

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

ORDER INFORMATION

5 T R 3 5 0 M - 1 2 S N X X X U X - 0 1

350  
PITCH:3.50mm

SERIES No.

POLES  
(02-24P)

B:BLACK

A:TRAY

H:T/R,W/O  
CAP

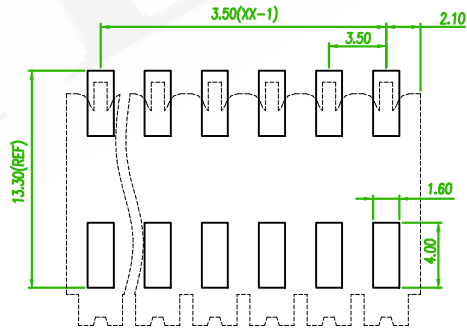
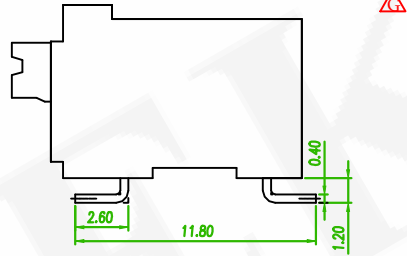
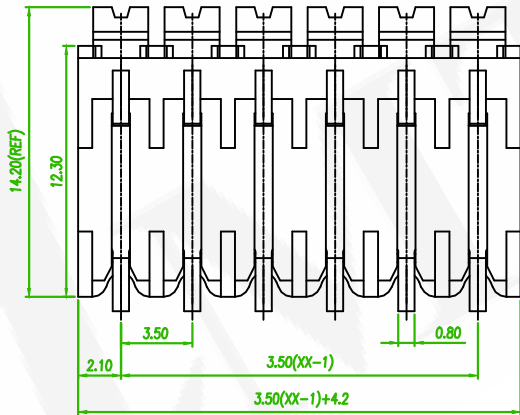
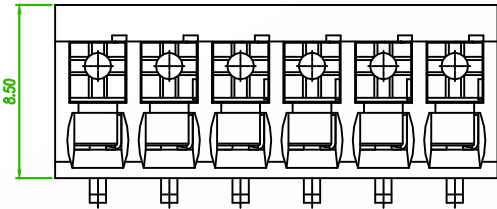
MECHANICAL  
OPERATING TEMPERATURE:-40°C~+130°C  
STRIPPING LENGTH:7~8mm

TECHNICAL DATA

UL/CUL

|                                    |              |   |     |
|------------------------------------|--------------|---|-----|
| SAFETY APPROVAL                    |              |   |     |
| USE GROUP                          | B            | C | D   |
| RATED VOLTAGE (V)                  | 300          | - | 300 |
| RATED CURRENT (A)                  | 10           | - | 10  |
| WIRE RANGE<br>SOLID/STRANDED (AWG) | 24-16        |   |     |
| WITHSTANDING VOLTAGE               | 1600V (1MIN) |   |     |

|                                                    |              |      |      |
|----------------------------------------------------|--------------|------|------|
| IEC                                                | IEC60947-7-4 |      |      |
| OVERVOLTAGE CATEGORY                               | III          | III  | II   |
| CONTAMINATION CLASS                                | 3            | 2    | 2    |
| RATED VOLTAGE (V)                                  | 160          | 160  | 320  |
| RATED CURRENT (A)                                  | 17.5         | 17.5 | 17.5 |
| IMPULSE WITHSTANDING<br>VOLTAGE (KV)               | 2.5          | 2.5  | 2.5  |
| CONDUCTOR CROSS<br>SECTION<br>SOLID/FLEXIBLE (mm²) | 0.2-1.5      |      |      |



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 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            |

|      |                                            |         |            |
|------|--------------------------------------------|---------|------------|
|      | BPM 20250218011 Revise the drawing         | Gaby    | 2025/02/19 |
|      | ECN NO:231017 Revise the Packaging options | Gaby    | 2023/10/27 |
|      | ECN NO:230714 Revise the PART NO.          | Gaby    | 2023/09/23 |
| REV. | ECN NO. OR DESCRIPTION                     | REVISED | DATE       |

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|                      |                                                  |             |      |                           |                    |                    |
|----------------------|--------------------------------------------------|-------------|------|---------------------------|--------------------|--------------------|
| 品名<br>TITLE          | TERMINAL BLOCK PCB SPRING<br>3.50mm SMT R/A TYPE |             |      |                           | 頁數<br>Page         | 1/1                |
| 品號<br>PART NO.       | 5TR350M-12SNXXXUX-01                             |             |      |                           | 繪圖<br>DRAWN        | Eric<br>2018/12/27 |
| 圖號<br>DRAWING NO.    | GN011-EA406                                      | 版本<br>REV.  | G    | 核對<br>CHECKED             | JOSH<br>2018/12/27 |                    |
| 客戶品號<br>CUSTOMER P/N |                                                  | 比例<br>SCALE | None | 承認<br>APPROVED            | JOSH<br>2018/12/27 |                    |
| 公差<br>TOLERANCE      |                                                  | 單位<br>UNIT  | mm   | 第三<br>ANGLE<br>PROJECTION |                    |                    |