

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

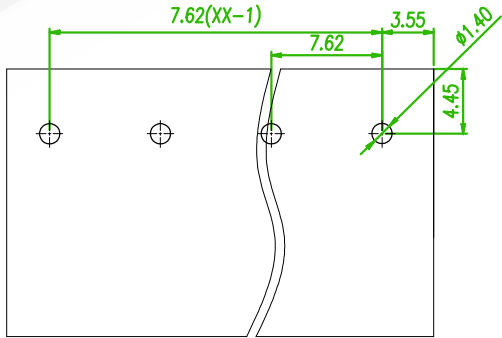
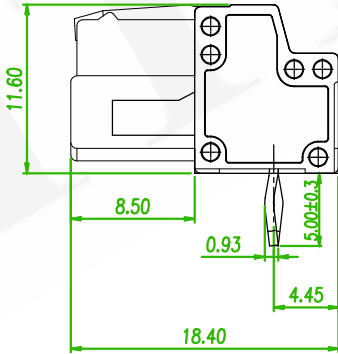
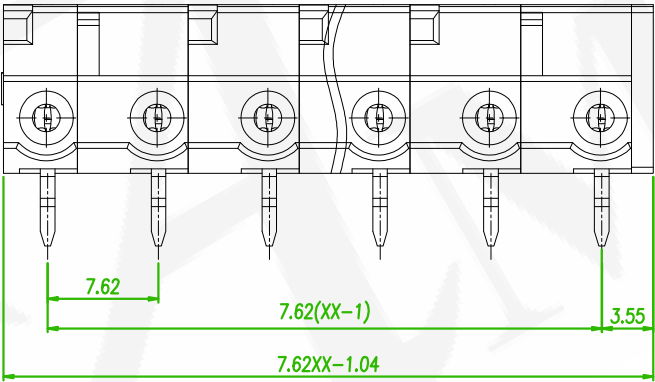
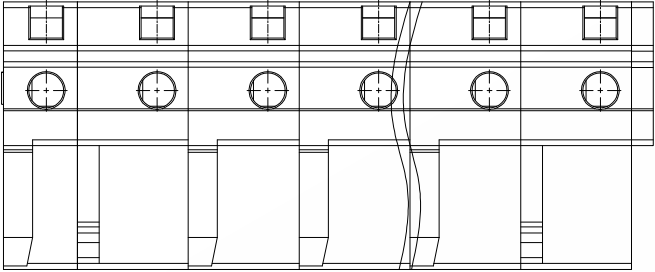
|                      |              |   |     |
|----------------------|--------------|---|-----|
| SAFETY APPROVAL      |              |   |     |
| USE GROUP            | B            | C | D   |
| RATED VOLTAGE (V)    | 300          | - | 300 |
| RATED CURRENT (A)    | 15           | - | 10  |
| WIRE RANGE           | /            |   |     |
| 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  | 10  |
| IMPULSE WITHSTANDING VOLTAGE (KV) | 4.0 | 4.0 | 4.0 |
| CONDUCTOR CROSS SECTION           | /   |     |     |
| SOLID/FLEXIBLE (mm <sup>2</sup> ) | /   |     |     |

ORDER INFORMATION

|                      |   |   |   |   |   |            |   |   |                              |   |   |            |   |   |        |   |   |   |   |
|----------------------|---|---|---|---|---|------------|---|---|------------------------------|---|---|------------|---|---|--------|---|---|---|---|
| 5                    | T | M | 7 | 6 | 2 | R          | - | 0 | 5                            | 4 | N | X          | X | X | L      | X | - | 0 | 1 |
| 762:<br>PITCH 7.62mm |   |   |   |   |   | SERIES NO. |   |   | NO OF POLES TOTAL<br>(02~12) |   |   | W: NATURAL |   |   | B: BAG |   |   |   |   |



RECOMMENDED PCB LAYOUT  
(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 250 | to 10 | over 10 to 100 | over 100 to 250 |
| tolerance                                              | ±0.20 | ±0.30        | ±0.50         | ±0.70         | ±1.00          | ±1.30           | ±1.60           | 0.10  | 0.30           | 0.60            |

|      |                            |         |            |
|------|----------------------------|---------|------------|
| REV. | EasyFlow No.: 202401240001 | Randy   | 2024/03/25 |
|      | ECN NO. OR DESCRIPTION     | REVISED | DATE       |

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|                      |                                           |             |      |                               |                     |     |
|----------------------|-------------------------------------------|-------------|------|-------------------------------|---------------------|-----|
| 品名<br>TITLE          | TERMINAL BLOCK MCS 7.62mm DIP R/A<br>TYPE |             |      |                               | 頁數<br>Page          | 1/1 |
| 品號<br>PART NO.       | 5TM762R-054NXXXLX-01                      |             |      | 繪圖<br>DRAWN                   | RANDY<br>2024/03/25 |     |
| 圖號<br>DRAWING NO.    | GN110-RD402                               | 版本<br>REV.  | A    | 核對<br>CHECKED                 | JOSH<br>2024/03/25  |     |
| 客戶品號<br>CUSTOMER P/N |                                           | 比例<br>SCALE | None | 承認<br>APPROVED                | JOSH<br>2024/03/25  |     |
| 公差<br>TOLERANCE      |                                           | 單位<br>UNIT  | mm   | 第三角<br>THIRD ANGLE PROJECTION |                     |     |