

| REV | DESCRIPTION | DRW.  | DATE       |
|-----|-------------|-------|------------|
| 00  | 初版发行        | Y.H.X | 2025.11.01 |
|     |             |       |            |

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   |
|----------------------------|---------------|-----|-----|-----|
| Rated Voltage/额定电压 (V)     | 600           | 600 | 600 | 800 |
| Rated Current/额定电流 (A)     | 41            | 41  | 5   | 41  |
| Withstanding voltage/工频耐电压 | AC 2200V/1Min |     |     |     |

IEC Standard/IEC 标准

Rated Voltage/额定电压 (V): 1000  
Rated Current/额定电流 (A): 41

| Overvoltage Category/过电压类别<br>/Pollution Degree/污染等级 | II/2 | III/2 | III/3 |
|------------------------------------------------------|------|-------|-------|
| Voltage/电压 (V)                                       | 1000 | 1000  | 1000  |
| Rated Impulse Voltage/冲击耐电压 (kV)                     | 8    | 8     | 8     |

2. Connection data/连接数据

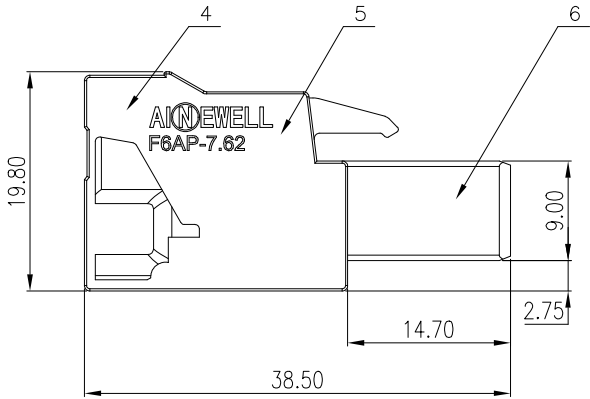
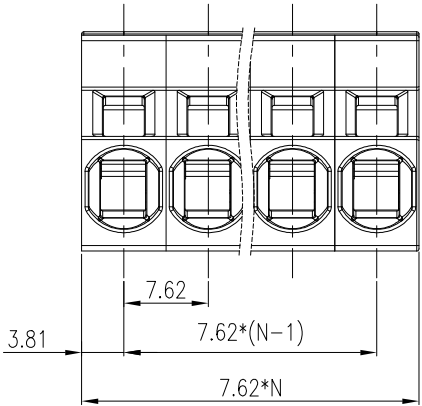
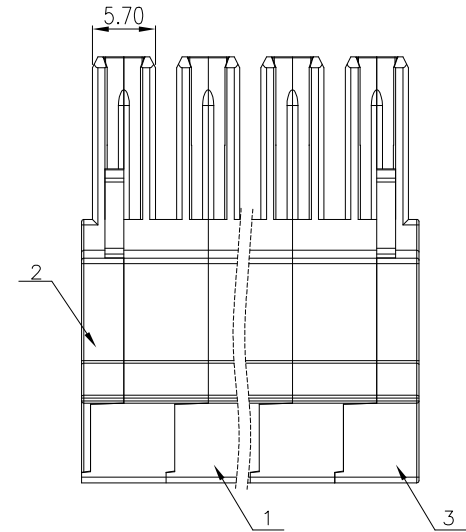
Wire range/线径范围 (AWG/mm<sup>2</sup>): 24~8/0.2~6(10 Sol)  
Stripping length/剥线长度 (mm): 15

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

|      |                 |                 |           |
|------|-----------------|-----------------|-----------|
| 6    | SPRING2 弹片2     | STAINLESS STEEL | /         |
| 5    | CLAMP 夹片        | Copper Alloy    | Sn Plated |
| 4    | SPRING1 弹片1     | STAINLESS STEEL | /         |
| 3    | RIGHT-COVER 右边盖 | PA66            | UL94 V-0  |
| 2    | LEFT-COVER 左边盖  | PA66            | UL94 V-0  |
| 1    | HOUSING 主体      | PA66            | UL94 V-0  |
| ITEM | NAME OF PART    | MATERIAL        | NOTES     |

|                                                                                       |                                                                                       |                                                       |            |               |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------|------------|---------------|
| APP.                                                                                  | DATE:                                                                                 | PART NO:<br><div>F6AP-7.62-XXP-X</div>                |            |               |
| CHK.                                                                                  | DATE:                                                                                 |                                                       |            |               |
| DRW. Y.H.X                                                                            | DATE: 2025.11.01                                                                      | DARWING TYPE: Customer Drawing                        |            |               |
| PROJECTION                                                                            |  | UNITS: mm                                             | SCALE: 2:1 | SHEET/OF: 1/1 |
|  |                                                                                       | 昆山艾尼维尔电子有限公司<br>KUN SHAN AINEWELL ELECTRONICS CO.,LTD |            |               |



Part No./料号说明:

F6AP-7.62-XXP-X

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

| 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            |