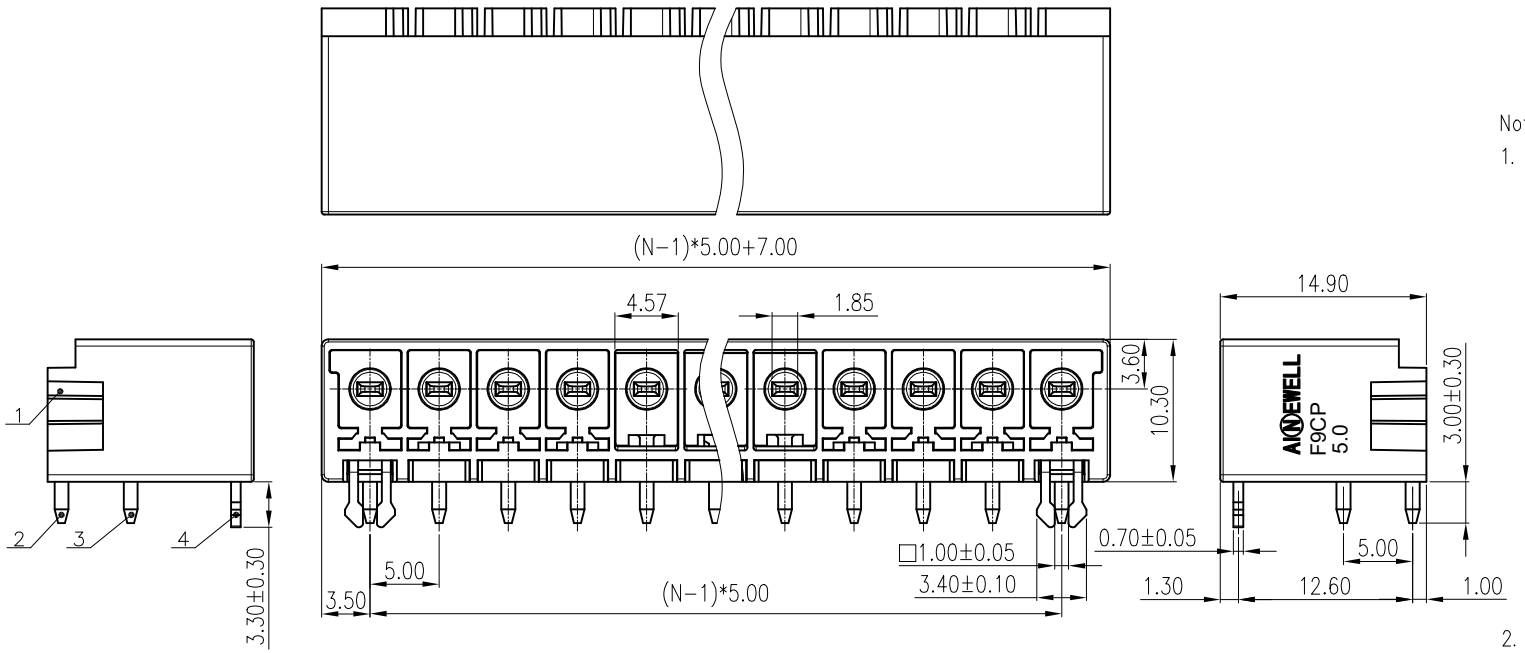
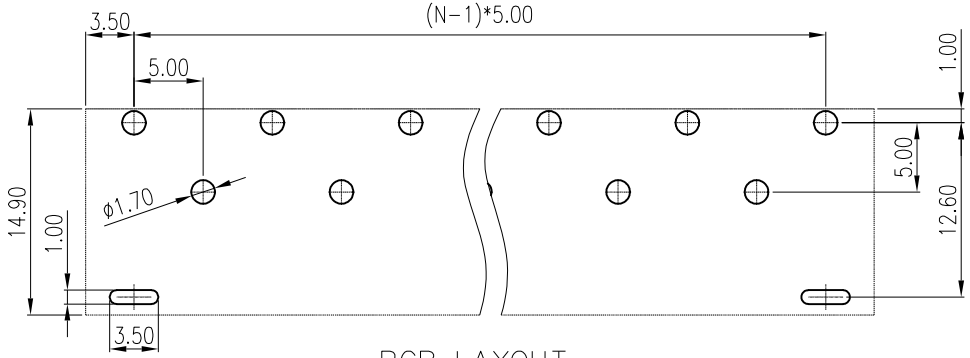
REV	DESCRIPTION	DRW.	DATE
00	初版发行	M.C.N	2023.08.07





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:**

F9CP-7H-5.0-XXP-X

Poles/**P数**

02: 2Poles
03: 3Poles
...
12: 12Poles

Color/**颜色**

1: Brown/**棕色**
2: Red/**红色**
3: Orange/**橙色**
4: Yellow/**黄色**
5: Green/**绿色**
6: Blue/**蓝色**
7: Purple/**紫色**
8: Grey/**灰色**
9: White/**白色**
A: Black/**黑色**

