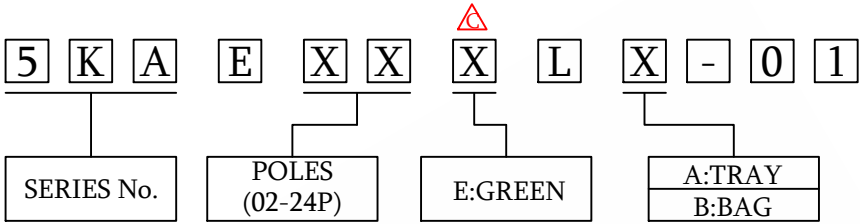
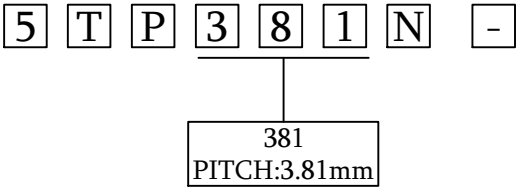


**MATERIAL**   
HOUSING: NYLON66, UL94V-0  
COVER: NYLON66, UL94V-0  
CLAMP: COPPER ALLOY, Sn PLATED  
CAGE: COPPER ALLOY, M2/Ni PLATED  
SCREW1: STEEL, M2/Zn PLATED, TORQUE: 0.2N.m  
SCREW2: STEEL, M2.5/Zn PLATED

**ORDER INFORMATION**



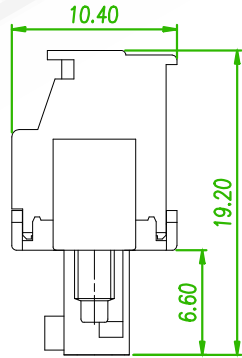
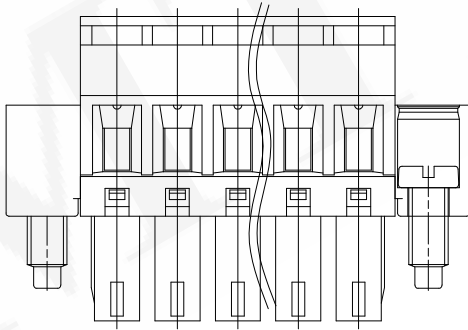
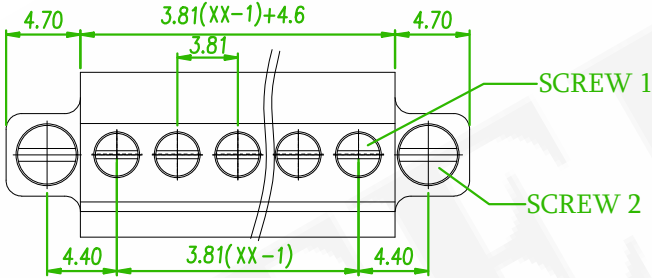
**MECHANICAL**  
OPERATING TEMPERATURE: -40°C~+105°C  
STRIPPING LENGTH: 6~7mm

**TECHNICAL DATA**   
UL/CUL

|                      |                                                                                   |   |     |
|----------------------|-----------------------------------------------------------------------------------|---|-----|
| SAFETY APPROVAL      |  |   |     |
| USE GROUP            | B                                                                                 | C | D   |
| RATED VOLTAGE (V)    | 300                                                                               | - | 300 |
| RATED CURRENT (A)    | 8                                                                                 | - | 8   |
| WIRE RANGE           | 28-16                                                                             |   |     |
| SOLID/STRANDED (AWG) |                                                                                   |   |     |
| 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 VOLTAGE (KV) | 2.5                                                                               | 2.5 | 2.5 |
| CONDUCTOR CROSS SECTION           | 0.2-1.5                                                                           |     |     |
| SOLID/FLEXIBLE (mm²)              |                                                                                   |     |     |



|                                                       |       |              |               |               |                |                 |             |       |                |             |
|-------------------------------------------------------|-------|--------------|---------------|---------------|----------------|-----------------|-------------|-------|----------------|-------------|
| 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       |

  
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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-5KAEXXXLX-01                                                                                                  |             |      |                              | 繪圖<br>DRAWN                                                                           | Eric<br>2018/12/14 |
| 圖號<br>DRAWING NO.    | GN011-EA286                                                                                                           | 版本<br>REV.  | C    | 核對<br>CHECKED                | Josh<br>2018/12/14                                                                    |                    |
| 客戶品號<br>CUSTOMER P/N |                                                                                                                       | 比例<br>SCALE | None | 承認<br>APPROVED               | Jason<br>2018/12/14                                                                   |                    |
| 公差<br>TOLERANCE      |                                                                                                                       | 單位<br>UNIT  | mm   | THIRD<br>ANGLE<br>PROJECTION |  |                    |