

HOUSING: NYLON66, UL94V-0  
COVER: NYLON66, UL94V-0  
CAGE: COPPER ALLOY, M3/Ni PLATED  
SCREW: STEEL, M3/Zn PLATED, TORQUE: 0.5N.m  
PIN: COPPER ALLOY, Sn PLATED

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

508  
PITCH:5.08mm

SERIES No.

POLES  
(02-24P)

E:GREEN

|        |
|--------|
| A:TRAY |
| B:BAG  |

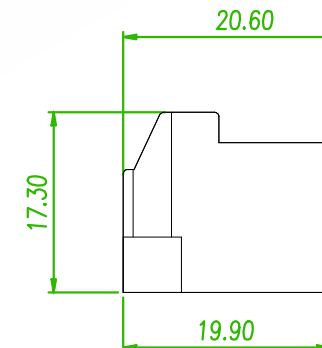
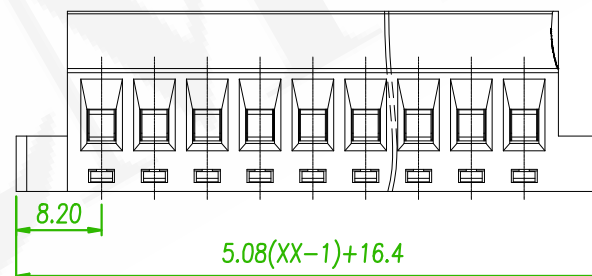
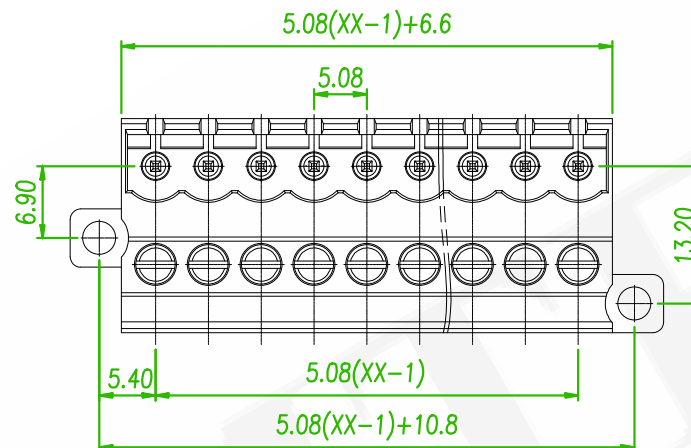
OPERATING TEMPERATURE:-40°C~+105°C  
STRIPPING LENGTH:7~8mm

**TECHNICAL DATA** 

UL/CUL

|                                    |                                                                                   |   |     |
|------------------------------------|-----------------------------------------------------------------------------------|---|-----|
| SAFETY APPROVAL                    |  |   |     |
| USE GROUP                          | B                                                                                 | C | D   |
| RATED VOLTAGE (V)                  | 300                                                                               | - | 300 |
| RATED CURRENT (A)                  | 15                                                                                | - | 10  |
| WIRE RANGE<br>SOLID/STRANDED (AWG) | 28-12                                                                             |   |     |
| WITHSTANDING VOLTAGE               | 1600V (1MIN)                                                                      |   |     |

| IEC                                                          | IEC61984 |     |     |
|--------------------------------------------------------------|----------|-----|-----|
| OVERVOLTAGE CATEGORY                                         | III      | III | II  |
| CONTAMINATION CLASS                                          | 3        | 2   | 2   |
| RATED VOLTAGE (V)                                            | 320      | 320 | 630 |
| RATED CURRENT (A)                                            | 12       | 12  | 12  |
| IMPULSE WITHSTANDING VOLTAGE (KV)                            | 4.0      | 4.0 | 4.0 |
| CONDUCTOR CROSS SECTION<br>SOLID/FLEXIBLE (mm <sup>2</sup> ) | 0.2-2.5  |     |     |



| 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                                                                                |

|                                                                                   |                                    |         |            |
|-----------------------------------------------------------------------------------|------------------------------------|---------|------------|
|                                                                                   |                                    |         |            |
|  | ECN NO:240348 Revise the drawing   | Gaby    | 2024/11/15 |
|  | ECN NO:200718 Revise the Tolerance | Alice   | 2020/09/18 |
| REV.                                                                              | ECN NO. OR DESCRIPTION             | REVISED | DATE       |



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|                      |                                 |             |      |                              |                                                                                       |     |
|----------------------|---------------------------------|-------------|------|------------------------------|---------------------------------------------------------------------------------------|-----|
| 品名<br>TITLE          | TERMINAL BLOCK PLUGGABLE 5.08mm |             |      |                              | 頁數<br>Page                                                                            | 1/1 |
| 品號<br>PART NO.       | 5TP508N-2GBNXXXLX-01            |             |      | 繪圖<br>DRAWN                  | ERIC<br>2018/12/07                                                                    |     |
| 圖號<br>DRAWING NO.    | GN011-EA213                     | 版本<br>REV.  | C    | 核對<br>CHECKED                | JOSH<br>2018/12/07                                                                    |     |
| 客戶品號<br>CUSTOMER P/N |                                 | 比例<br>SCALE | None | 承認<br>APPROVED               | JASON<br>2018/12/07                                                                   |     |
| 公差<br>TOLERANCE      |                                 | 單位<br>UNIT  | mm   | THIRD<br>ANGLE<br>PROJECTION |  |     |