

### 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

Temp. Range: -40°C ~ +105°C

### Mechanical

Torque(Max.): 1.2Nm(10.6Lb.in)

### Material

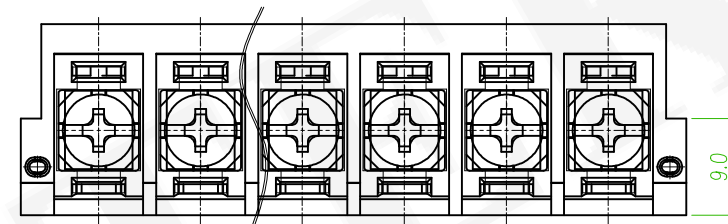
Housing: Nylon 66, UL94V-0

Screws: M4.0, Steel, Ni Plated

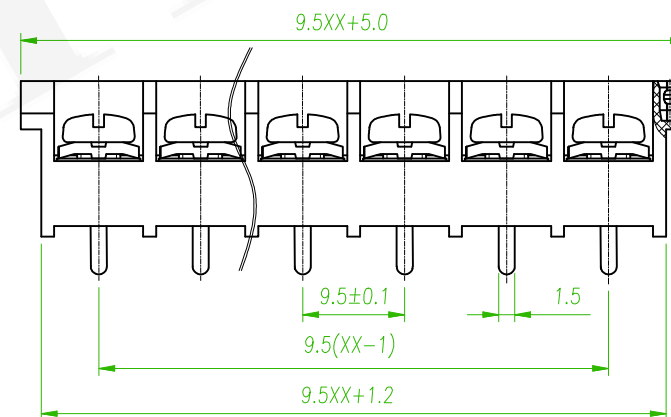
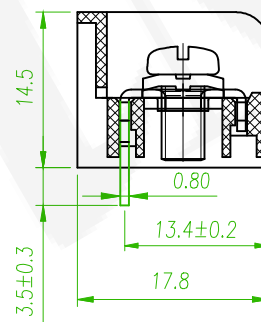
Pin Header: Copper Alloy, Sn Plated

## ORDER INFORMATION

|            |   |   |   |   |   |   |   |                          |   |   |   |         |   |   |                 |   |   |   |   |
|------------|---|---|---|---|---|---|---|--------------------------|---|---|---|---------|---|---|-----------------|---|---|---|---|
| 5          | T | B | 9 | 5 | 0 | S | - | 4                        | S | G | N | X       | X | B | L               | X | - | W | 1 |
| Series No. |   |   |   |   |   |   |   | No. of Poles<br>(02~20P) |   |   |   | B:Black |   |   | B:Bag<br>A:Tray |   |   |   |   |



AMTEK 糧德  
2020.12.25  
Released DCC



| 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 200 | to 10 | over 10 to 100 | over 100 to 200 |         |      |
| tolerance                                             | ±0.20                  | ±0.30        | ±0.50         | ±0.70         | ±1.00          | ±1.30           | ±1.60           | 0.10  | 0.30           | 0.60            |         |      |
| REV.                                                  | ECN NO. OR DESCRIPTION |              |               |               |                |                 |                 |       |                |                 | REVISED | DATE |

3 ECN NO:200718 Revise the Tolerance & ECN NO:201211 Revise the PART NO.

1 ECN 200102: Remove the IEC

Alice 2020/12/23

David 2020/06/06

  
糧德精密有限公司  
Amtek Technology Co., Ltd.  
TEL: 886-2-2260-6878  
FAX: 886-2-2260-8030

| 品名<br>TITLE          | 9.5mm Terminal Block                                                                                       |             |      |                              | 頁數<br>Page                                                                            | 1/1               |
|----------------------|------------------------------------------------------------------------------------------------------------|-------------|------|------------------------------|---------------------------------------------------------------------------------------|-------------------|
| 品號<br>PART NO.       |  5TB950S-4SGNXXBLX-W1 |             |      |                              | 繪圖<br>DRAWN                                                                           | Roy<br>2019/01/03 |
| 圖號<br>DRAWING NO.    | GN011-R1112                                                                                                | 版本<br>REV.  | C    | 核對<br>CHECKED                | Josh<br>2019/01/03                                                                    |                   |
| 客戶品號<br>CUSTOMER P/N |                                                                                                            | 比例<br>SCALE | None | 承認<br>APPROVED               | Jason<br>2019/01/03                                                                   |                   |
| 公差<br>TOLERANCE      |                                                                                                            | 單位<br>UNIT  | mm   | THIRD<br>ANGLE<br>PROJECTION |  |                   |