

### ELECTRICAL

Standard: UL IEC  
Rated Voltage: 300V 130V  
Rated Current: 10A 10A  
Contact Resistance: 20mΩ  
Insulation Resistance: 500MΩ / DC 500V  
Wire Rang: 28~14AWG 1.5mm<sup>2</sup>  
Withstanding Voltage: AC 2000V for one minute

### MECHANICAL

Steip Length: 8-9mm  
Temp. Range: -40°C~+105°C

### Dimensions

Pitch: 3.81mm  
Poles: 2-24P

### MATERIAL

Housing: PA66, UL94V-0  
Wire guard: Stainless Steel  
Pin header: Copper alloy, Sn plated

## ORDER INFORMATION

5 T M 3 8 1 N - W 0 1 N X X O L X - 0 1

No of Poles  
(02~24)

O: Orange

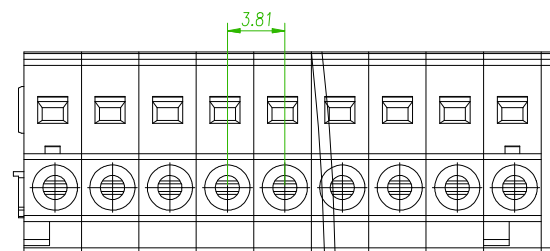
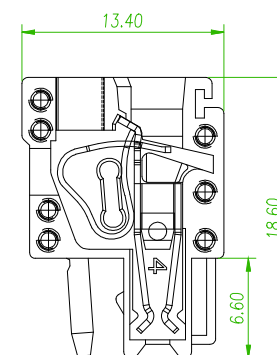
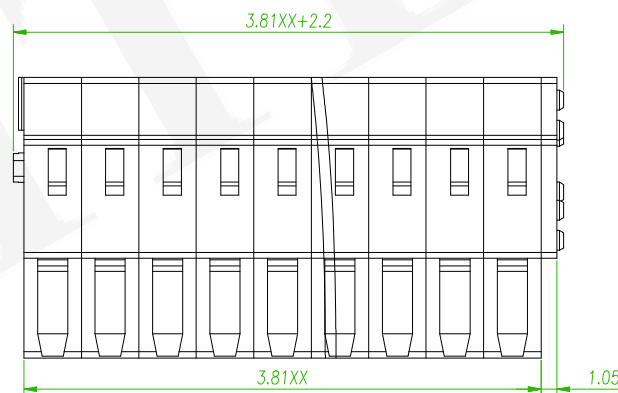
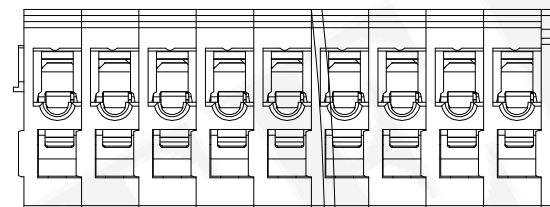
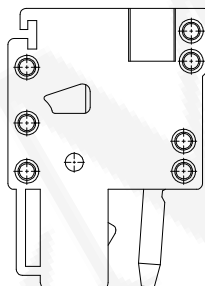
A: Tray  
B: Bag



AMTEK 糧德

2020.11.04

Released DCC



linear dimension (Tolerances Standard GB/T 14486-2008)



| variable range | to 6  | over 6 to 10 | over 10 to 30 | over 30 to 60 | over 60 to 100 | over 100 to 160 | over 160 to | to 10 | over 10 to 100 | over 100 to |
|----------------|-------|--------------|---------------|---------------|----------------|-----------------|-------------|-------|----------------|-------------|
| tolerance      | ±0.20 | ±0.30        | ±0.50         | ±0.70         | ±1.00          | ±1.30           | ±1.60       | 0.10  | 0.30           | 0.60        |

|      |                                     |         |            |
|------|-------------------------------------|---------|------------|
| REV. | ECN NO. OR DESCRIPTION              | REVISED | DATE       |
|      | ECN NO: 200718 Revise the Tolerance | Alice   | 2020/10/29 |



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| 品名<br>TITLE          | 3.81mm Terminal Block |  |  |  | 頁數<br>Page                | 1/1                |
|----------------------|-----------------------|--|--|--|---------------------------|--------------------|
| 品號<br>PART NO.       | 5TM381N-W01NXXOLX-01  |  |  |  | 繪圖<br>DRAWN               | Nick<br>2020/01/14 |
| 圖號<br>DRAWING NO.    | GN011-NI757           |  |  |  | 版本<br>REV.                | B                  |
| 客戶品號<br>CUSTOMER P/N |                       |  |  |  | 核對<br>CHECKED             | Josh<br>2020/01/14 |
| 公差<br>TOLERANCE      |                       |  |  |  | 比例<br>SCALE               | None               |
|                      |                       |  |  |  | 承認<br>APPROVED            | Josh<br>2020/01/14 |
|                      |                       |  |  |  | 單位<br>UNIT                | mm                 |
|                      |                       |  |  |  | THIRD ANGLE<br>PROJECTION |                    |