

### MATERIAL

HOUSING: NYLON 66, UL94V-0  
PIN: COPPER ALLOY, Sn PLATED

### SPECIFICATION

OPERATING TEMPERATURE: -40°C~105°C

### TECHNICAL DATA

UL/CUL

|                      |                                                                                   |   |     |
|----------------------|-----------------------------------------------------------------------------------|---|-----|
| SAFETY APPROVAL      |  |   |     |
| USE GROUP            | B                                                                                 | C | D   |
| RATED VOLTAGE (V)    | 300                                                                               | - | 300 |
| RATED CURRENT (A)    | 10                                                                                | - | 10  |
| WITHSTANDING VOLTAGE | 1600V (1MIN)                                                                      |   |     |

IEC

IEC61984

|                                   |     |     |     |
|-----------------------------------|-----|-----|-----|
| OVERVOLTAGE CATEGORY              | III | III | II  |
| CONTAMINATION CLASS               | 3   | 2   | 2   |
| RATED VOLTAGE (V)                 | 250 | 320 | 400 |
| RATED CURRENT (A)                 | 10  | 10  | 10  |
| IMPULSE WITHSTANDING VOLTAGE (KV) | 4.0 | 4.0 | 4.0 |

### ORDER INFORMATION

5 T P 5 0 8 R - 2 C G N X X X L X - 0 1

508:  
PITCH 5.08mm

SERIES NO.

POLES  
(02-24)

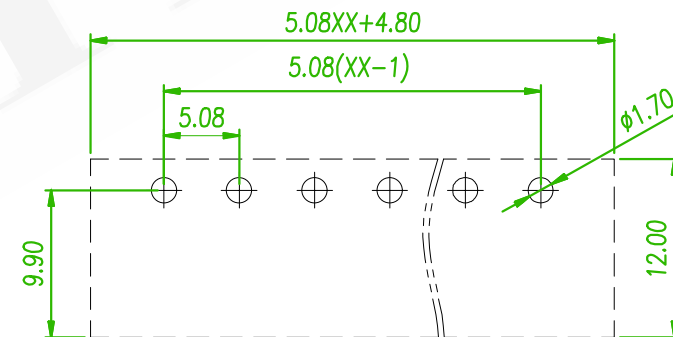
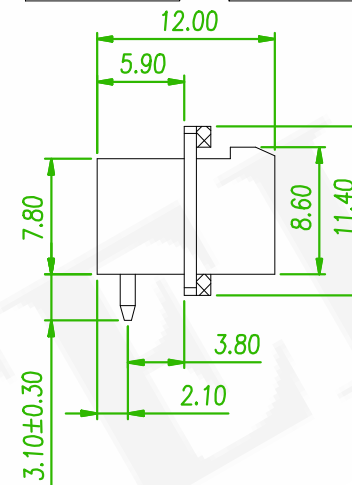
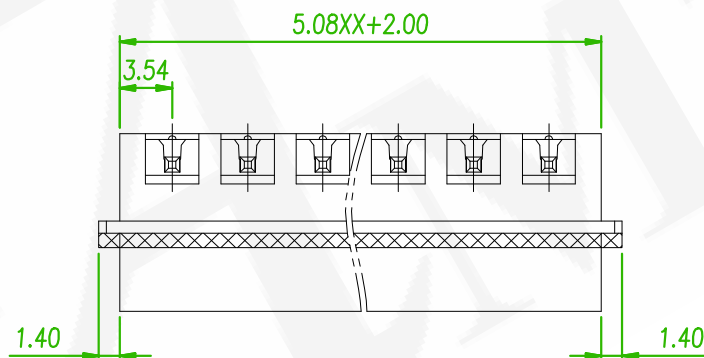
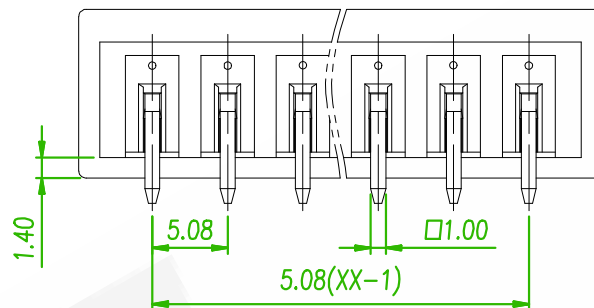
E: GREEN

B: BAG

AMTEK 糧德

2025.06.24

Released DCC



RECOMMENDED PCB LAYOUT  
(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 10 | to 10 | over 10 to 100 | over 100 to 60 |
|----------------|-------|--------------|---------------|---------------|----------------|-----------------|----------------|-------|----------------|----------------|
| tolerance      | ±0.20 | ±0.30        | ±0.50         | ±0.70         | ±1.00          | ±1.30           | +1.60          | 0.10  | 0.30           | 0.60           |

EasyFlow No.: 202401240001

Randy

2024/05/06

ECN NO. OR DESCRIPTION

REVISED

DATE



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|                      |                                                 |             |      |                           |                                                                                       |     |
|----------------------|-------------------------------------------------|-------------|------|---------------------------|---------------------------------------------------------------------------------------|-----|
| 品名<br>TITLE          | TERMINAL BLOCK PLUGGABLE 5.08mm DIP<br>R/A TYPE |             |      |                           | 頁數<br>Page                                                                            | 1/1 |
| 品號<br>PART NO.       | 5TP508R-2CGNXXLX-01                             |             |      | 繪圖<br>DRAWN               | RANDY<br>2024/05/06                                                                   |     |
| 圖號<br>DRAWING NO.    | GN110-DW933                                     | 版本<br>REV.  | A    | 核對<br>CHECKED             | JOSH<br>2024/05/06                                                                    |     |
| 客戶品號<br>CUSTOMER P/N |                                                 | 比例<br>SCALE | None | 承認<br>APPROVED            | JOSH<br>2024/05/06                                                                    |     |
| 公差<br>TOLERANCE      |                                                 | 單位<br>UNIT  | mm   | 第三<br>ANGLE<br>PROJECTION |  |     |