ITEM	NAME OF PART	MATERIAL	NOTES
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

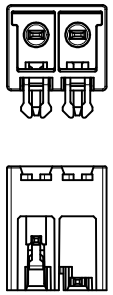
APP. M.X.B	DATE: 2023.08.07	PART NO.: F9CP-7H-5.0-XXP-X	
CHK. C.W	DATE: 2023.08.07		
DRW. M.C.N	DATE: 2023.08.07	DARWING TYPE: Customer Drawing	
PROJECTION		UNITS: mm	SCALE: 2.5:1 SHEET/OF: 1/1

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

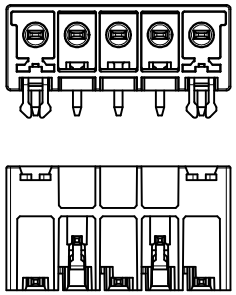
A3

REV	DESCRIPTION	DRW.	DATE
00	初版发行	M.C.N	2023.08.07

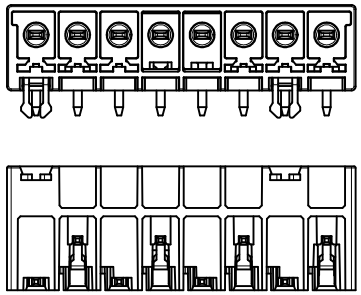
02P



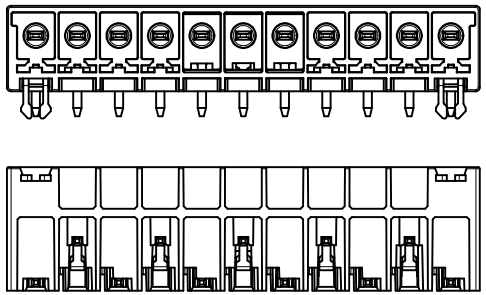
05P



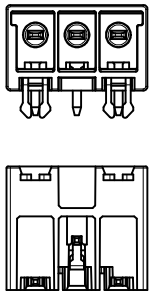
08P



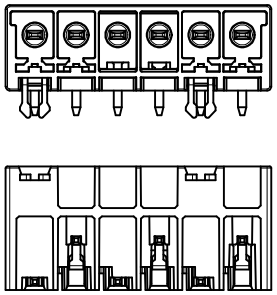
11P



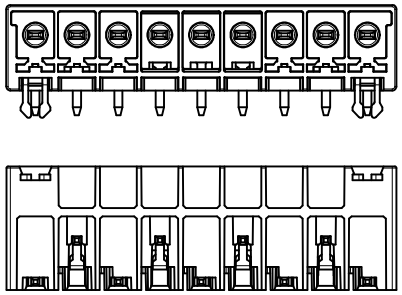
03P



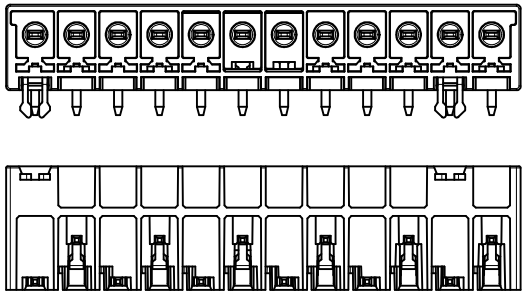
06P



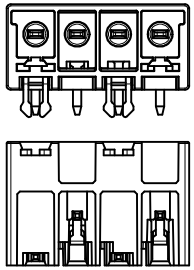
09P



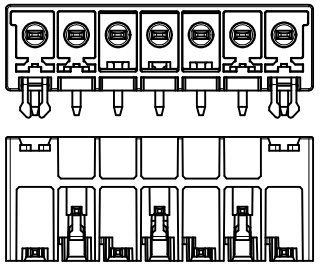
12P



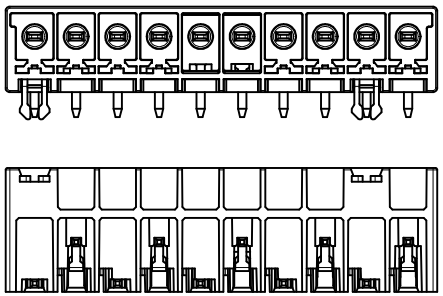
04P



07P



10P



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: 2023.08.07	PART NO.: F9CP-7H-5.0-XXP-X	
CHK. C.W	DATE: 2023.08.07		
DRW. M.C.N	DATE: 2023.08.07	DARWING TYPE: Customer Drawing	
PROJECTION		UNITS: mm	SCALE: 1.5:1 SHEET/OF: 2/2

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

A3