

## Electrical

Standard: UL IEC  
Rated Voltage: 300V 250V  
Rated Current: 10A 13.5A  
Contact Resistance: 20mΩ  
Insulation Resistance: 500MΩ / DC 500V  
Wire Range: 28~16AWG 1.0mm<sup>2</sup>  
Withstanding Voltage: AC 2000V for one min

## Mechanical

Temp. Range: -40°C ~ +105°C  
Soldering Max: +250°C 5s  
Torque(Max): 0.2Nm (1.7Lb.in)  
Strip Length: 4-5mm

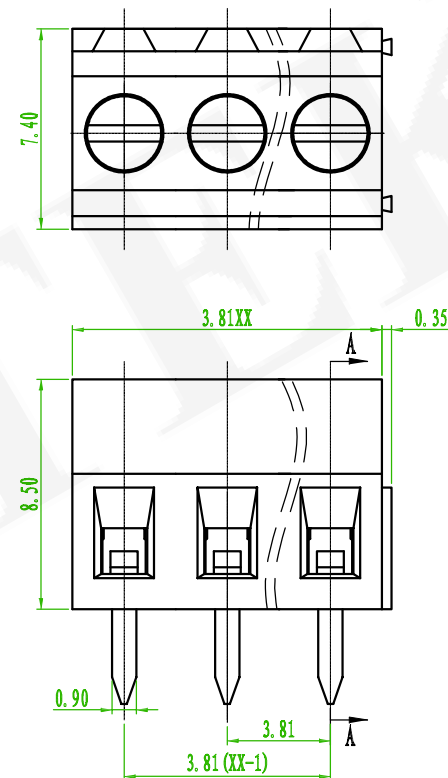
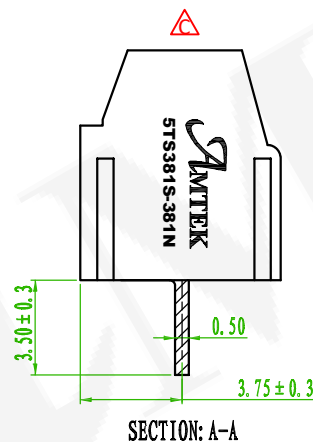
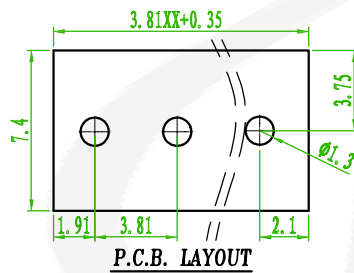
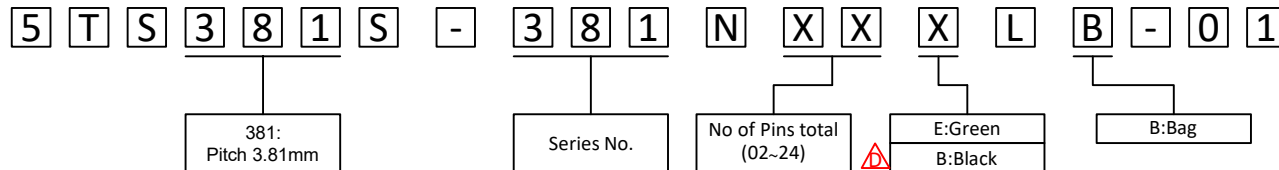
## Dimensions

Pitch: 3.81mm  
Poles: 2-24P

## Material

Housing: PA66, UL94V-0  
Screws: M2.0 Steel, Zn Plated  
Pin Header: Brass, Tin plated

## ORDER INFORMATION



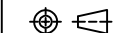
linear dimension (Tolerances Standard GB/T 14486-2008)



| 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 250 | to 10 | over 10 to 100 | over 100 to 250 |
|----------------|-------|--------------|---------------|---------------|----------------|-----------------|-----------------|-------|----------------|-----------------|
| tolerance      | ±0.20 | ±0.30        | ±0.50         | ±0.70         | ±1.00          | ±1.30           | ±1.60           | 0.10  | 0.30           | 0.60            |

|      |                                     |         |            |
|------|-------------------------------------|---------|------------|
| △x2  | Add the Color options               | Benson  | 2022/06/06 |
| △x1  | ECN NO: 210508 Add the LOGO         | Benson  | 2021/05/20 |
| △x1  | ECN NO: 200718 Revise the Tolerance | Alice   | 2020/12/07 |
| 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.       | 5TS381S-381NXXXLB-01 △ |             |      |                           | 繪圖<br>DRAWN                                                                           | Roy<br>2016/02/18 |
| 圖號<br>DRAWING NO.    | GN011-AL622            | 版本<br>REV.  | D    | 核對<br>CHECKED             | Tammy<br>2016/02/18                                                                   |                   |
| 客戶品號<br>CUSTOMER P/N |                        | 比例<br>SCALE | None | 承認<br>APPROVED            | John<br>2016/02/18                                                                    |                   |
| 公差<br>TOLERANCE      |                        | 單位<br>UNIT  | mm   | THIRD ANGLE<br>PROJECTION |  |                   |