

REV	DESCRIPTION	DRW.	DATE
00	初版发行	G.X.Y	2025.06.25

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

IEC Standard/IEC 标准

Rated Voltage/额定电压 (V): 320

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): 30~20/0.2~0.5

Stripping length/剥线长度(mm): 8~9

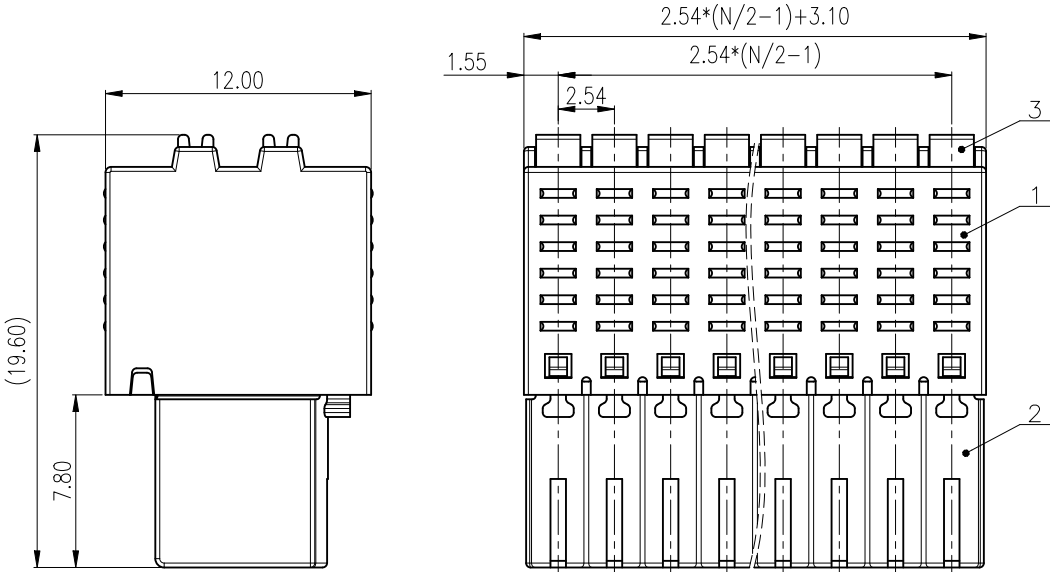
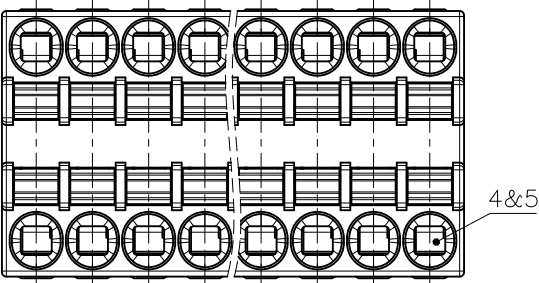
3. Environmental safety/环境安全

Operating temperature/工作温度范围(℃): -40~+105

RoHS compliant/符合RoHS环保要求

5	SPRING 弹片	Stainless steel	
4	CLAMP 夹片	Copper Alloy	Sn Plated
3	BUTTON 按钮	PA66	UL94 V-0
2	COVER 盖板	PA66	UL94 V-0
1	HOUSING 主体	PA66	UL94 V-0
ITEM	NAME OF PART	MATERIAL	NOTES

APP. M.X.B	DATE: 2025.06.25	PART NO.: F7ND-2.54-XXP-X		
CHK. M.C.N	DATE: 2025.06.25			
DRW. G.X.Y	DATE: 2025.06.25	DARWING TYPE: Customer Drawing		
PROJECTION		UNITS: mm	SCALE: 4:1	SHEET/OF: 1/1
		昆山艾尼维尔电子有限公司 KUN SHAN AINEWELL ELECTRONICS CO.,LTD		



Part No./料号说明:

F7ND-2.54-XXP-X

Poles/P数	Color/颜色	
04: 4Poles	1: Brown/棕色	6: Blue/蓝色
06: 6Poles	2: Red/红色	7: Purple/紫色
...	3: Orange/橙色	8: Grey/灰色
48: 48Poles	4: Yellow/黄色	9: White/白色
	5: Green/绿色	A: Black/黑色

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