

TEMP. RANGE: -40°C ~ +105°C  
SOLDERING TEMPERATURE: 260°C/5S

## MATERIAL

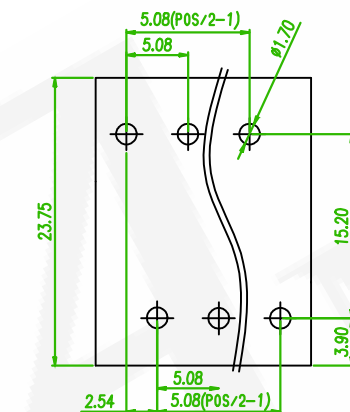
HOUSING: PA66, UL94V-0  
PIN: COPPER ALLOY,TIN PLATED  
COVER: PA66, UL94V-0

## 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                                                       | IEC61984 |     |     |
|-----------------------------------------------------------|----------|-----|-----|
| OVERVOLTAGE CATEGORY                                      | III      | III | II  |
| CONTAMINATION CLASS                                       | 3        | 2   | 2   |
| RATED VOLTAGE (V)                                         | 250      | 320 | 400 |
| RATED CURRENT (A)                                         | 10       | 10  | 10  |
| IMPULSE WITHSTANDING VOLTAGE (KV)                         | 4.0      | 4.0 | 4.0 |
| CONDUCTOR CROSS SECTION SOLID/FLEXIBLE (mm <sup>2</sup> ) | -        |     |     |



RECOMMENDED PCB LAYOUT  
(PCB TOLERANCE  $\pm 0.05$ )

## ORDER INFORMATION

5 T P 5 0 8 S - 2 V T N X X X L X - 0 1

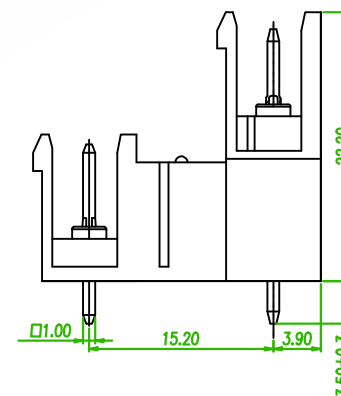
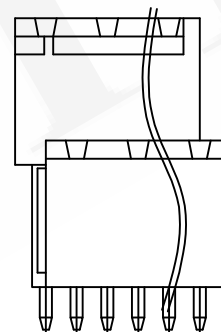
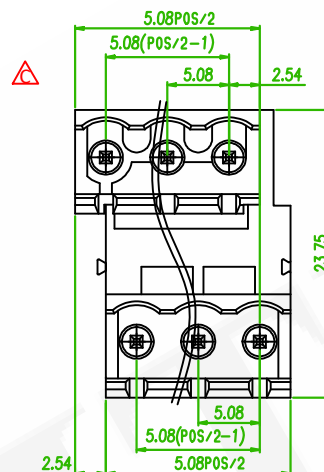
508:  
PITCH 5.08mm

SERIES NO.

|                              |  |
|------------------------------|--|
| NO OF POLES TOTAL<br>(04~48) |  |
|------------------------------|--|

|          |
|----------|
| B:BLACK  |
| O:ORANGE |
| E:GREEN  |
| U:BLUE   |
| G:GRAY   |

|                            |
|----------------------------|
| B:BAG<br>(FOR 2X02P,2X03P) |
| A:TRAY                     |



| 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 | to 10 | over 10 to 100                                                                      | over 100 to                                                                         |
| 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    | 2024/05/15 |
|------|------------------------------------|---------|------------|
| x1   | ECN NO:200718 Revise the Tolerance | Alice   | 2020/09/24 |
| REV. | ECN NO. OR DESCRIPTION             | REVISED | DATE       |



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|                      |                                                 |             |      |                           |                                                                                       |     |
|----------------------|-------------------------------------------------|-------------|------|---------------------------|---------------------------------------------------------------------------------------|-----|
| 品名<br>TITLE          | TERMINAL BLOCK PLUGGABLE 5.08mm DIP<br>V/T TYPE |             |      |                           | 頁數<br>Page                                                                            | 1/1 |
| 品號<br>PART NO.       | 5TP508S-2VTNXXXLX-01                            |             |      | 繪圖<br>DRAWN               | ROY<br>2016/06/22                                                                     |     |
| 圖號<br>DRAWING NO.    | GN011-AL332                                     | 版本<br>REV.  | D    | 核對<br>CHECKED             | SABRINA<br>2016/06/22                                                                 |     |
| 客戶品號<br>CUSTOMER P/N |                                                 | 比例<br>SCALE | None | 承認<br>APPROVED            | JOHN<br>2016/06/22                                                                    |     |
| 公差<br>TOLERANCE      |                                                 | 單位<br>UNIT  | mm   | THIRD ANGLE<br>PROJECTION |  |     |