

**Electrical**  
Standard: UL IEC  
Rated Voltage: 300V 450V  
Rated Current: 15A 17.5A  
Contact Resistance:20mΩ  
Insulation Resistance: 500MΩ / DC 500V  
Dielectric Voltage: AC 2000V for one minute  
Temp. Range: -40°C ~ +105°C  
Max Soldering:+250°C for 5 Sec

**Material**  
Housing:PA66, UL94V-0  
Contact: Brass, Tin plated

ORDER INFORMATION

5T P 508R - 2TC N XX X L X - 0 1

Series No.

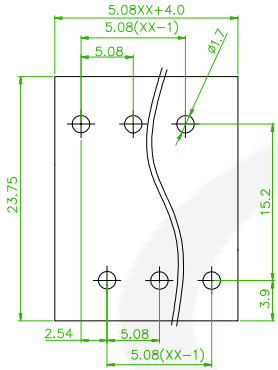
No. of Poles  
(02~24P)

E:Green

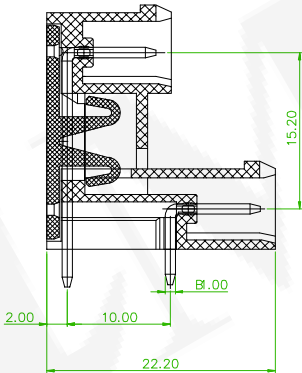
B:Bag  
A:Tray



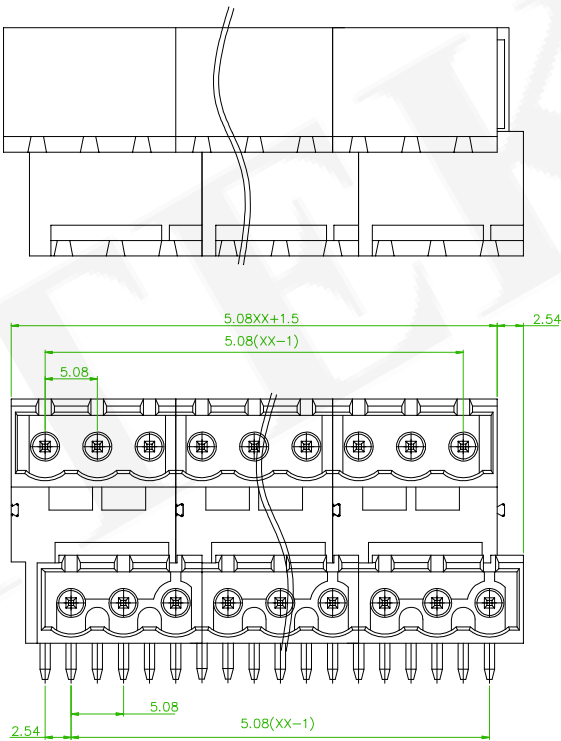
AMTEK 糧德  
2023.11.02  
Released DCC



Recommended PCB Layout  
(PCB TOLERANCE ±0.05)



SECTION A-A



B

| 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        |
| △C                                                    | ECN NO.: 230714 Revise the PART NO                                       |              |               |               |                |                 |             |       | Randy          | 2023/09/23  |
| △Bx3                                                  | ECN NO.:200718 Revise the Tolerance & ECN NO.:201215 Revise the PART NO. |              |               |               |                |                 |             |       | Alice          | 2020/12/23  |
| 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<br>TITLE          | Terminal Block             |  |             |      | 頁數<br>Page                   | 1/1                 |
|----------------------|----------------------------|--|-------------|------|------------------------------|---------------------|
| 品號<br>PART NO.       | △B 5TP508R-2TCNXXXLX-01 △C |  |             |      | 繪圖<br>DRAWN                  | David<br>2020/03/12 |
| 圖號<br>DRAWING NO.    | GN011-DV889                |  | 版本<br>REV.  | C    | 核對<br>CHECKED                | Josh<br>2020/03/12  |
| 客戶品號<br>CUSTOMER P/N |                            |  | 比例<br>SCALE | None | 承認<br>APPROVED               | Josh<br>2020/03/12  |
| 公差<br>TOLERANCE      |                            |  | 單位<br>UNIT  | mm   | THIRD<br>ANGLE<br>PROJECTION |                     |