

MATERIAL   
HOUSING: NYLON66, UL94V-0  
PIN: COPPER ALLOY, Sn PLATED

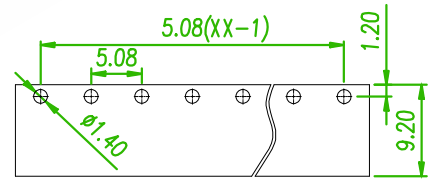
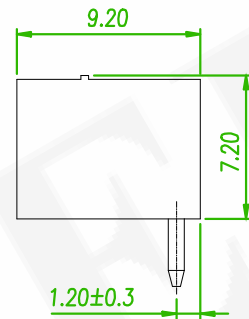
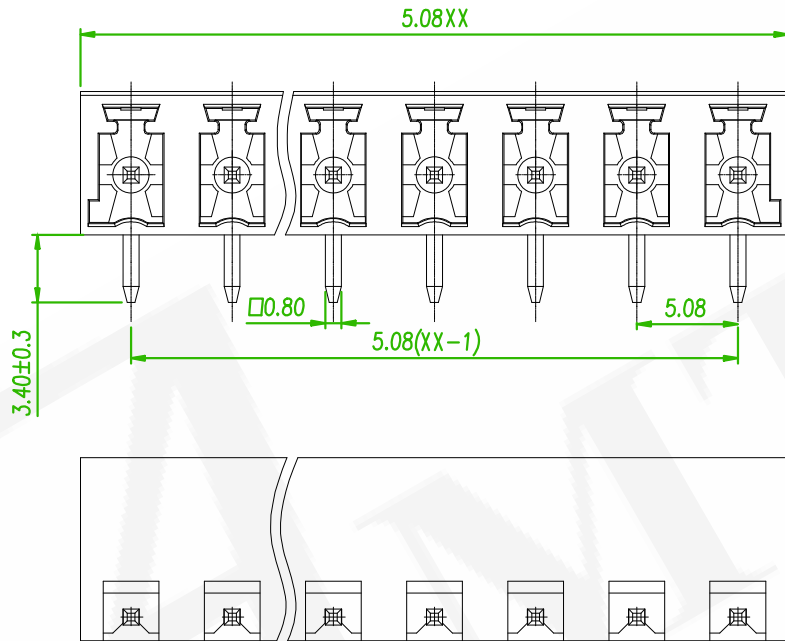
MECHANICAL  
OPERATING TEMPERATURE: -40°C~+105°C  
SOLDERING TEMPERATURE: 260°C/5S

TECHNICAL DATA 

|                                   |                                                                                   |     |     |
|-----------------------------------|-----------------------------------------------------------------------------------|-----|-----|
| UL/CUL                            |                                                                                   |     |     |
| SAFETY APPROVAL                   |  |     |     |
| USE GROUP                         | B                                                                                 | C   | D   |
| RATED VOLTAGE (V)                 | 300                                                                               | -   | 300 |
| RATED CURRENT (A)                 | 8                                                                                 | -   | 8   |
| WIRE RANGE                        | -                                                                                 |     |     |
| SOLID/STRANDED (AWG)              |                                                                                   |     |     |
| WITHSTANDING VOLTAGE              | 1600V (1MIN)                                                                      |     |     |
| IEC                               |                                                                                   |     |     |
| OVERVOLTAGE CATEGORY              | III                                                                               | III | II  |
| CONTAMINATION CLASS               | 3                                                                                 | 2   | 2   |
| RATED VOLTAGE (V)                 | 250                                                                               | 320 | 400 |
| RATED CURRENT (A)                 | 8                                                                                 | 8   | 8   |
| IMPULSE WITHSTANDING VOLTAGE (KV) | 4.0                                                                               | 4.0 | 4.0 |
| CONDUCTOR CROSS SECTION           | -                                                                                 |     |     |
| SOLID/FLEXIBLE (mm <sup>2</sup> ) |                                                                                   |     |     |

ORDER INFORMATION

|                      |   |   |   |   |   |   |            |   |   |                                |   |   |          |                                                                                   |   |                   |   |   |   |   |
|----------------------|---|---|---|---|---|---|------------|---|---|--------------------------------|---|---|----------|-----------------------------------------------------------------------------------|---|-------------------|---|---|---|---|
| 5                    | T | P | 5 | 0 | 8 | R | -          | 5 | E | C                              | N | X | X        |  | X | L                 | X | - | 0 | 1 |
| 508<br>PITCH: 5.08mm |   |   |   |   |   |   | SERIES No. |   |   | No. OF POLES TOTAL<br>(02~24P) |   |   | E: GREEN |                                                                                   |   | B: BAG<br>A: TRAY |   |   |   |   |



RECOMMENDED PCB LAOUT  
(PCB TOLERANCE ±0.05)



| 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    | 2024/09/10 |
| ECN NO:200718 Revise the Tolerance | Alice   | 2020/12/24 |
| REV. ECN NO. OR DESCRIPTION        | REVISED | DATE       |



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|                      |                                                 |             |      |                           |                                                                                       |     |
|----------------------|-------------------------------------------------|-------------|------|---------------------------|---------------------------------------------------------------------------------------|-----|
| 品名<br>TITLE          | TERMINAL BLOCK PLUGGABLE 5.08mm DIP<br>R/A TYPE |             |      |                           | 頁數<br>Page                                                                            | 1/1 |
| 品號<br>PART NO.       | 5TP508R-5ECNXXLX-01                             |             |      | 繪圖<br>DRAWN               | DAVID<br>2020/03/12                                                                   |     |
| 圖號<br>DRAWING NO.    | GN011-DV890                                     | 版本<br>REV.  | C    | 核對<br>CHECKED             | JOSH<br>2020/03/12                                                                    |     |
| 客戶品號<br>CUSTOMER P/N |                                                 | 比例<br>SCALE | None | 承認<br>APPROVED            | JOSH<br>2020/03/12                                                                    |     |
| 公差<br>TOLERANCE      |                                                 | 單位<br>UNIT  | mm   | 第三<br>ANGLE<br>PROJECTION |  |     |