
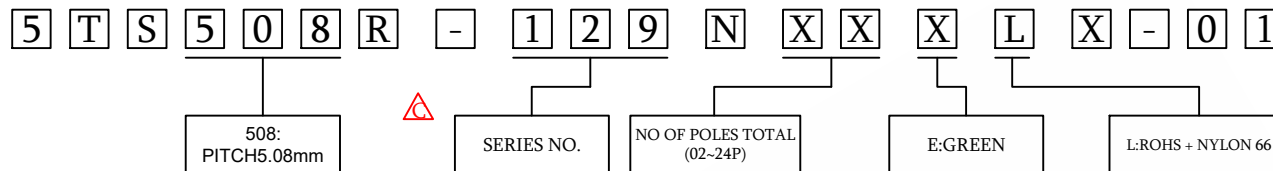



MATERIAL 
 HOUSING: NYLON66, UL94V-0
 CAGE: COPPER ALLOY, M3/Ni PLATED
 SCREW: STEEL, M3/Zn PLATED, TORQUE: 0.5N.m
 PIN: COPPER ALLOY, Sn PLATED

ORDER INFORMATION




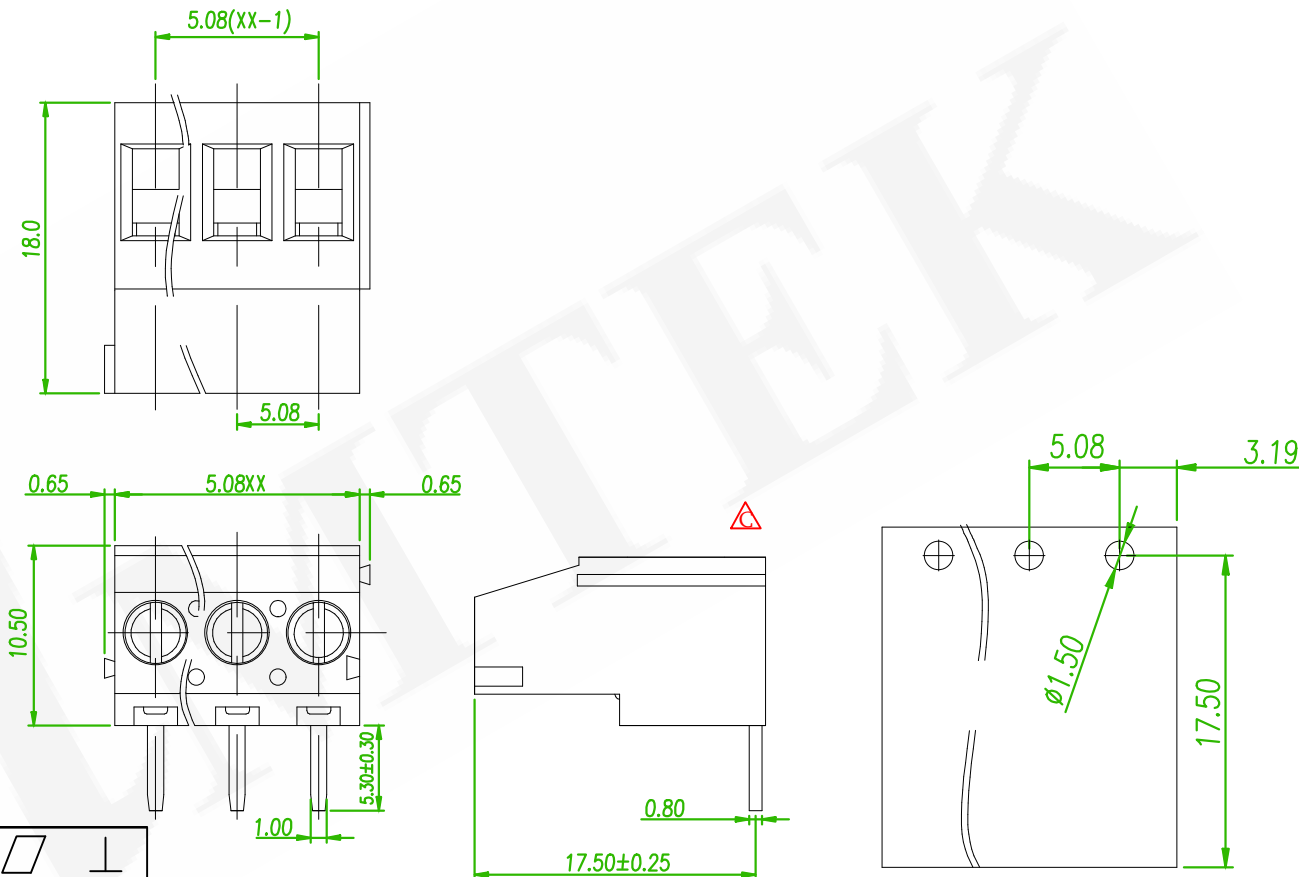
MECHANICAL
 OPERATING TEMPERATURE: -40°C~+105°C
 SOLDERING TEMPERATURE: 260°C/5S
 STRIPPING LENGTH: 6~7mm


TECHNICAL DATA 
 UL/CUL

| | | | |
|----------------------|---|---|-----|
| SAFETY APPROVAL |  | | |
| USE GROUP | B | C | D |
| RATED VOLTAGE (V) | 300 | - | 300 |
| RATED CURRENT (A) | 20 | - | 10 |
| WIRE RANGE | 26-12 | | |
| SOLID/STRANDED (AWG) | | | |
| WITHSTANDING VOLTAGE | 1600V (1MIN) | | |



IEC

| | | | |
|-----------------------------------|---|-----|-----|
| SAFETY APPROVAL |  | | |
| OVERVOLTAGE CATEGORY | III | III | II |
| CONTAMINATION CLASS | 3 | 2 | 2 |
| RATED VOLTAGE (V) | 250 | 400 | 630 |
| RATED CURRENT (A) | 24 | 24 | 24 |
| IMPULSE WITHSTANDING VOLTAGE (KV) | 4.0 | 4.0 | 4.0 |
| CONDUCTOR CROSS SECTION | 0.5-2.5 | | |
| SOLID/FLEXIBLE (mm ²) | | | |




 linear dimension (Tolerances Standard GB/T 14486-2008)

| | | | | | | | | | | |
|----------------|-------|-------|-------|-------|--------|--------|-------|-------|--------|--------|
| | | over | over | over | over | over | over | — | ∥ | ⊥ |
| variable range | to 6 | to 10 | to 30 | to 60 | to 100 | to 160 | to 10 | to 10 | to 100 | to 100 |
| 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 | 2024/07/19 |
|  x1 | ECN NO:200718 Revise the Tolerance | Alice | 2020/12/08 |
| REV. | ECN NO. OR DESCRIPTION | REVISED | DATE |



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| | | | | | | |
|----------------------|--|-------------|------|---------------------------|---|-----|
| 品名 TITLE | TERMINAL BLOCK PCB SCREW 5.08mm DIP R/A TYPE | | | | 頁數 Page | 1/1 |
| 品號 PART NO. | 5TS508R-129NXXXLX-01 | | | 繪圖 DRAWN | ROY 2017/08/31 | |
| 圖號 DRAWING NO. | GN011-RL969 | 版本 REV. | D | 核對 CHECKED | CAROL 2017/08/31 | |
| 客戶品號 CUSTOMER P/N | | 比例 SCALE | None | 承認 APPROVED | JASON 2017/08/31 | |
| 公差 TOLERANCE | | 單位 UNIT | mm | 第三 ANGLE PROJECTION |  | |