

SPECIFICATION

OPERATING TEMPERATURE: -40°C~105°C  
STRIPPING LENGTH:9-10MM

MATERIAL

HOUSING: PA66, UL94V-0  
COVER: PA66, UL94V-0  
BUTTON: POM,UL94-HB  
CLAMP: COPPER ALLOY,SN PLATED  
SPRING: STAINLESS STEEL  
SCREW:STEEL,M2.5/ZN PLATED

TECHNICAL DATA

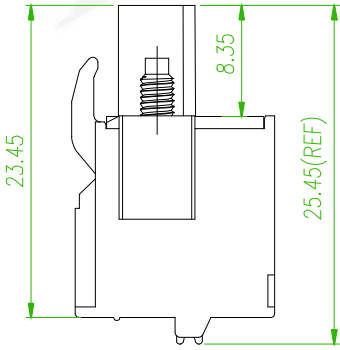
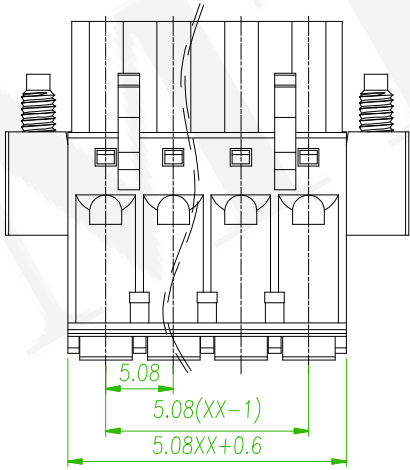
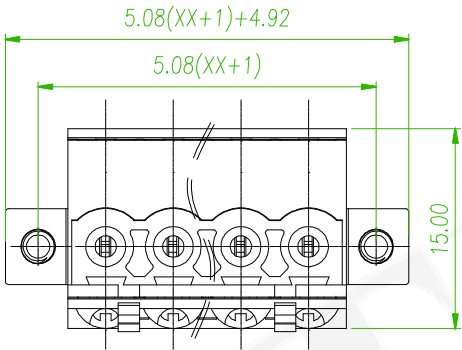
UL/CUL

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

|                                                 |          |     |     |
|-------------------------------------------------|----------|-----|-----|
| 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 [mm²] | 0.2-2.5  |     |     |

ORDER INFORMATION

|                     |   |   |   |   |   |   |            |   |   |                            |   |   |         |   |   |       |   |   |   |
|---------------------|---|---|---|---|---|---|------------|---|---|----------------------------|---|---|---------|---|---|-------|---|---|---|
| 5                   | T | P | 5 | 0 | 8 | N | -          | G | D | F                          | E | X | X       | X | L | X     | - | 0 | 1 |
| 508:<br>PITCH5.08mm |   |   |   |   |   |   | SERIES NO. |   |   | NO OF PINS<br>TOTAL(02-24) |   |   | E:GREEN |   |   | B:BAG |   |   |   |



|                                                                                   |                        |              |               |               |                |                 |             |         |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|------------------------|--------------|---------------|---------------|----------------|-----------------|-------------|---------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 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                                                                                |
|                                                                                   |                        |              |               |               |                |                 |             |         |                                                                                     |                                                                                     |
|                                                                                   |                        |              |               |               |                |                 |             |         |                                                                                     |                                                                                     |
|  | BPM NO.:202401240001   |              |               |               |                |                 |             | Randy   | 2024/06/18                                                                          |                                                                                     |
| REV.                                                                              | ECN NO. OR DESCRIPTION |              |               |               |                |                 |             | REVISED | DATE                                                                                |                                                                                     |



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|                      |                                    |             |      |                              |                                                                                       |                     |
|----------------------|------------------------------------|-------------|------|------------------------------|---------------------------------------------------------------------------------------|---------------------|
| 品名<br>TITLE          | TERMINAL BLOCK PLUGGABLE<br>5.08mm |             |      |                              | 頁數<br>Page                                                                            | 1/1                 |
| 品號<br>PART NO.       | 5TP508N-GDFEXXXLX-01               |             |      |                              | 繪圖<br>DRAWN                                                                           | Randy<br>2024/06/18 |
| 圖號<br>DRAWING NO.    | GN011-RD565                        | 版本<br>REV.  | A    | 核對<br>CHECKED                | Josh<br>2024/06/18                                                                    |                     |
| 客戶品號<br>CUSTOMER P/N |                                    | 比例<br>SCALE | None | 承認<br>APPROVED               | Josh<br>2024/06/18                                                                    |                     |
| 公差<br>TOLERANCE      |                                    | 單位<br>UNIT  | mm   | THIRD<br>ANGLE<br>PROJECTION |  |                     |