

MATERIAL

HOUSING: NYLON 66, UL94V-0  
CONTACTOR:COPPER ALLOY,TIN PLATED

SPECIFICATION

OPERATING TEMPERATURE: -40°C~105°C  
STRIPPING LENGTH:5-6mm

TECHNICAL DATA

UL/CUL UL1059

|                      |              |   |   |
|----------------------|--------------|---|---|
| USE GROUP            | B            | C | D |
| RATED VOLTAGE (V)    | 150          | - | - |
| RATED CURRENT (A)    | 4            | - | - |
| WIRE RANGE           | 28-20        |   |   |
| SOLID/STRANDED (AWG) |              |   |   |
| WITHSTANDING VOLTAGE | 1300V (1MIN) |   |   |

IEC

IEC60947-7-4

|                                              |         |     |     |
|----------------------------------------------|---------|-----|-----|
| OVERVOLTAGE CATEGORY                         | III     | III | II  |
| CONTAMINATION CLASS                          | 3       | 2   | 2   |
| RATED VOLTAGE (V)                            | 63      | 160 | 320 |
| RATED CURRENT (A)                            | 6       | 6   | 6   |
| IMPULSE WITHSTANDING VOLTAGE (KV)            | 2.5     | 2.5 | 2.5 |
| CONDUCTOR CROSS SECTION SOLID/FLEXIBLE (mm²) | 0.2-0.5 |     |     |

ORDER INFORMATION

5 T R 2 5 4 S - 2 5 1 N X X X L X - 0 1

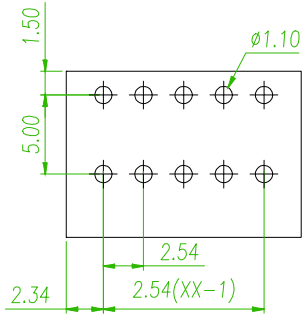
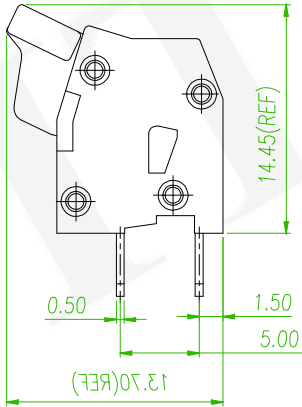
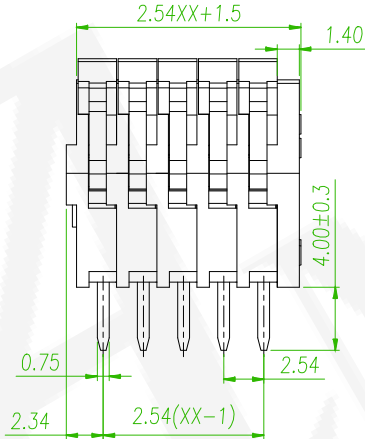
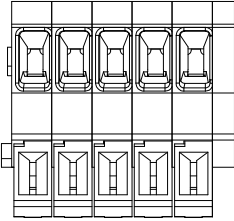
254:  
PITCH2.54mm

SERIES NO.

NO OF POLES  
(01~30)

O:ORANGE

A:TRAY



AMTEK 耀德

2024.11.05

Released DCC

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 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            |

|      |                                  |         |            |
|------|----------------------------------|---------|------------|
| REV. | ECN NO.240824 Revise the drawing | Benson  | 2024/10/01 |
|      | EasyFlow No.:202401240001        | Randy   | 2024/03/08 |
|      | ECN NO. OR DESCRIPTION           | REVISED | DATE       |

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|                      |                                                  |             |     |                           |                    |                     |
|----------------------|--------------------------------------------------|-------------|-----|---------------------------|--------------------|---------------------|
| 品名<br>TITLE          | TERMINAL BLOCK PCB SPRING 2.54mm<br>DIP V/T TYPE |             |     |                           | 頁數<br>Page         | 1/1                 |
| 品號<br>PART NO.       | 5TR254S-251NXXXLX-01                             |             |     |                           | 繪圖<br>DRAWN        | Randy<br>2024/03/08 |
| 圖號<br>DRAWING NO.    | GN011-RD358                                      | 版本<br>REV.  | B   | 核對<br>CHECKED             | Josh<br>2024/03/08 |                     |
| 客戶品號<br>CUSTOMER P/N |                                                  | 比例<br>SCALE | 1:1 | 承認<br>APPROVED            | Josh<br>2024/03/08 |                     |
| 公差<br>TOLERANCE      |                                                  | 單位<br>UNIT  | mm  | THIRD ANGLE<br>PROJECTION |                    |                     |