

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

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

TECHNICAL DATA

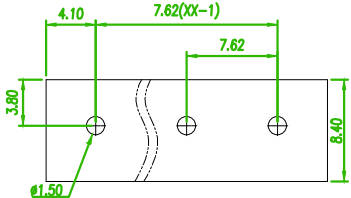
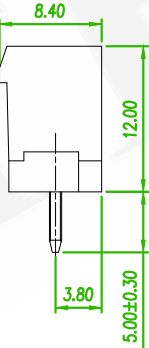
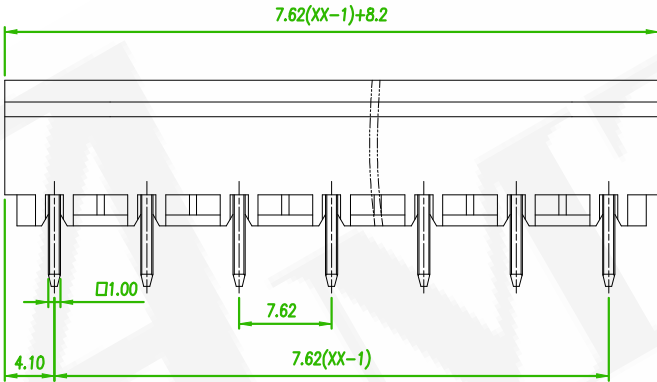
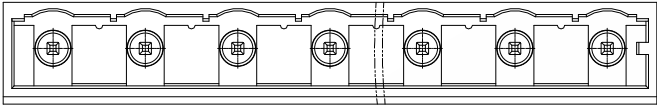
UL/CUL

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

|                                                 |          |     |     |
|-------------------------------------------------|----------|-----|-----|
| IEC                                             | IEC61984 |     |     |
| OVERVOLTAGE CATEGORY                            | III      | III | II  |
| CONTAMINATION CLASS                             | 3        | 2   | 2   |
| RATED VOLTAGE (V)                               | 320      | 320 | 630 |
| RATED CURRENT (A)                               | 12       | 12  | 12  |
| IMPULSE WITHSTANDING<br>VOLTAGE (KV)            | 4.0      | 4.0 | 4.0 |
| CONDUCTOR CROSS SECTION<br>SOLID/FLEXIBLE (mm²) | /        |     |     |

ORDER INFORMATION

|                      |   |   |   |   |   |            |   |   |                              |   |   |           |   |   |                   |   |   |   |   |
|----------------------|---|---|---|---|---|------------|---|---|------------------------------|---|---|-----------|---|---|-------------------|---|---|---|---|
| 5                    | T | M | 7 | 6 | 2 | S          | - | W | 0                            | 1 | N | X         | X | X | L                 | X | - | 0 | 1 |
| 762<br>PITCH: 7.62mm |   |   |   |   |   | SERIES No. |   |   | NO OF PINS TOTAL<br>(02-24P) |   |   | O: ORANGE |   |   | A: TRAY<br>B: BAG |   |   |   |   |



RECOMMENDED PCB LAOUT  
(PCB TOLERANCE ±0.05)



|                                                                                      |                                    |           |            |            |            |             |             |          |                                                                                     |                                                                                       |
|--------------------------------------------------------------------------------------|------------------------------------|-----------|------------|------------|------------|-------------|-------------|----------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| linear dimension(Tolerances Standard GB/T 14486-2008)                                |                                    |           |            |            |            |             |             | —        |  |  |
| variable<br>range                                                                    | to<br>6                            | over<br>6 | over<br>10 | over<br>30 | over<br>60 | over<br>100 | over<br>160 | to<br>10 | over<br>10                                                                          | over<br>100                                                                           |
|                                                                                      |                                    | to<br>10  | to<br>30   | to<br>60   | to<br>100  | to<br>160   | to<br>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                                                                                  |
|  x1 | ECN NO:200718 Revise the Tolerance |           |            |            |            |             |             |          | Alice                                                                               | 2020                                                                                  |
| REV.                                                                                 | ECN NO. OR DESCRIPTION             |           |            |            |            |             |             |          | REVISED                                                                             | DATE                                                                                  |

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|                      |                               |             |      |                           |                    |                    |
|----------------------|-------------------------------|-------------|------|---------------------------|--------------------|--------------------|
| 品名<br>TITLE          | TERMINA; BLOCK MCS 7.62mm DIP |             |      |                           | 頁數<br>Page         | 1/1                |
| 品號<br>PART NO.       | 5TM762S-W01NXXXLX-01          |             |      |                           | 繪圖<br>DRAWN        | Nick<br>2020/02/07 |
| 圖號<br>DRAWING NO.    | GN011-NI830                   | 版本<br>REV.  | C    | 核對<br>CHECKED             | JOSH<br>2020/02/07 |                    |
| 客戶品號<br>CUSTOMER P/N |                               | 比例<br>SCALE | None | 承認<br>APPROVED            | JOSH<br>2020/02/07 |                    |
| 公差<br>TOLERANCE      |                               | 單位<br>UNIT  | mm   | THIRD ANGLE<br>PROJECTION |                    |                    |