

FILE: 2021-D01\ULO

| REV | E.C.N NO. | CONTENT | CHK | DATE |
|-----|-----------|---------|-----|------|
|     |           |         |     |      |

#### NOTES1:

UL Standard

1.

| Use group     | B    | C | D    |
|---------------|------|---|------|
| Rated Current | 15A  | — | 10A  |
| Rated Voltage | 300V | — | 300V |

IEC Standard

1.

| Pollution Degree         | 3    | 2    | 2    |
|--------------------------|------|------|------|
| Overvoltage Category     | II   | II   | II   |
| Rate Impulse Voltage(KV) | 4KV  | 4KV  | 4KV  |
| Rate Voltage(V)          | 250V | 320V | 400V |
| Rate Current(A)          | 12A  | 12A  | 12A  |

#### NOTES2:

1.Housing: PA66(UL94V-0)

2.Cover: PA66(UL94V-0)

3.Solder Pin: Red copper(Sn Plated)

#### NOTES3:

1.Pitch: 5.08mm Poles: 2x(02-24)P

2.Operating temperature:  $-40^{\circ}\text{C}\sim+105^{\circ}\text{C}$

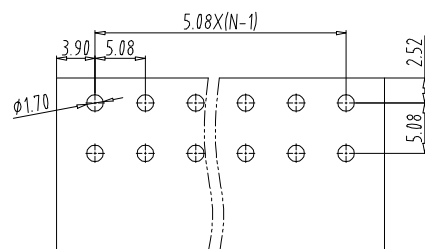
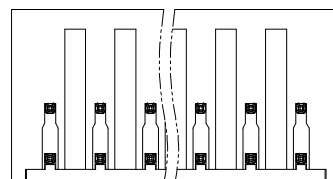
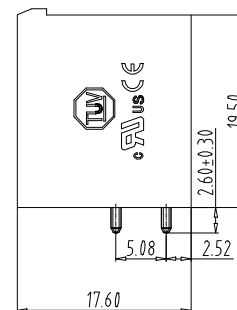
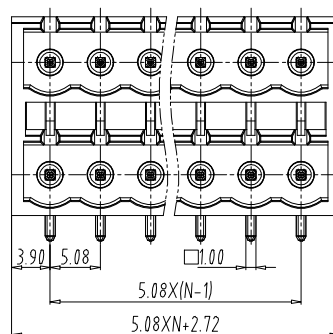
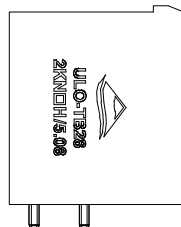
3.RoHS Compliance

#### How to order

|             |         |            |              |       |   |   |      |
|-------------|---------|------------|--------------|-------|---|---|------|
| ULO-TB28    | -       | 2KNRH/5.08 | -            | 2xXXP | - | Y | 000A |
| Certificate | Factory | poles      | Customer     |       |   |   |      |
| Series NO.  | Code    |            | requirements |       |   |   |      |

color:

- |          |               |
|----------|---------------|
| 1:Grey   | 6:Red         |
| 2:Blue   | 7:transparent |
| 3:Black  | 8:Yellow      |
| 4:Green  | 9:White       |
| 5:Orange |               |



PCB Layout

| A | Total Pitch Tolerances<br>in mm |            |            |            |            |             |             |             |             | Nominal dimension range<br>in mm |            |            |            |            |             |             |             |             | $\perp$    |            | $\equiv$ | $—$ //    |             |             |
|---|---------------------------------|------------|------------|------------|------------|-------------|-------------|-------------|-------------|----------------------------------|------------|------------|------------|------------|-------------|-------------|-------------|-------------|------------|------------|----------|-----------|-------------|-------------|
|   | over<br>0                       | over<br>30 | over<br>53 | over<br>70 | over<br>90 | over<br>115 | over<br>150 | over<br>200 | over<br>250 | over<br>30                       | over<br>30 | over<br>53 | over<br>70 | over<br>90 | over<br>115 | over<br>150 | over<br>200 | over<br>250 | over<br>30 | over<br>10 | all      | over<br>0 | over<br>100 | over<br>150 |
|   | to<br>30                        | to<br>53   | to<br>70   | to<br>90   | to<br>115  | to<br>150   | to<br>200   | to<br>250   | to<br>320   | to<br>30                         | to<br>53   | to<br>70   | to<br>90   | to<br>115  | to<br>150   | to<br>200   | to<br>250   | to<br>320   | to<br>10   |            |          | to<br>100 | to<br>150   |             |
|   | ±0.18                           | ±0.20      | ±0.25      | ±0.3       | ±0.35      | ±0.44       | ±0.55       | ±0.70       | ±0.75       | ±0.20                            | ±0.25      | ±0.30      | ±0.35      | ±0.44      | ±0.55       | ±0.70       | ±0.80       | ±0.90       | 0.2        | 0.3        | 0.3      | 0.2       | 0.3         | 0.5         |

| ITEM                                                                                                                                | NAME OF PART |      | NO. OF PART | Q"TY   | MATERIAL                             |          | NOTE |
|-------------------------------------------------------------------------------------------------------------------------------------|--------------|------|-------------|--------|--------------------------------------|----------|------|
| DWG.                                                                                                                                | LZW          | DATE | 22.05.13    | UNITS  | MM                                   | SHEET/OF | 1/1  |
| CHK.                                                                                                                                |              | DATE |             | SCALE  | 1:1                                  | A4       |      |
| APP.                                                                                                                                |              | DATE |             |        | NAME ULO-TB28-2KNRH/5.08-2xXXP-Y000A |          |      |
|  NINGBO ULO ELECTRONICS CO.,LTD.<br>宁波欧路电子有限公司 |              |      |             | DWGNO. | ULOTB28Y000A                         |          |      |