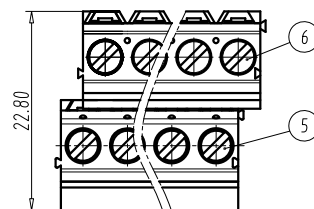
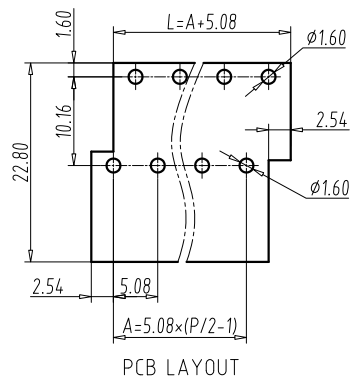


FILE: TL338VH2R-XXP-XS

| REV  | E.C.N NO. | CONTENT          | CHK | DATE       |
|------|-----------|------------------|-----|------------|
| V0.1 |           | Add UL lettering | CZM | 2022.03.14 |



## NOTES:

## 1. UL:

Rating:300V, 20A  
 Insulation Withstands Voltage:AC1600V/MIN  
 Suitable Electric Wire:28AWG~12AWG  
 Using Temperature Range:-40℃~+115℃

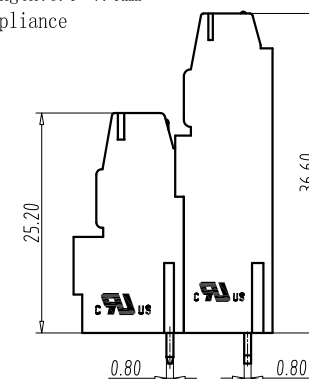
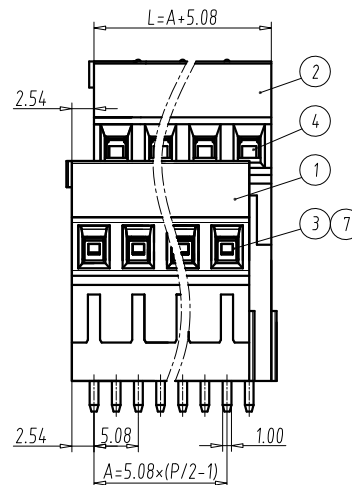
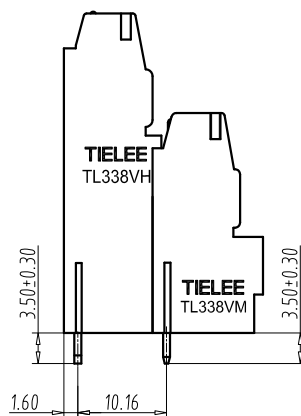
## 2. IEC:

Rating:320V, 18A  
 Rate Impulse Voltage:4000V  
 Insulation Resistance:500MΩ or more at DC500V  
 Contact Resistance:≤5mΩ  
 Material Group: I, Pollution Degree:2, Overvoltage Category:III  
 Suitable Electric Wire:0.2mm<sup>2</sup>~2.5mm<sup>2</sup>  
 Using Temperature Range:-40℃~+115℃

3. Screw Torque Value:0.5N·m

4. Strip length:6.0~7.0mm

5. RoHS compliance



| DIM                             | P                      | 04                     | 06                     | 08                      | 10                       | 12                       | 14                       | 16                               | 18                    | 20                     | 22                     | 24                     |                         |                          |                          |                          |                          |
|---------------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|--------------------------|--------------------------|----------------------------------|-----------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
|                                 |                        | L                      | 10.16                  | 15.24                   | 20.32                    | 25.40                    | 30.48                    | 35.56                            | 40.64                 | 45.72                  | 50.80                  | 55.88                  | 60.96                   |                          |                          |                          |                          |
|                                 | A                      | 5.08                   | 10.16                  | 15.24                   | 20.32                    | 25.40                    | 30.48                    | 35.56                            | 40.64                 | 45.72                  | 50.80                  | 55.88                  |                         |                          |                          |                          |                          |
| DIM                             | P                      | 26                     | 28                     | 30                      | 32                       | 34                       | 36                       | 38                               | 40                    | 42                     | 44                     | 46                     | 48                      |                          |                          |                          |                          |
|                                 |                        | L                      | 66.04                  | 71.12                   | 76.20                    | 81.28                    | 86.36                    | 91.44                            | 96.52                 | 101.60                 | 106.68                 | 111.76                 | 116.84                  | 121.92                   |                          |                          |                          |
|                                 | A                      | 60.96                  | 66.04                  | 71.12                   | 76.20                    | 81.28                    | 86.36                    | 91.44                            | 96.52                 | 101.60                 | 106.68                 | 111.76                 | 116.84                  |                          |                          |                          |                          |
| 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>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 |
| ±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                    |

|   |              |     |              |              |
|---|--------------|-----|--------------|--------------|
| 7 | BLOCK        | P   | Copper Alloy | Ni Plated    |
| 6 | SCREW 2      | P/2 | STEEL        | M3/Zn Plated |
| 5 | SCREW 1      | P/2 | STEEL        | M3/Zn Plated |
| 4 | SOLDER PIN 2 | P/2 | Copper Alloy | Tin Plated   |
| 3 | SOLDER PIN 1 | P/2 | Copper Alloy | Tin Plated   |
| 2 | HOUSING 2    | 1   | PA66         | UL94V-0      |
| 1 | HOUSING 1    | 1   | PA66         | UL94V-0      |

|                                                                                                                                                 |     |      |            |       |                  |                     |                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|------------|-------|------------------|---------------------|---------------------------------------------------------------------------------------|
| DWG.                                                                                                                                            | ZHT | DATE | 2021.01.25 | UNITS | MM               | SHEET/OF            | 1/1                                                                                   |
| CHK.                                                                                                                                            |     | DATE |            | SCALE | 15 : 1           | A4                  |  |
| APP.                                                                                                                                            |     | DATE |            | NAME  | TL338VH2R-XXP-XS |                     |                                                                                       |
| <div>TIANLI<br/>ELECTRICAL MACHINERY(NINGBO)CO.,LTD.</div> |     |      |            |       | DWGNO.           | TLDW-TL338VH2RXXPXS |                                                                                       |