

REV	DESCRIPTION	DRW.	DATE
00.1	初版发行	C.W	2022.09.07

Notes/备注:

1. Electrical properties/电气特性

UL Standard/UL标准

Use Group/应用组别	B	C	D
Rated Voltage/额定电压 (V)	300	50	/
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): 160
Rated Current/额定电流 (A): 10

Overvoltage Category/过电压类别 /Pollution Degree/污染等级	II/2	III/2	III/3
Voltage/电压 (V)	320	160	160
Rated Impulse Voltage/冲击耐电压(V)	2.5	2.5	2.5

2. Connection data/连接数据

Wire range/线径范围(AWG/mm²): 28~16/0.14~1.5

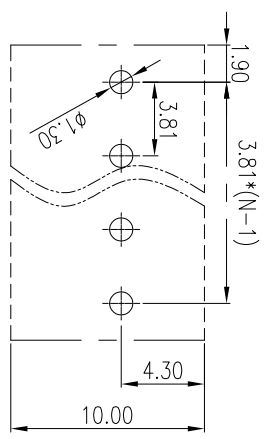
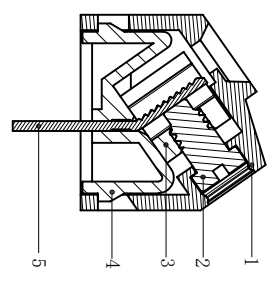
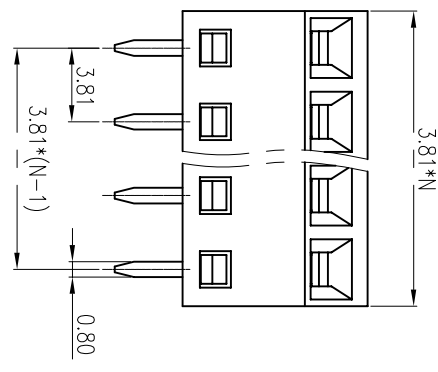
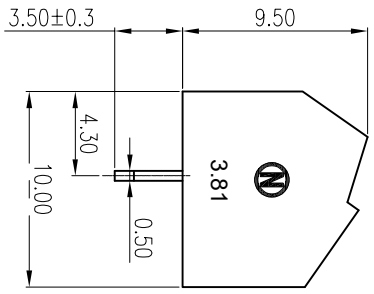
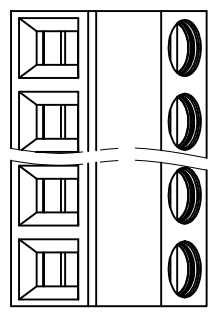
Stripping length/剥线长度(mm): 5~6

Wire tightening torque/导线扭矩(N.m): 0.2

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



PCB LAYOUT

Part No./料号说明:

F102-3.81-XXP-1CX

Nominal dimension Tolerances (mm)

0 to 18	18 to 30	30 to 50	50 to 80	80 to 120	120 to 180	180 to 250	250 to 320
±0.25	±0.3	±0.35	±0.5	±0.7	±0.9	±1.0	±1.2

Poles/极数

- 02:2Poles
- 03:3Poles
- ...: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.	DATE:	PART NO.:
CHK. <td>DATE:</td> <td>F102-3.81-XXP-1CX</td>	DATE:	F102-3.81-XXP-1CX
DRW. C.V <td>DATE: 2022.09.07</td> <td></td>	DATE: 2022.09.07	
PROJECTION	DRAWING TYPE: Customer Drawing	
UNITS: mm	SCALE: 3.5:1	SHEET/OF: 1/1

ITEM	NAME OR PART	MATERIAL	NOTES
5	PIN HEADER 焊针	Copper Alloy	Sn Plated
4	COVER 盖板	PA66	UL94 V-0
3	CAGE 方块	Copper Alloy	M2/Ni Plated
2	SCREW 螺丝	Steel	M2/Zn Plated
1	HOUSING 主体	PA66	UL94 V-0



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