

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

**MECHANICAL**  
OPERATING TEMPERATURE: -40°C~+130°C  
SOLDERING TEMPERATURE: 260°C/10S

**TECHNICAL DATA** 

UL/CUL

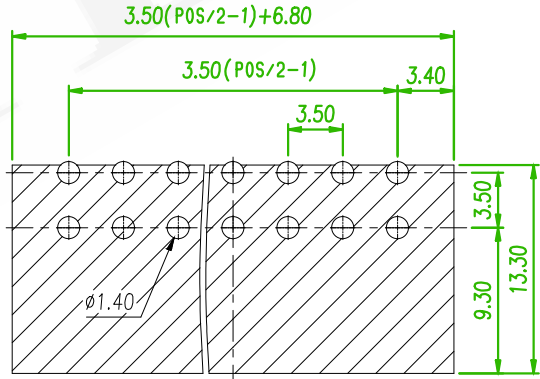
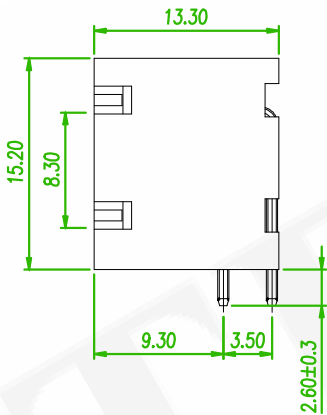
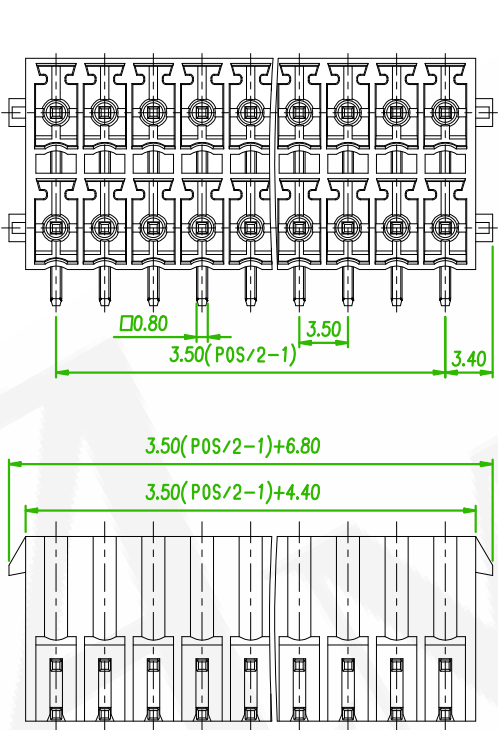
|                                    |                                                                                   |   |   |
|------------------------------------|-----------------------------------------------------------------------------------|---|---|
| SAFETY APPROVAL                    |  |   |   |
| USE GROUP                          | B                                                                                 | C | D |
| RATED VOLTAGE (V)                  | 300                                                                               | - | - |
| RATED CURRENT (A)                  | 8                                                                                 | - | - |
| 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)                                            | 160 | 160 | 250 |
| RATED CURRENT (A)                                            | 8   | 8   | 8   |
| IMPULSE WITHSTANDING<br>VOLTAGE (KV)                         | 2.5 | 2.5 | 2.5 |
| CONDUCTOR CROSS SECTION<br>SOLID/FLEXIBLE (mm <sup>2</sup> ) | -   |     |     |

**ORDER INFORMATION**

|                      |   |   |   |   |   |   |            |   |                              |   |   |          |   |         |   |   |   |   |   |
|----------------------|---|---|---|---|---|---|------------|---|------------------------------|---|---|----------|---|---------|---|---|---|---|---|
| 5                    | T | P | 3 | 5 | 0 | R | -          | 5 | H                            | B | N | X        | X | X       | U | X | - | 0 | 1 |
| 350<br>PITCH: 3.50mm |   |   |   |   |   |   | SERIES No. |   | NO OF POLES TOTAL<br>(04~48) |   |   | B: BLACK |   | A: TRAY |   |   |   |   |   |



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 300 | to 10   | over 10 to 100 | over 100 to 300 |
| 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    | 2024/09/12     |                 |
| ECN NO:200718 Revise the Dimension                    |                        |              |               |               |                |                 |                 | Alice   | 2020/09/08     |                 |
| REV.                                                  | ECN NO. OR DESCRIPTION |              |               |               |                |                 |                 | REVISED | DATE           |                 |



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|                      |                                                 |             |      |                           |                                                                                       |     |
|----------------------|-------------------------------------------------|-------------|------|---------------------------|---------------------------------------------------------------------------------------|-----|
| 品名<br>TITLE          | TERMINAL BLOCK PLUGGABLE 3.50mm<br>DIP R/A TYPE |             |      |                           | 頁數<br>Page                                                                            | 1/1 |
| 品號<br>PART NO.       | 5TP350R-5HBNXXXUX-01                            |             |      | 繪圖<br>DRAWN               | Roy<br>2018/07/04                                                                     |     |
| 圖號<br>DRAWING NO.    | GN011-RR615                                     | 版本<br>REV.  | C    | 核對<br>CHECKED             | Josh<br>2018/07/04                                                                    |     |
| 客戶品號<br>CUSTOMER P/N |                                                 | 比例<br>SCALE | None | 承認<br>APPROVED            | Jason<br>2018/07/04                                                                   |     |
| 公差<br>TOLERANCE      |                                                 | 單位<br>UNIT  | mm   | THIRD ANGLE<br>PROJECTION |  |     |