

REV	DESCRIPTION	DRW.	DATE
00	初版发行	M.C.N	2022.10.14
01	修订按钮材质	M.C.N	2023.10.18

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)	150	/	150
Rated Current/额定电流 (A)	5	/	5
Withstanding voltage/工频耐电压	AC 1300V/1Min		

IEC Standard/IEC标准

Rated Voltage/额定电压 (V): 160
Rated Current/额定电流 (A): 6

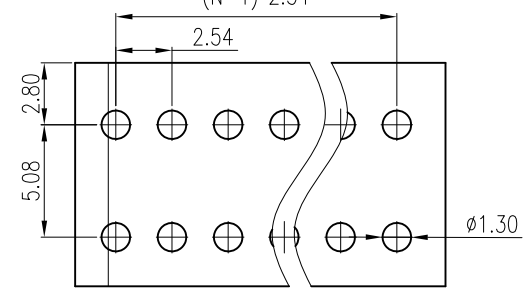
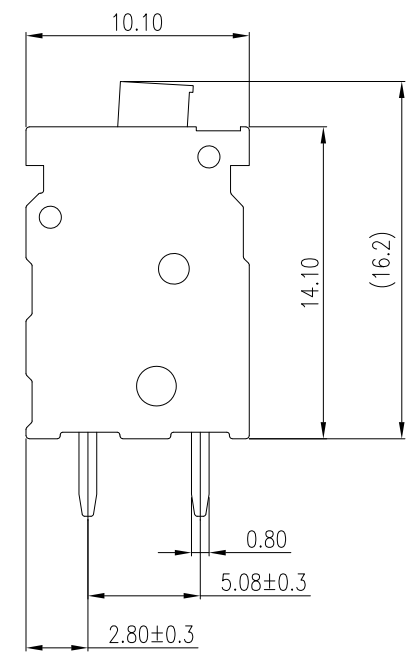
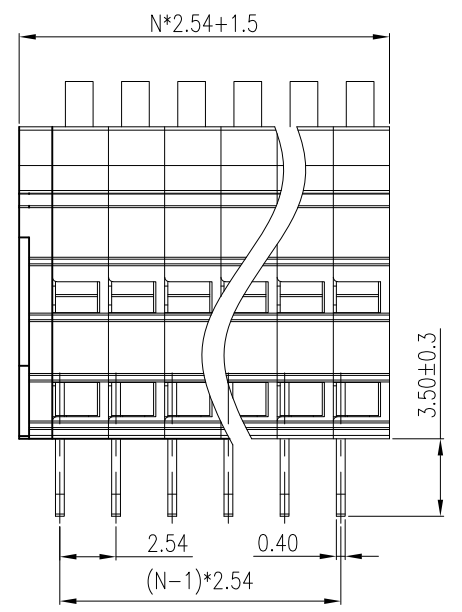
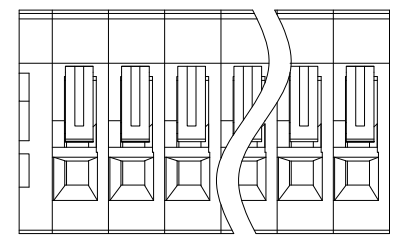
Overvoltage Category/过电压类别 /Pollution Degree/污染等级	II/2	III/2	III/3
Voltage/电压 (V)	320	160	160
Rated Impulse Voltage/冲击耐电压(KV)	2.5	2.5	2.5

2. Connection data/连接数据

Wire range/线径范围(AWG/mm²): 26~20/0.2~0.5
Stripping length/剥线长度(mm): 10

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



P.C.B.LAYOUT

Part No./料号说明:

F143V-2.54-XXP-X-W02

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

ITEM	NAME OF PART	MATERIAL	NOTES
5	PIN HEADER 焊针	Copper Alloy	Sn Plated
4	SPRING 弹片	STAINLESS STEEL	/
3	BUTTON 按钮	POM	
2	COVER 盖板	PA66	UL94 V-0
1	HOUSING 主体	PA66	UL94 V-0

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

APP.	DATE:	PART NO.: F143V-2.54-XXP-X-W02	
CHK.	DATE:		
DRW. M.C.N	DATE: 2022.10.14	DARWING TYPE: Customer Drawing	
PROJECTION		UNITS: mm	SCALE: 4:1 SHEET/OF: 1/1
AINEWELL		昆山艾尼维尔电子有限公司 KUN SHAN AINEWELL ELECTRONICS CO.,LTD	