

MATERIAL

HOUSING: NYLON66, UL94V-0  
COVER: NYLON66, UL94V-0  
CLAMP: COPPER ALLOY, Sn PLATED  
BLOCK: STEEL, Zn PLATED  
CAGE: STEEL, M2.5/Zn PLATED  
SCREW: STEEL, M2.5/Zn PLATED, TORQUE: 0.4N.m

MECHANICAL

OPERATING TEMPERATURE: -40°C~+105°C  
STRIPPING LENGTH: 9~10mm

TECHNICAL DATA

UL/CUL

|                                    |                                                                                   |   |     |
|------------------------------------|-----------------------------------------------------------------------------------|---|-----|
| SAFETY APPROVAL                    |  |   |     |
| USE GROUP                          | B                                                                                 | C | D   |
| RATED VOLTAGE (V)                  | 300                                                                               | - | 300 |
| RATED CURRENT (A)                  | 15                                                                                | - | 10  |
| WIRE RANGE<br>SOLID/STRANDED (AWG) | 28-12                                                                             |   |     |
| WITHSTANDING VOLTAGE               | 1600V (1MIN)                                                                      |   |     |

IEC

|                                                                 |         |     |     |
|-----------------------------------------------------------------|---------|-----|-----|
| OVERVOLTAGE CATEGORY                                            | III     | III | II  |
| CONTAMINATION CLASS                                             | 3       | 2   | 2   |
| RATED VOLTAGE (V)                                               | 250     | 320 | 630 |
| RATED CURRENT (A)                                               | 15      | 15  | 15  |
| IMPULSE WITHSTANDING<br>VOLTAGE (KV)                            | 4.0     | 4.0 | 4.0 |
| CONDUCTOR CROSS<br>SECTION<br>SOLID/FLEXIBLE (mm <sup>2</sup> ) | 0.2-2.5 |     |     |

ORDER INFORMATION

5 T P 5 0 0 N - 2 K C N X X X L X - 0 1

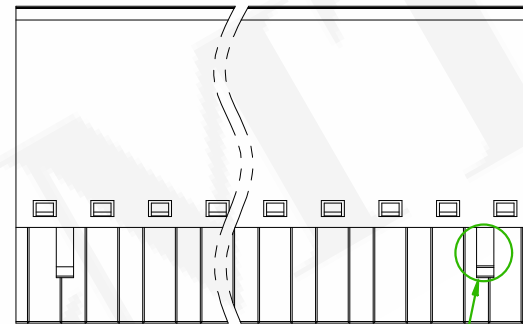
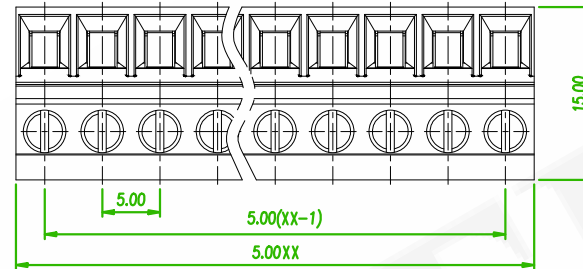
500  
PITCH: 5.00mm

SERIES No.

POLES  
(02-24P)

E: GREEN

A: TRAY  
B: BAG



FOR 2 PINS,  
ONLY THIS ONE IS AVAILABLE



|                                                        |       |              |               |               |                |                 |             |       |                |             |
|--------------------------------------------------------|-------|--------------|---------------|---------------|----------------|-----------------|-------------|-------|----------------|-------------|
| 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    | 2024/10/21 |  |
|  | ECN NO: 200718 Revise the Tolerance |  |  |  |  |  |  | Alice   | 2020/09/15 |  |
| REV.                                                                              | ECN NO. OR DESCRIPTION              |  |  |  |  |  |  | REVISED | DATE       |  |



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|                      |                                 |             |      |                           |                                                                                       |     |
|----------------------|---------------------------------|-------------|------|---------------------------|---------------------------------------------------------------------------------------|-----|
| 品名<br>TITLE          | TERMINAL BLOCK PLUGGABLE 5.00mm |             |      |                           | 頁數<br>Page                                                                            | 1/1 |
| 品號<br>PART NO.       | 5TP500N-2KCNXXXLX-01            |             |      | 繪圖<br>DRAWN               | ERIC<br>2018/12/18                                                                    |     |
| 圖號<br>DRAWING NO.    | GN011-EA319                     | 版本<br>REV.  | C    | 核對<br>CHECKED             | JOSH<br>2018/12/18                                                                    |     |
| 客戶品號<br>CUSTOMER P/N |                                 | 比例<br>SCALE | None | 承認<br>APPROVED            | JASON<br>2018/12/18                                                                   |     |
| 公差<br>TOLERANCE      |                                 | 單位<br>UNIT  | mm   | 第三<br>ANGLE<br>PROJECTION |  |     |