

**Electrical**

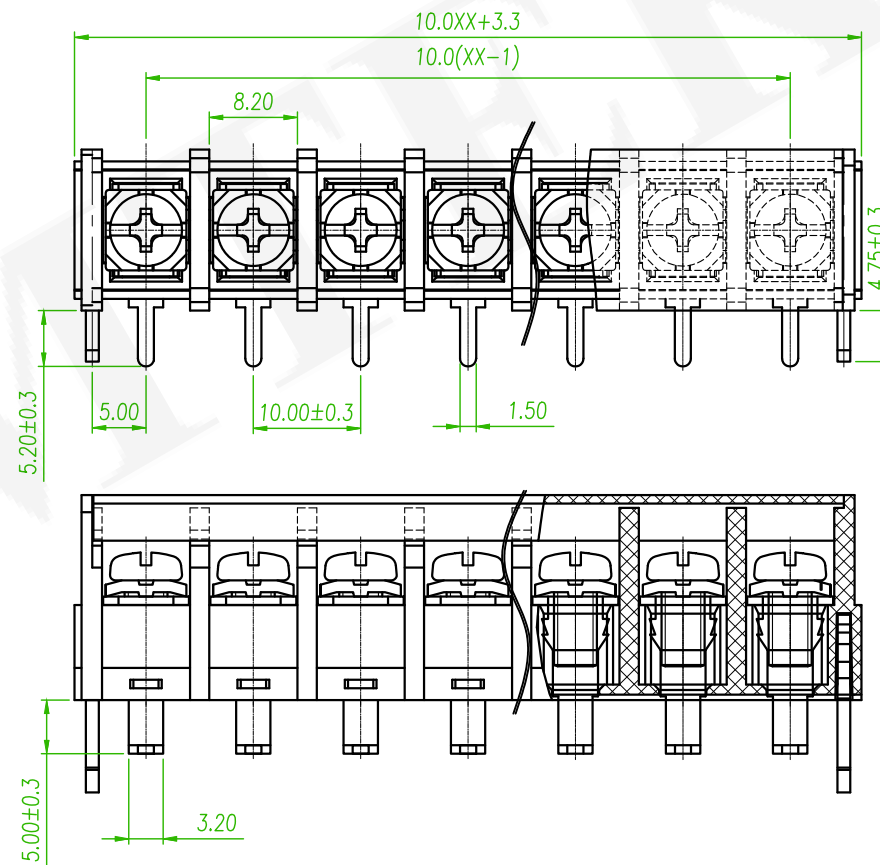
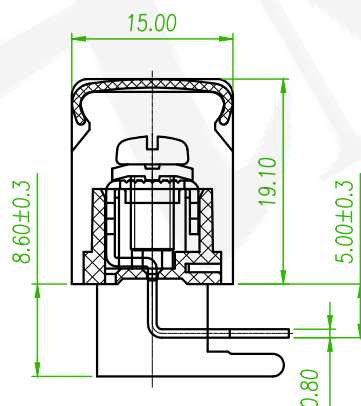
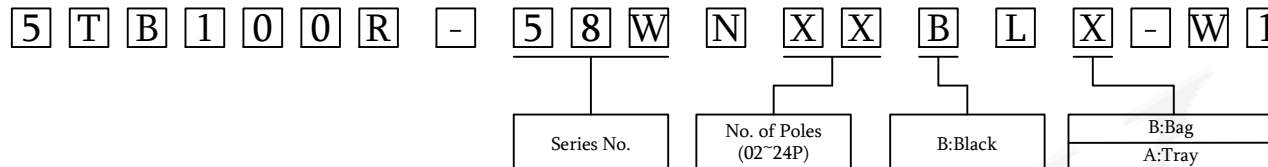
Standard: UL  
 Rated Voltage: 300V  
 Rated Current: 20A  
 Contact Resistance: 20mΩ  
 Insulation Resistance: 500MΩ / DC 500V  
 Wire Range: 22-12AWG 2.5mm<sup>2</sup>  
 Dielectric Voltage: AC 2000V for one minute

**Mechanical**

Temp. Range: -40°C ~ +105°C  
 Torque: 1.2Nm

**Material**

Housing: Nylon 66, UL94V-0  
 Screws: M4.0, Steel, Ni Plated  
 Pin Header: Copper Alloy, Tin Plated

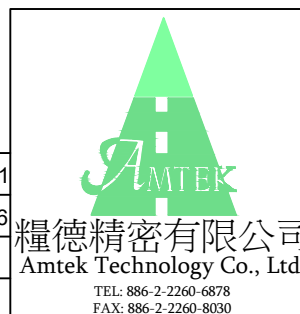
**ORDER INFORMATION**

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        |

|      |                                    |         |            |
|------|------------------------------------|---------|------------|
| △x2  | ECN NO:201211 Revise the PART NO.  | Alice   | 2020/12/31 |
| △x1  | ECN NO:200718 Revise the Tolerance | Alice   | 2020/11/06 |
| △x1  | ECN 200102: Remove the IEC         | David   | 2020/03/21 |
| REV. | ECN NO. OR DESCRIPTION             | REVISED | DATE       |



| 品名<br>TITLE          | 10.0mm Terminal Block |             |      |                              | 頁數<br>Page          | 1/1               |
|----------------------|-----------------------|-------------|------|------------------------------|---------------------|-------------------|
| 品號<br>PART NO.       | △5TB100R-58WNXXBLX-W1 |             |      |                              | 繪圖<br>DRAWN         | Roy<br>2019/01/02 |
| 圖號<br>DRAWING NO.    | GN011-R1093           | 版本<br>REV.  | D    | 核對<br>CHECKED                | Josh<br>2019/01/02  |                   |
| 客戶品號<br>CUSTOMER P/N |                       | 比例<br>SCALE | None | 承認<br>APPROVED               | Jason<br>2019/01/02 |                   |
| 公差<br>TOLERANCE      |                       | 單位<br>UNIT  | mm   | THIRD<br>ANGLE<br>PROJECTION |                     |                   |