

**ELECTRICAL** B  
STANDARD: UL  
RATED VOLTAGE: 300V  
RATED CURRENT: 20A  
CONTACT RESISTANCE:20mΩ  
INSULATION RESISTANCE: 500MΩ / DC 500V  
WIRE RANGE: 22-12AWG  
DIELECTRIC VOLTAGE: AC 1600V FOR ONE MINUTE

**ORDER INFORMATION**

5

T

B

9

5

0

R

-

4

8

W

N

X

X

X

L

X

-

W

1

950

PITCH:9.50mm

SERIES No.

NO. OF POLES

(02~22P)

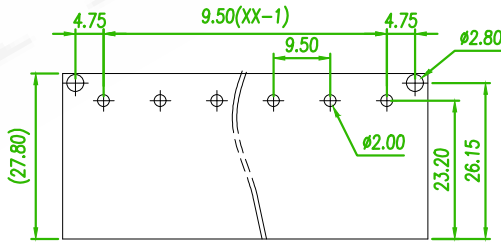
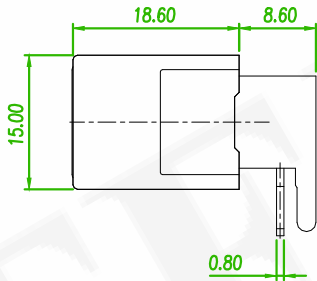
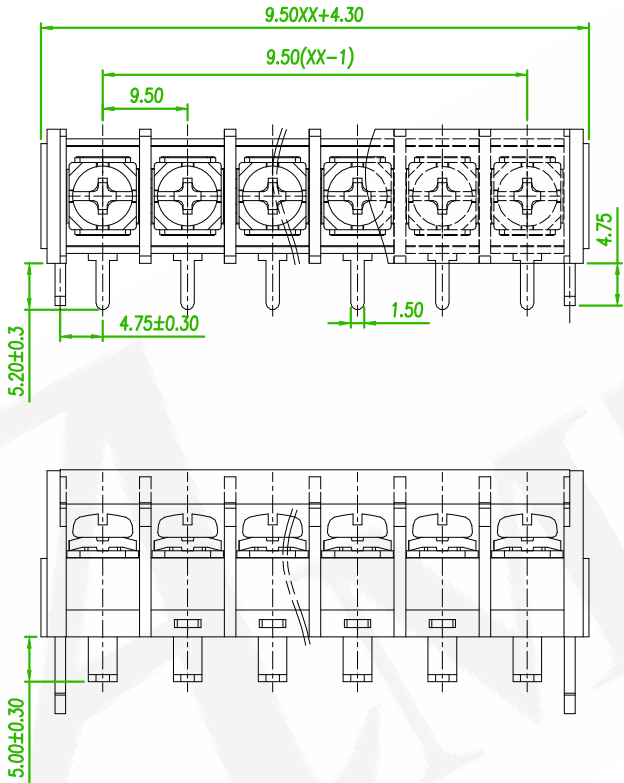
B:BLACK

B:BAG

A:TRAY

**MECHANICAL**  
TEMP. RANGE: -40°C ~ +105°C  
TORQUE:1.2Nm  
MAX SOLDERING: +260°C, FOR 5 SEC

**MATERIAL**  
HOUSING: NYLON66, UL94V-0  
SCREWS: STEEL, M4 STEEL Ni PLATED  
PIN HEADER: COPPER ALLOY, Sn PLATED  
COVER: PC, UL94V-2  
PIN FIXED: COPPER ALLOY, Sn PLATED



RECOMMENDED PCB LAOUT  
(PCB TOLERANCE ±0.05)



| 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        |

|                                                                 |                                                                        |         |            |
|-----------------------------------------------------------------|------------------------------------------------------------------------|---------|------------|
| <span style="border: 1px solid black; padding: 2px;">D</span>   | ECN NO:240348 Revise the drawing                                       | Gaby    | 2024/12/10 |
| <span style="border: 1px solid black; padding: 2px;">Cx3</span> | ECN NO:200718 Revise the Tolerance & ECN NO:201211 Revise the PART NO. | Alice   | 2020/12/23 |
| <span style="border: 1px solid black; padding: 2px;">Bx1</span> | ECN 200102: Remove the IEC                                             | David   | 2020/06/06 |
| REV.                                                            | ECN NO. OR DESCRIPTION                                                 | REVISED | DATE       |

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

| 品名           | Terminal Block       |  |       |      | 頁數                     | 1/1        |
|--------------|----------------------|--|-------|------|------------------------|------------|
| TITLE        |                      |  |       |      | Page                   |            |
| 品號           | 5TB950R-48WNXXXLX-W1 |  |       |      | 繪圖                     | Roy        |
| PART NO.     |                      |  |       |      | DRAWN                  | 2019/01/02 |
| 圖號           | GN001-R1094          |  | 版本    | D    | 核對                     | Jason      |
| DRAWING NO.  |                      |  | REV.  |      | CHECKED                | 2019/01/02 |
| 客戶品號         |                      |  | 比例    | None | 承認                     | Josh       |
| CUSTOMER P/N |                      |  | SCALE |      | APPROVED               | 2019/01/02 |
| 公差           |                      |  | 單位    | mm   | THIRD ANGLE PROJECTION |            |
| TOLERANCE    |                      |  | UNIT  |      |                        |            |