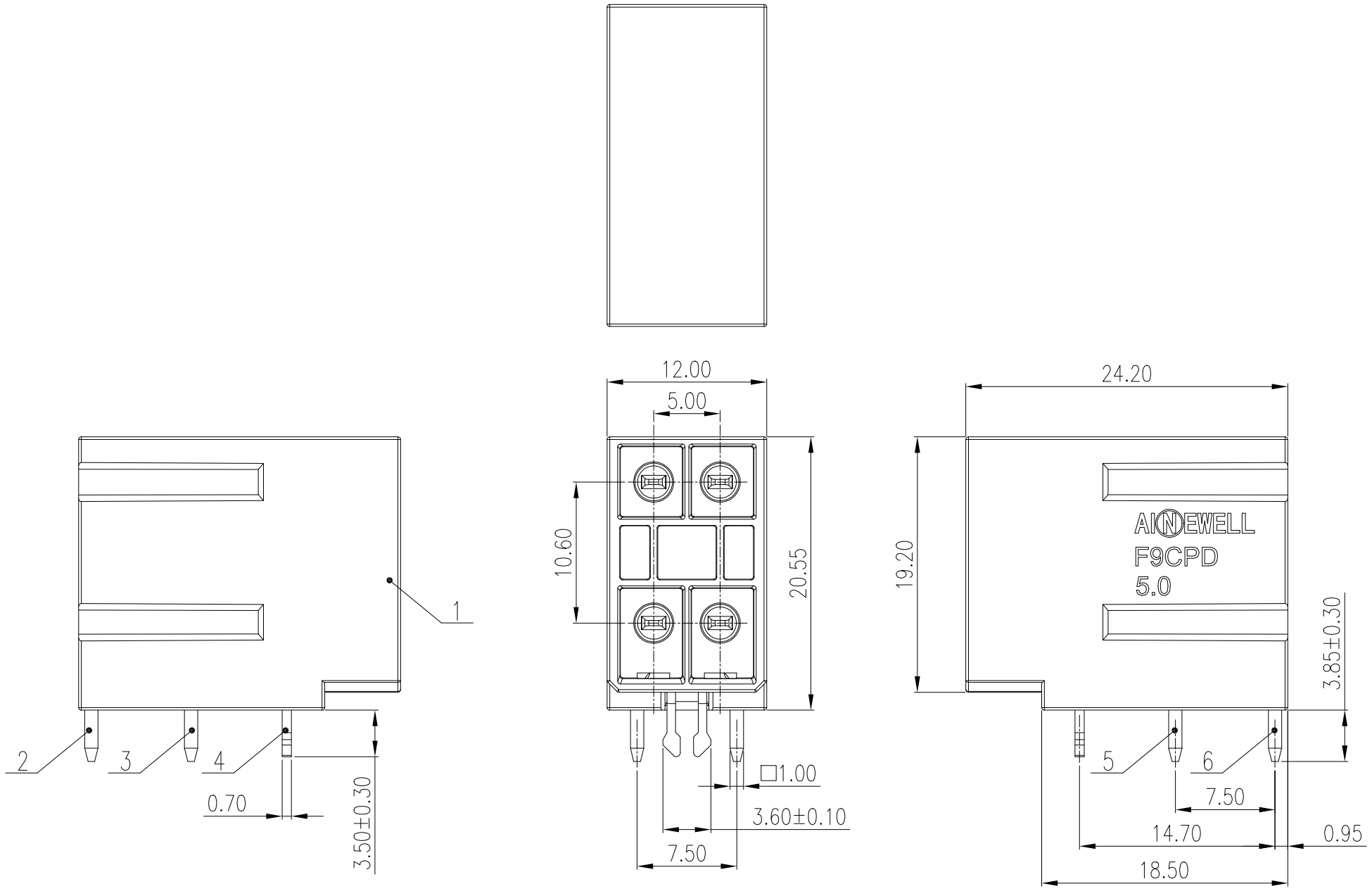
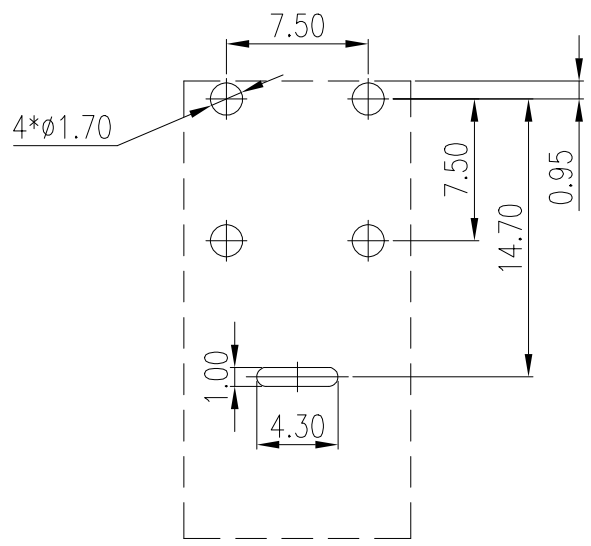
REV	DESCRIPTION	DRW.	DATE
00	初版发行	L.K	2025.01.15





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	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. 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:

F9CPD-7-5.0-04P-A

Poles/P数: 04: 4Poles

Color/颜色: A: Black/黑色

ITEM	NAME OF PART	MATERIAL	NOTES
6	Solder Pin 4 端子4	Copper Alloy	Sn Plated
5	Solder Pin 3 端子3	Copper Alloy	Sn Plated
4	Support pin 固定端子	Copper Alloy	Sn Plated
3	Solder Pin 2 端子2	Copper Alloy	Sn Plated
2	Solder Pin 1 端子1	Copper Alloy	Sn Plated
1	Housing 主体	PA66-GF	Black/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: 2025.01.15	PART NO.: F9CPD-7-5.0-04P-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

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

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