

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

MECHANICAL  
OPERATING TEMPERATURE: -40°C ~ +105°C  
STRIPPING LENGTH: 10 ~ 11mm

TECHNICAL DATA

UL/CUL

|                                    |              |   |     |
|------------------------------------|--------------|---|-----|
| SAFETY APPROVAL                    |              |   |     |
| USE GROUP                          | B            | C | D   |
| RATED VOLTAGE (V)                  | 300          | - | 300 |
| RATED CURRENT (A)                  | 12           | - | 10  |
| WIRE RANGE<br>SOLID/STRANDED (AWG) | 20-12        |   |     |
| WITHSTANDING VOLTAGE               | 1600V (1MIN) |   |     |

|                                                    |           |     |     |
|----------------------------------------------------|-----------|-----|-----|
| IEC                                                | ECN: 77-4 |     |     |
| OVERVOLTAGE CATEGORY                               | III       | III | II  |
| CONTAMINATION CLASS                                | 3         | 2   | 2   |
| RATED VOLTAGE (V)                                  | 320       | 320 | 630 |
| RATED CURRENT (A)                                  | 24        | 24  | 24  |
| IMPULSE WITHSTANDING<br>VOLTAGE (KV)               | 4.0       | 4.0 | 4.0 |
| CONDUCTOR CROSS<br>SECTION<br>SOLID/FLEXIBLE (mm²) | 0.25-2.5  |     |     |

ORDER INFORMATION

5 T R 7 5 0 R - 2 3 7 N X X X L X - 0 1

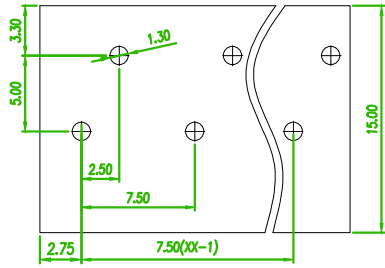
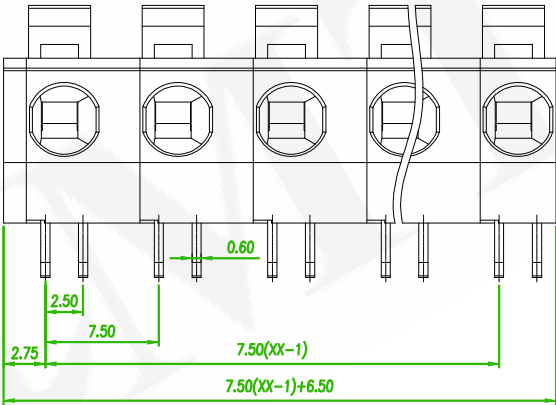
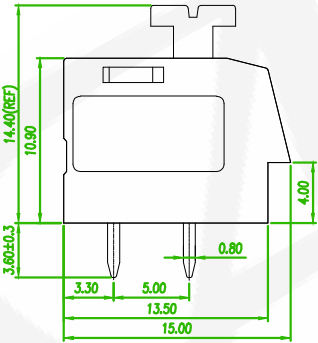
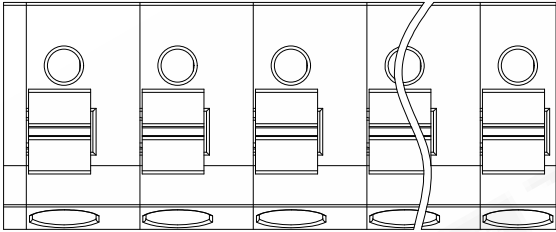
750  
PITCH: 7.50mm

SERIES No.

POLES  
(02-18P)

G: GRAY

A: TRAY  
B: BAG



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 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            |

|                                     |                        |              |
|-------------------------------------|------------------------|--------------|
| ECN NO.: 240348 Revise the drawing  | Gaby                   | 2024/11/20   |
| ECN NO.: 230714 Revise the PART NO  | Randy                  | 2023/09/23   |
| ECN NO.: 201126 Revise the PART NO. | Alice                  | 2020/12/15   |
| REV.                                | ECN NO. OR DESCRIPTION | REVISED DATE |

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|                      |                                                  |             |      |                           |                     |                    |
|----------------------|--------------------------------------------------|-------------|------|---------------------------|---------------------|--------------------|
| 品名<br>TITLE          | TERMINAL BLOCK PCB SPRING 7.50mm DIP<br>R/A TYPE |             |      |                           | 頁數<br>Page          | 1/1                |
| 品號<br>PART NO.       | 5TR750R-237NXXXLX-01                             |             |      |                           | 繪圖<br>DRAWN         | ERIC<br>2018/12/26 |
| 圖號<br>DRAWING NO.    | GN011-EA385                                      | 版本<br>REV.  | E    | 核對<br>CHECKED             | JOSH<br>2018/12/26  |                    |
| 客戶品號<br>CUSTOMER P/N |                                                  | 比例<br>SCALE | None | 承認<br>APPROVED            | JASON<br>2018/12/26 |                    |
| 公差<br>TOLERANCE      |                                                  | 單位<br>UNIT  | mm   | 第三<br>ANGLE<br>PROJECTION |                     |                    |