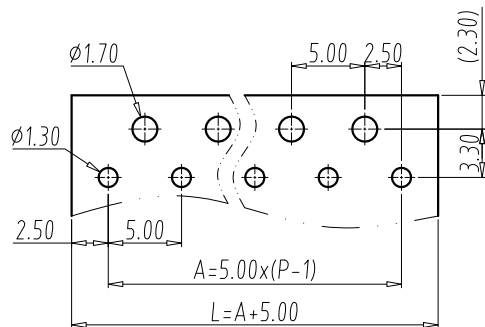
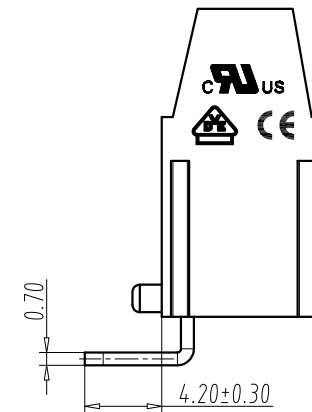
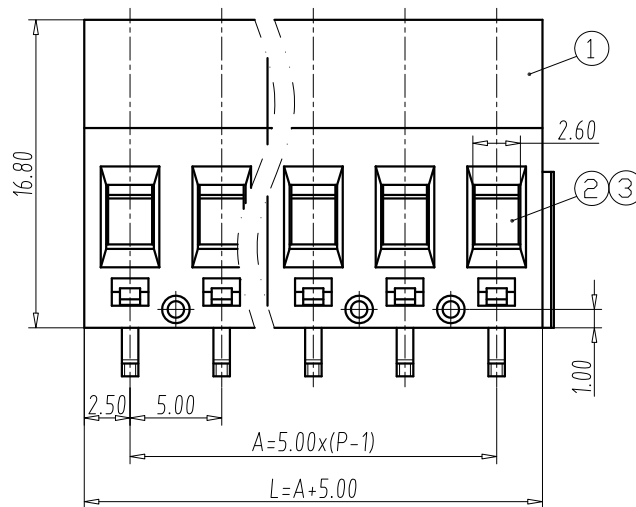
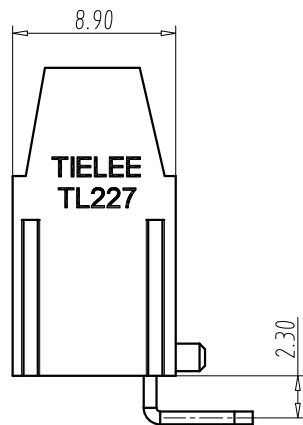


FILE:



**PCB LAYOUT**  
S=2:1



## NOTES:

## 1. UL:

Rating:300V, 20A

Insulation Withstands Voltage:AC1600V/MIN

Suitable Electric Wire:30AWG~12AWG

## 2. IEC:

Rating:320V, 24A

Rate Impulse Voltage:4000V

Insulation Resistance:500M $\Omega$  or more at DC500VContact Resistance: $\leq 5\text{m}\Omega$ 

Material Group: I, Pollution Degree:2

Overvoltage Category:III

Suitable Electric Wire:0.2mm<sup>2</sup>~2.5mm<sup>2</sup>, 4.0mm<sup>2</sup> (SOL)3. Using Temperature Range:-40 $^{\circ}\text{C}$ ~+105 $^{\circ}\text{C}$ 4. Screw Torque Value:0.5N $\cdot$ m

5. Strip length:6~7mm

6. RoHS compliance

| DIM \ P                         | 2                      | 3                      | 4                      | 5                       | 6                        | 7                        | 8                                | 9                        | 10                       | 11                       | 12                       |                          |                          |                          |                          |                          |       |
|---------------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|--------------------------|----------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------|
|                                 | L                      | 10                     | 15                     | 20                      | 25                       | 30                       | 35                               | 40                       | 45                       | 50                       | 55                       | 60                       |                          |                          |                          |                          |       |
| DIM \ P                         | A                      | 5                      | 10                     | 15                      | 20                       | 25                       | 30                               | 35                       | 40                       | 45                       | 50                       | 55                       |                          |                          |                          |                          |       |
|                                 | L                      | 13                     | 14                     | 15                      | 16                       | 17                       | 18                               | 19                       | 20                       | 21                       | 22                       | 23                       | 24                       |                          |                          |                          |       |
| DIM \ P                         | A                      | 65                     | 70                     | 75                      | 80                       | 85                       | 90                               | 95                       | 100                      | 105                      | 110                      | 115                      | 120                      |                          |                          |                          |       |
|                                 | A                      | 60                     | 65                     | 70                      | 75                       | 80                       | 85                               | 90                       | 95                       | 100                      | 105                      | 110                      | 115                      |                          |                          |                          |       |
| Total Pitch Tolerances<br>in mm |                        |                        |                        |                         |                          |                          | Nominal dimension range<br>in mm |                          |                          |                          |                          |                          |                          |                          |                          |                          |       |
| over<br>0<br>to<br>30           | over<br>30<br>to<br>53 | over<br>53<br>to<br>70 | over<br>70<br>to<br>90 | over<br>90<br>to<br>115 | over<br>115<br>to<br>150 | over<br>150<br>to<br>200 | over<br>200<br>to<br>250         | over<br>250<br>to<br>300 | over<br>300<br>to<br>330 | over<br>330<br>to<br>350 | over<br>350<br>to<br>370 | over<br>370<br>to<br>390 | over<br>390<br>to<br>410 | over<br>410<br>to<br>430 | over<br>430<br>to<br>450 | over<br>450<br>to<br>470 |       |
| ±0.20                           | ±0.25                  | ±0.3                   | ±0.35                  | ±0.44                   | ±0.55                    | ±0.70                    | ±0.85                            | ±1.00                    | ±0.25                    | ±0.30                    | ±0.35                    | ±0.44                    | ±0.55                    | ±0.70                    | ±0.80                    | ±0.90                    | ±1.20 |

| 4    | SCREW        | P    | STEEL        | M3/Zn Plated |
|------|--------------|------|--------------|--------------|
| 3    | SOLDER PIN   | P    | Copper Alloy | Sn Plated    |
| 2    | BLOCK        | P    | Copper Alloy | Ni Plated    |
| 1    | HOUSING      | /    | PA66         | UL94V-0      |
| ITEM | NAME OF PART | Q'TY | MATERIAL     | NOTE         |

|                                                |     |      |            |        |                  |          |     |
|------------------------------------------------|-----|------|------------|--------|------------------|----------|-----|
| DWG.                                           | ZHT | DATE | 2021.02.23 | UNITS  | MM               | SHEET/OF | 1/1 |
| CHK.                                           |     | DATE |            | SCALE  | 2.5 : 1          | A4       |     |
| APP.                                           |     | DATE |            |        |                  |          |     |
| TIANLI<br>ELECTRICAL MACHINERY(NINGBO)CO.,LTD. |     |      |            | NAME   | TL227R-XXP-XS    |          |     |
|                                                |     |      |            | DWGNO. | TLDW-TL227RXXPXS |          |     |