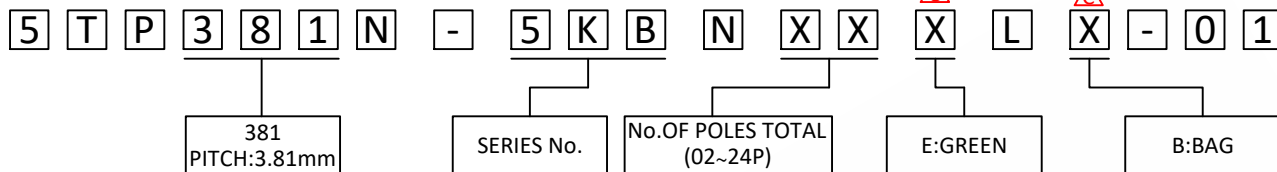


**MATERIAL**   
HOUSING: NYLON66, UL94V-0  
COVER: NYLON66, UL94V-0  
CAGE: COPPER ALLOY, M2/Ni PLATED  
SCREW: STEEL, M2/Zn PLATED, TORQUE: 0.2N.m  
CLAMP: COPPER ALLOY, Sn PLATED

## ORDER INFORMATION



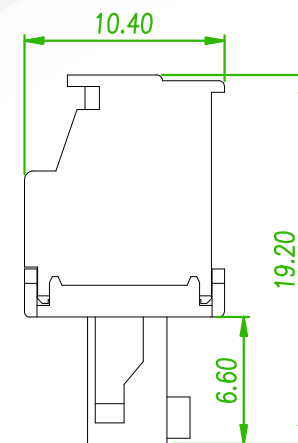
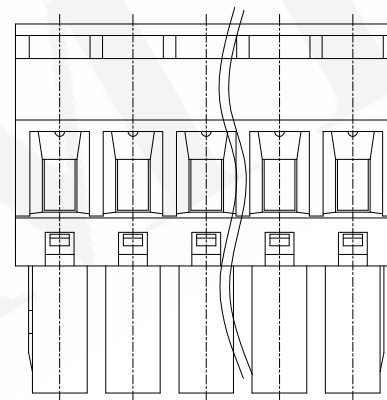
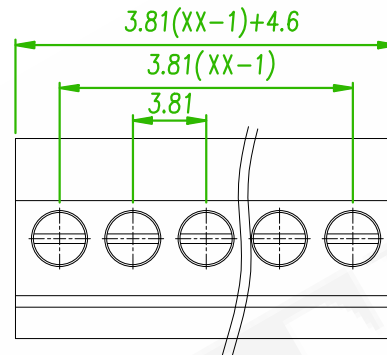
**MECHANICAL**  
OPERATING TEMPERATURE: -40°C~+105°C  
STRIPPING LENGTH: 6~7mm

**TECHNICAL DATA**   
UL/CUL

|                                    |                                                                                   |   |     |
|------------------------------------|-----------------------------------------------------------------------------------|---|-----|
| SAFETY APPROVAL                    |  |   |     |
| USE GROUP                          | B                                                                                 | C | D   |
| RATED VOLTAGE (V)                  | 300                                                                               | - | 300 |
| RATED CURRENT (A)                  | 8                                                                                 | - | 8   |
| WIRE RANGE<br>SOLID/STRANDED (AWG) | 28-16                                                                             |   |     |
| WITHSTANDING VOLTAGE               | 1600V (1MIN)                                                                      |   |     |

IEC

|                                                              |                                                                                   |     |     |
|--------------------------------------------------------------|-----------------------------------------------------------------------------------|-----|-----|
| SAFETY APPROVAL                                              |  |     |     |
| OVERVOLTAGE CATEGORY                                         | III                                                                               | III | II  |
| CONTAMINATION CLASS                                          | 3                                                                                 | 2   | 2   |
| RATED VOLTAGE (V)                                            | 160                                                                               | 160 | 320 |
| RATED CURRENT (A)                                            | 8                                                                                 | 8   | 8   |
| IMPULSE WITHSTANDING<br>VOLTAGE (KV)                         | 2.5                                                                               | 2.5 | 2.5 |
| CONDUCTOR CROSS SECTION<br>SOLID/FLEXIBLE (mm <sup>2</sup> ) | 0.2-1.5                                                                           |     |     |



| 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        |



ECN NO:240348 Revise the drawing

Gaby

2024/08/26



ECN NO:200718 Revise the Dimension

Alice

2020/09/09

REV.

ECN NO. OR DESCRIPTION

REVISED

DATE



糧德精密有限公司  
Amtek Technology Co., Ltd.

TEL: 886-2-2260-6878  
FAX: 886-2-2260-8030

|                      |                                 |             |      |                           |                                                                                       |                   |
|----------------------|---------------------------------|-------------|------|---------------------------|---------------------------------------------------------------------------------------|-------------------|
| 品名<br>TITLE          | TERMINAL BLOCK PLUGGABLE 3.81mm |             |      |                           | 頁數<br>Page                                                                            | 1/1               |
| 品號<br>PART NO.       | 5TP381N-5KBNXXXLX-01            |             |      |                           | 繪圖<br>DRAWN                                                                           | ROY<br>2018/11/16 |
| 圖號<br>DRAWING NO.    | GN011-RR955                     | 版本<br>REV.  | C    | 核對<br>CHECKED             | JOSH<br>2018/11/16                                                                    |                   |
| 客戶品號<br>CUSTOMER P/N |                                 | 比例<br>SCALE | None | 承認<br>APPROVED            | JASON<br>2018/11/16                                                                   |                   |
| 公差<br>TOLERANCE      |                                 | 單位<br>UNIT  | mm   | THIRD ANGLE<br>PROJECTION |  |                   |