

**ELECTRICAL** 

Standard: UL  
Rated Voltage: 300V  
Rated Current: 15A  
Contact Resistance: 20mΩ  
Withstanding Voltage: AC 2000V for one min  
Insulation Resistance: 500MΩ  
Wire range: 22-14AWG 1.5mm<sup>2</sup>

**MECHANICAL**

Temp. Range: -40°C ~ +105°C  
Torque: 0.5Nm

**MATERIAL**

Housing: PA66, UL94V-0  
Screws: M3.0 Steel Ni plated  
Pin header: Copper alloy, Tin plated  
Cover: PC, UL94V-2

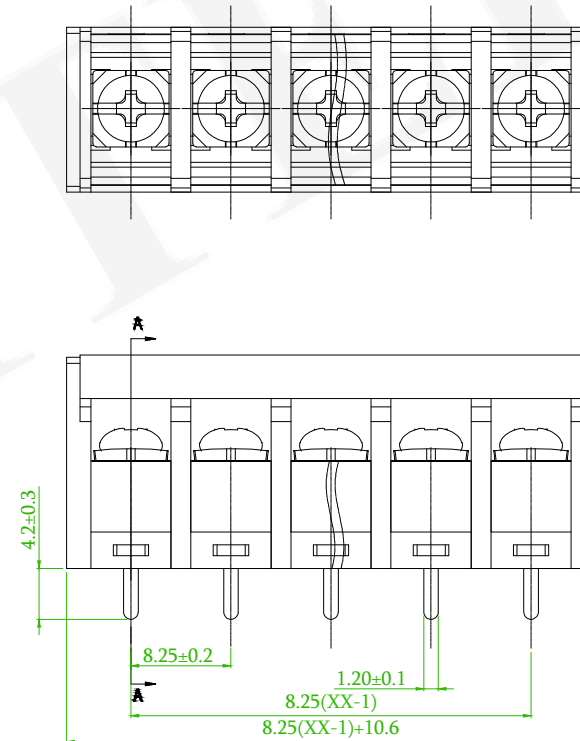
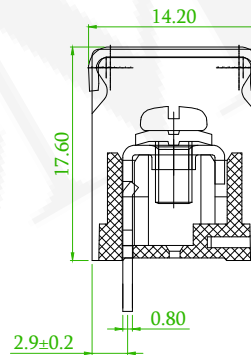
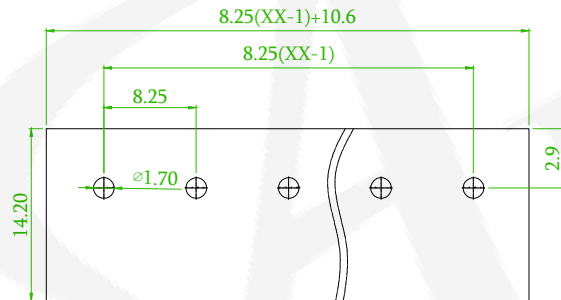
**ORDER INFORMATION**

5 T B 8 2 5 S - 3 8 S N X X B L X - W 1

Series No.

Poles  
(02-22P)

B:Black

A:Tray  
B:Bag

linear dimension(Tolerances Standard GB/T 14486-2008)



| 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 | 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                                                                                |

|                                                                        |         |            |
|------------------------------------------------------------------------|---------|------------|
| ECN NO:200718 Revise the Tolerance & ECN NO:201211 Revise the PART NO. | Alice   | 2020/12/22 |
| ECN 200102: Remove the IEC                                             | David   | 2020/06/11 |
| REV. ECN NO. OR DESCRIPTION                                            | REVISED | DATE       |



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| 品名<br>TITLE          | 8.25mm Terminal Block |  |             |      | 頁數<br>Page                   | 1/1                 |
|----------------------|-----------------------|--|-------------|------|------------------------------|---------------------|
| 品號<br>PART NO.       | 5TB825S-38SNXXBLX-W1  |  |             |      | 繪圖<br>DRAWN                  | Eric<br>2019/01/10  |
| 圖號<br>DRAWING NO.    | GN011-EA542           |  | 版本<br>REV.  | C    | 核對<br>CHECKED                | Josh<br>2019/01/10  |
| 客戶品號<br>CUSTOMER P/N |                       |  | 比例<br>SCALE | None | 承認<br>APPROVED               | Jason<br>2019/01/10 |
| 公差<br>TOLERANCE      |                       |  | 單位<br>UNIT  | mm   | THIRD<br>ANGLE<br>PROJECTION |                     |