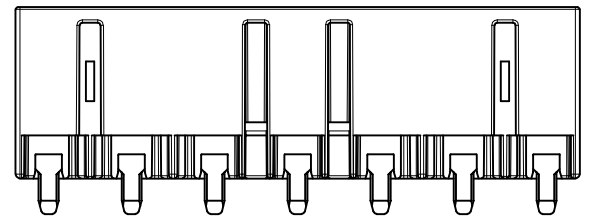
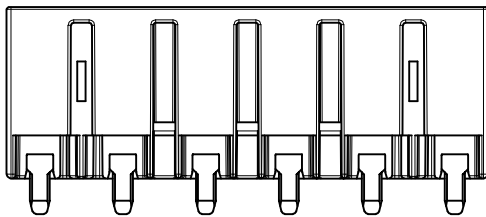
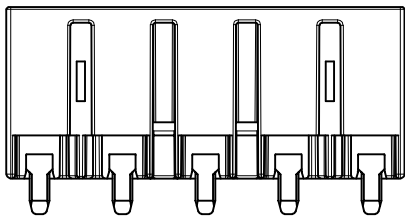
06P



07P

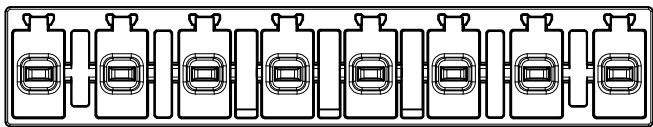


B

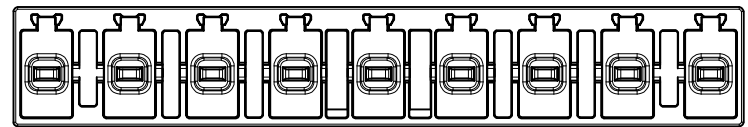


C

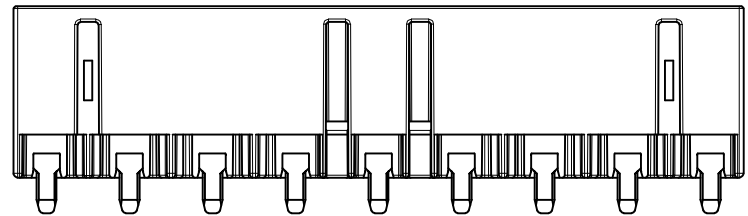
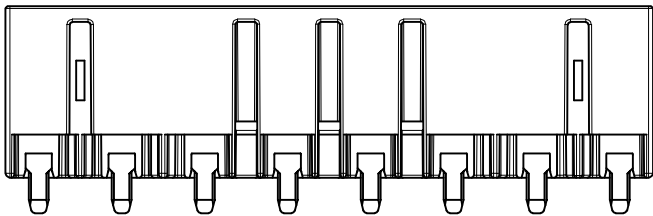
08P



09P



D



E

F

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

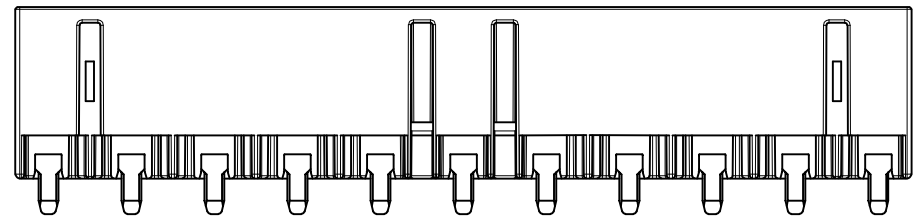
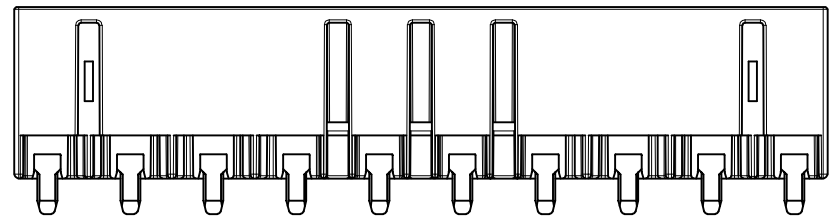
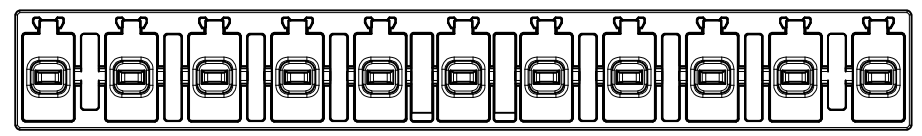
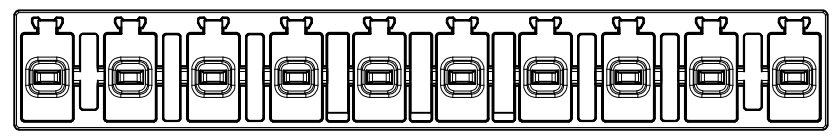
APP. M.X.B	DATE: 2023.11.07	PART NO:	
CHK. M.C.N	DATE: 2023.11.07	F9CP-5-7.5-XXP-X	
DRW. C.W	DATE: 2023.11.07	DARWING TYPE: Customer Drawing	
PROJECTION		UNITS: mm	SCALE: 2:1 SHEET/OF: 3/4
AINEWELL		昆山艾尼维尔电子有限公司 KUN SHAN AINEWELL ELECTRONICS CO.,LTD	

1 2 3 4 5 6 7 8

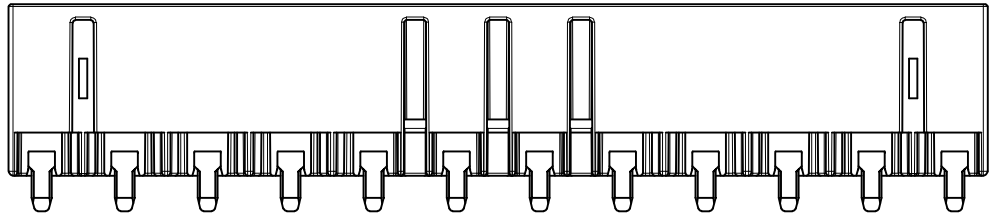
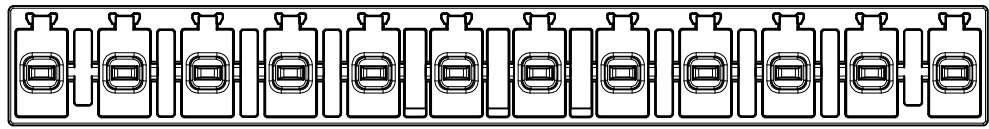
A3

10P

11P



12P



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

APP. M.X.B	DATE: 2023.11.07	PART NO:	
CHK. M.C.N	DATE: 2023.11.07	F9CP-5-7.5-XXP-X	
DRW. C.W	DATE: 2023.11.07	DARWING TYPE: Customer Drawing	
PROJECTION		UNITS: mm	SCALE: 2:1 SHEET/OF: 4/4
AINEWELL		昆山艾尼维尔电子有限公司 KUN SHAN AINEWELL ELECTRONICS CO.,LTD	