

MATERIAL

HOUSING: PBT, UL94V-0  
SCREWS: M4 STEEL,NI PLATED,TORQUE:1.2N.m

SPECIFICATION

OPERATING TEMPERATURE: -40°C~130°C  
SOLDERING TEMPERATURE: 260°C/5SEC  
CONTACT RESISTANCE: 20mΩ  
INSULATION RESISTANCE: 1000MΩ/DC500V

TECHNICAL DATA

UL/CUL

|                      |              |
|----------------------|--------------|
| RATED VOLTAGE (V)    | 600          |
| RATED CURRENT (A)    | 50           |
| WITHSTANDING VOLTAGE | 2200V (1MIN) |
| WIRE RANGE           | 22-8         |
| SOLID/STRANDED (AWG) |              |

NOTE

SYMBOL "03" MEANS SERIAL AS ORDER INFORMATION SHOW

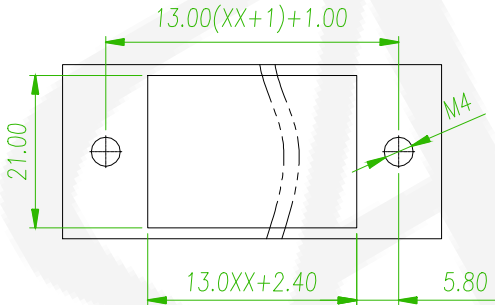
ORDER INFORMATION

|                     |   |   |   |   |   |            |   |   |                  |   |   |         |   |   |       |   |   |   |   |
|---------------------|---|---|---|---|---|------------|---|---|------------------|---|---|---------|---|---|-------|---|---|---|---|
| 5                   | T | B | 1 | 3 | 0 | N          | - | J | 1                | 0 | E | X       | X | X | L     | X | - | 0 | 3 |
| 130:<br>PITCH13.0mm |   |   |   |   |   | SERIES NO. |   |   | POLES<br>(01~15) |   |   | B:BLACK |   |   | B:BAG |   |   |   |   |

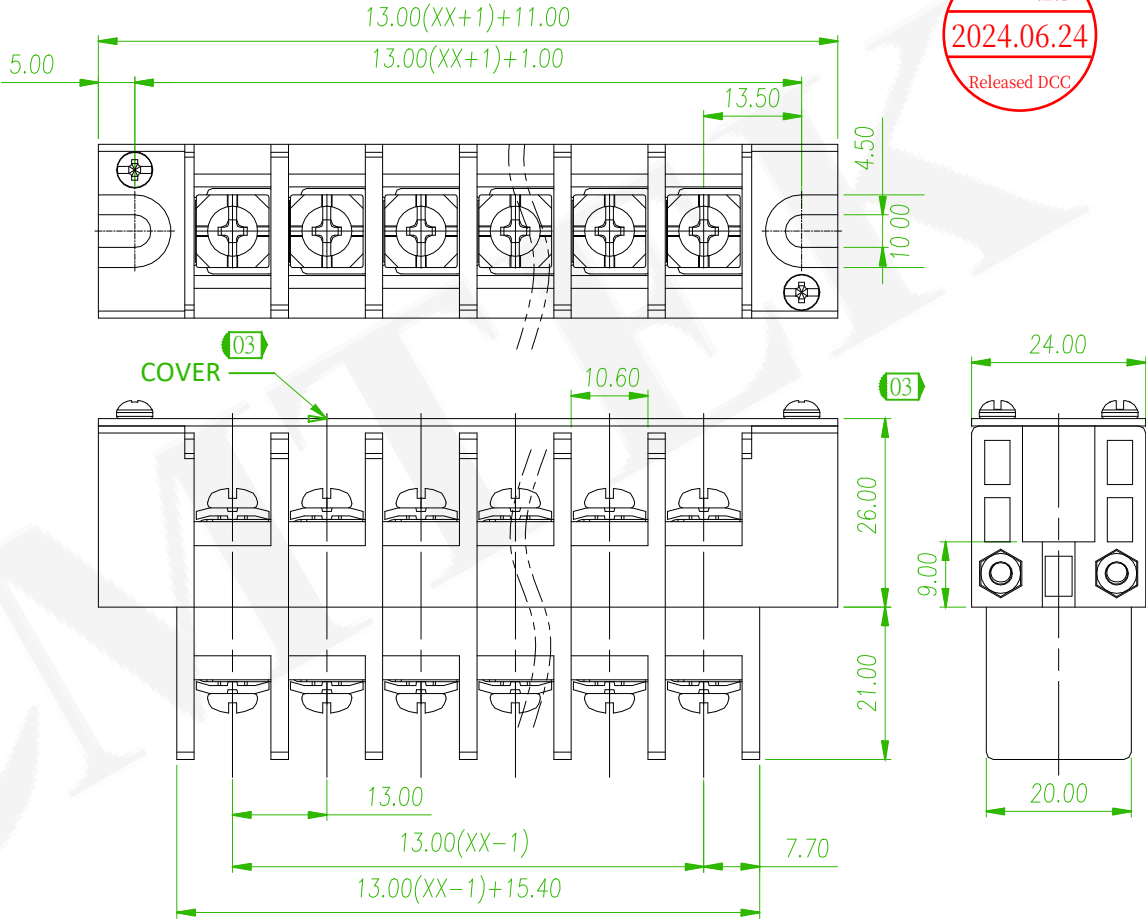
AMTEK 糧德

2024.06.24

Released DCC



RECOMMENDED PCB LAYOUT  
(PCB TOLERANCE ±0.05)



General Tolerances

|                |       |              |               |               |                |                 |             | —     | ∕              | ⊥           |
|----------------|-------|--------------|---------------|---------------|----------------|-----------------|-------------|-------|----------------|-------------|
| 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        |

|      |                           |         |            |
|------|---------------------------|---------|------------|
| REV. | EasyFlow No.:202401240001 | Randy   | 2024/05/21 |
|      | ECN NO. OR DESCRIPTION    | REVISED | DATE       |

|                                                                                                                                                                                 |                      |                               |             |      |                           |                                                                                       |                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------------------|-------------|------|---------------------------|---------------------------------------------------------------------------------------|---------------------|
| <br>糧德精密有限公司<br>Amtek Technology Co., Ltd.<br>TEL: 886-2-2260-6878<br>FAX: 886-2-2260-8030 | 品名<br>TITLE          | TERMINAL BLOCK BARRIER 13.0mm |             |      |                           | 頁數<br>Page                                                                            | 1/1                 |
|                                                                                                                                                                                 | 品號<br>PART NO.       | 5TB130N-J10EXXXLX-03          |             |      |                           | 繪圖<br>DRAWN                                                                           | Randy<br>2024/05/21 |
|                                                                                                                                                                                 | 圖號<br>DRAWING NO.    | GN011-RD506                   | 版本<br>REV.  | A    | 核對<br>CHECKED             | Josh<br>2024/05/21                                                                    |                     |
|                                                                                                                                                                                 | 客戶品號<br>CUSTOMER P/N |                               | 比例<br>SCALE | None | 承認<br>APPROVED            | Josh<br>2024/05/21                                                                    |                     |
|                                                                                                                                                                                 | 公差<br>TOLERANCE      |                               | 單位<br>UNIT  | mm   | THIRD ANGLE<br>PROJECTION |  |                     |