

**Electrical**

Standard: UL

Rated Voltage: 150V

Rated Current:

Long Pin Header: 20A

Short Pin Header: 30A

Contact Resistance: 20mΩ

Insulation Resistance: 500MΩ / DC 500V

Wire Range:

Long Pin Header: 22-12AWG 2.5mm<sup>2</sup>Short Pin Header: 22-10AWG 4.0mm<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, Gold Plated

M5.0, Steel, Gold Plated

Pin Header: Brass, Gold Plated

**ORDER INFORMATION**

5 T B 1 2 5 R -

E M H E

0 3

B L

X - W 1

Series No.

No. of Poles  
(03)

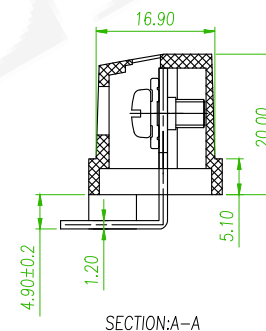
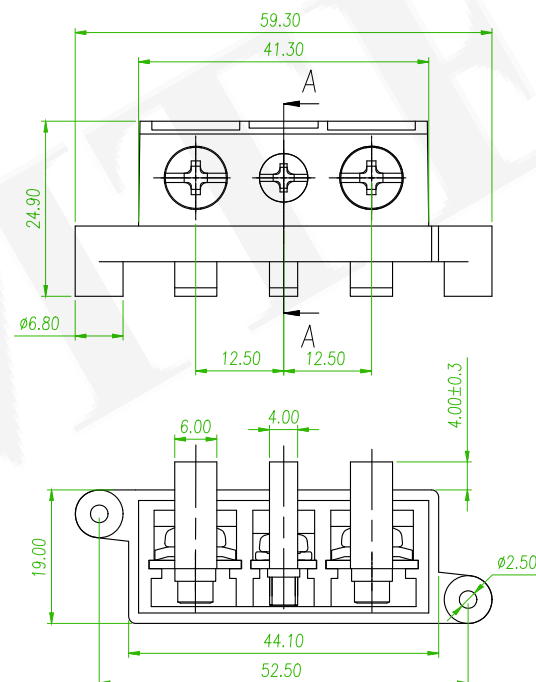
B:Black

B:Bag  
A:Tray

AMTEK 糧德

2021.01.13

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 | 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   | 2021/01/04 |
| △x1  | ECN NO:200718 Revise the Tolerance | Alice   | 2020/11/11 |
| △x1  | ECN 200102: Remove the IEC         | David   | 2020/05/29 |
| REV. | ECN NO. OR DESCRIPTION             | REVISED | DATE       |

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| 品名<br>TITLE          | 12.5mm Terminal Block  |             |      |                              | 頁數<br>Page          | 1/1               |
|----------------------|------------------------|-------------|------|------------------------------|---------------------|-------------------|
| 品號<br>PART NO.       | △ 5TB125R-EMHE03BLX-W1 |             |      |                              | 繪圖<br>DRAWN         | Roy<br>2018/12/27 |
| 圖號<br>DRAWING NO.    | GN011-R1081            | 版本<br>REV.  | D    | 核對<br>CHECKED                | Josh<br>2018/12/27  |                   |
| 客戶品號<br>CUSTOMER P/N |                        | 比例<br>SCALE | None | 承認<br>APPROVED               | Jason<br>2018/12/27 |                   |
| 公差<br>TOLERANCE      |                        | 單位<br>UNIT  | mm   | THIRD<br>ANGLE<br>PROJECTION |                     |                   |