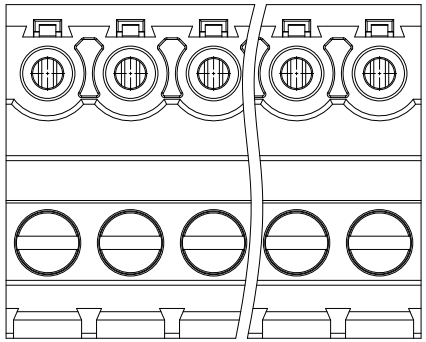
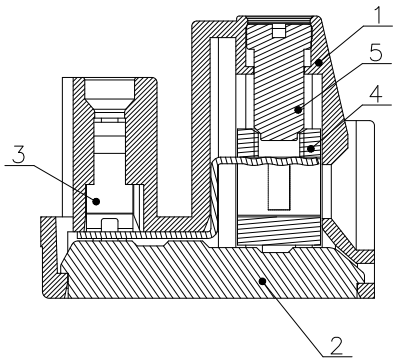
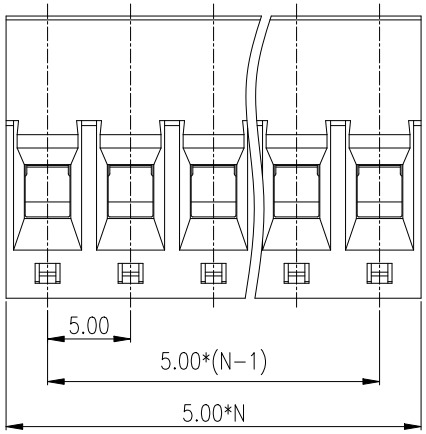
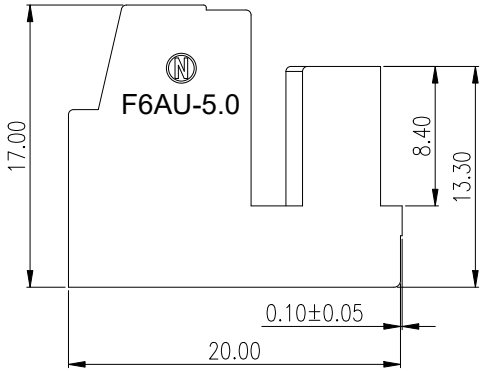
REV	DESCRIPTION	DRW.	DATE
00	初版发行	M.C.N	2026.03.20









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)	12	/	10
Withstanding voltage/工频耐电压	AC 2000V/1Min		

IEC Standard/IEC标准

Rated Voltage/额定电压(V): 320

Rated Current/额定电流(A): 12

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	250
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):
26~12/0.2~2.5(starr)/0.2~4(flexibel)

Stripping length/剥线长度(mm): 7

Wire tightening torque/锁线扭矩(N.m): 0.5

3. 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

ITEM	NAME OF PART	MATERIAL	NOTES
5	SCREW 螺丝	Copper Alloy	M3/Zn Plated
4	CAGE 方块	Copper Alloy	M3/Ni Plated
3	CLAMP 夹片	Copper Alloy	Sn Plated
2	COVER 盖板	PA66	UL94 V-0
1	HOUSING 主体	PA66	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

Part No./料号说明:

F6AU−5.0−XXP−1−X−9N

Poles/P数
02: 2Poles
03: 3Poles
...
24: 24Poles

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

APP. M.X.B	DATE: 2026.03.20	PART NO.:	F6AU-5.0-XXP-1-X-9N
CHK. C.W	DATE: 2026.03.20		
DRW. M.C.N	DATE: 2026.03.20	DRAWING TYPE: Customer Drawing	
PROJECTION		UNITS: mm	SCALE: 3:1 SHEET/OF: 1/1

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

A3