

## ELECTRICAL

Standard: UL IEC  
Rated Voltage: 300V 320V  
Rated Current: 10A 15A  
Wire Range: 24-14AWG 0.2~1.5mm<sup>2</sup>  
Withstanding Voltage: AC 1600V for one minute

## ORDER INFORMATION

5 T R 5 0 8 S - 1 4 2 N X X X L A - W 1

508:  
Pitch 5.08mm

Series No.

No of Pins total  
(01-30P)

|         |                |
|---------|----------------|
| G:Gray  | O:Orange       |
| U:Blue  | R:Red          |
| B:Black | T:Trans-parent |
| E:Green | N:Brown        |
|         | W:White        |

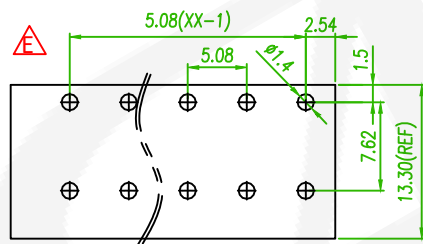
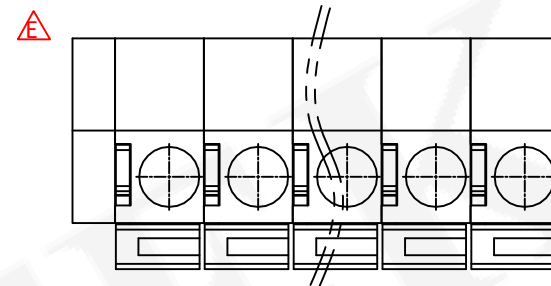


## MACHANICAL

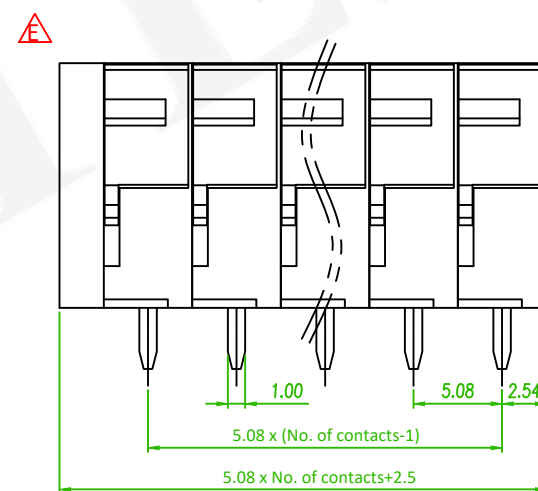
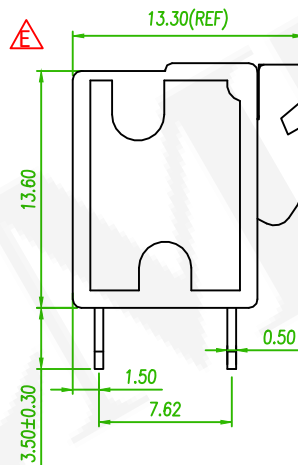
Strip Length: 10mm  
Temp. Range: -40°C ~ +105°C

## MATERIAL

Housing: PA66, UL94V-0  
Pin Header: Copper Alloy, Tin Plated



Recommended PCB Layout  
(PCB TOLERANCE  $\pm 0.05$ )

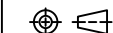


Old P/N: TB142V-5.08-XXP-1X-00A-L

| 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 10 | to 10 | to 100 | to 100 |
| tolerance                                             | ±0.20 | ±0.30        | ±0.50         | ±0.70         | ±1.00          | ±1.30           | ±1.60          | 0.10  | 0.30   | 0.60   |

|      |                                    |         |            |
|------|------------------------------------|---------|------------|
| △x5  | ECN NO:220920 Revise the drawing.  | Tim     | 2022/10/03 |
| △x2  | ECN NO:201126 Revise the PART NO.  | Alice   | 2020/12/15 |
| △x1  | ECN NO:200718 Revise the Tolerance | Alice   | 2020/10/13 |
| REV. | ECN NO. OR DESCRIPTION             | REVISED | DATE       |

  
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| 品名<br>TITLE          | Terminal Block         |             |      |                           | 頁數<br>Page                                                                            | 1/1               |
|----------------------|------------------------|-------------|------|---------------------------|---------------------------------------------------------------------------------------|-------------------|
| 品號<br>PART NO.       | △ 5TR508S-142NXXXLA-W1 |             |      |                           | 繪圖<br>DRAWN                                                                           | Mia<br>2016/09/07 |
| 圖號<br>DRAWING NO.    | GN011-DW143            | 版本<br>REV.  | E    | 核對<br>CHECKED             | Jonny<br>2016/09/07                                                                   |                   |
| 客戶品號<br>CUSTOMER P/N |                        | 比例<br>SCALE | None | 承認<br>APPROVED            | Aaron<br>2016/09/07                                                                   |                   |
| 公差<br>TOLERANCE      |                        | 單位<br>UNIT  | mm   | THIRD ANGLE<br>PROJECTION |  |                   |