

**MATERIAL**  
HOUSING: NYLON66, UL94V-0  
COVER: NYLON66, UL94V-0  
SPRING: STAINLESS STEEL  
CLAMP: COPPER ALLOY, Sn PLATED  
BUTTON: POM, UL94-HB

**MECHANICAL**  
OPERATING TEMPERATURE: -40°C ~ +105°C

**TECHNICAL DATA**   
UL/CUL

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

|                                   |                                                                                   |     |     |
|-----------------------------------|-----------------------------------------------------------------------------------|-----|-----|
| IEC                               |  |     |     |
| OVERVOLTAGE CATEGORY              | III                                                                               | III | II  |
| CONTAMINATION CLASS               | 3                                                                                 | 2   | 2   |
| RATED VOLTAGE (V)                 | 320                                                                               | 320 | 630 |
| RATED CURRENT (A)                 | 12                                                                                | 12  | 12  |
| IMPULSE WITHSTANDING VOLTAGE (KV) | 4.0                                                                               | 4.0 | 4.0 |
| CONDUCTOR CROSS SECTION           | 0.2-2.5                                                                           |     |     |
| SOLID/FLEXIBLE (mm <sup>2</sup> ) |                                                                                   |     |     |

**ORDER INFORMATION**

5 T P 5 0 8 N - 2 D H N X X X L X - 0 1

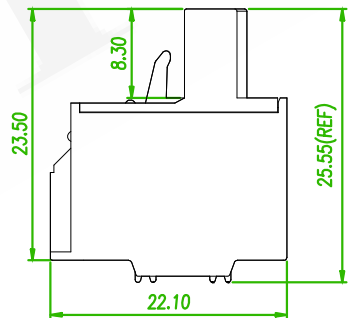
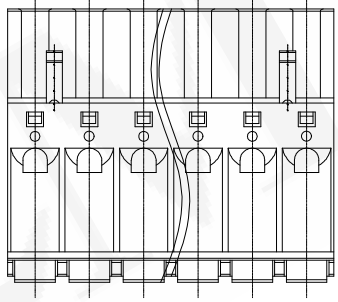
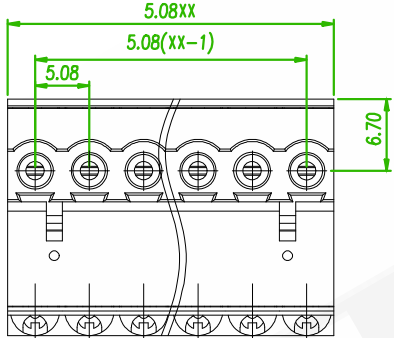
508  
PITCH: 5.08mm

SERIES No.

POLES  
(02-24P)

E: GREEN

A: TRAY  
B: BAG



|                                                        |       |              |               |               |                |                 |                 |       |                                                                                     |                                                                                      |
|--------------------------------------------------------|-------|--------------|---------------|---------------|----------------|-----------------|-----------------|-------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| 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 100 | to 10 | over 10 to 100                                                                      | over 100 to 100                                                                      |
| 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    | 2024/10/23 |
|  | ECN NO: 200718 Revise the Tolerance | Alice   | 2020/09/18 |
| REV.                                                                              | ECN NO. OR DESCRIPTION              | REVISED | DATE       |



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|                      |                                 |             |      |                        |                                                                                       |      |
|----------------------|---------------------------------|-------------|------|------------------------|---------------------------------------------------------------------------------------|------|
| 品名<br>TITLE          | TERMINAL BLOCK PLUGGABLE 5.08mm |             |      |                        | 頁數<br>Page                                                                            | 1/1  |
| 品號<br>PART NO.       | 5TP508N-2DHNXXXLX-01            |             |      |                        | 繪圖<br>DRAWN                                                                           | ERIC |
| 圖號<br>DRAWING NO.    | GN011-EA171                     | 版本<br>REV.  | C    | 核對<br>CHECKED          | JOSH                                                                                  |      |
| 客戶品號<br>CUSTOMER P/N |                                 | 比例<br>SCALE | None | 承認<br>APPROVED         | JASON                                                                                 |      |
| 公差<br>TOLERANCE      |                                 | 單位<br>UNIT  | mm   | THIRD ANGLE PROJECTION |  |      |