

|     |           |         |     |      |  |
|-----|-----------|---------|-----|------|--|
|     |           | 2       |     | 1    |  |
| REV | E.C.N NO. | CONTENT | CHK | DATE |  |
|     |           |         |     |      |  |

NOTES:

UL Standard

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

2. Wire range: 14~22AWG

IEC Standard

| Pollution Degree         | 3  | 2    | 2 |
|--------------------------|----|------|---|
| Overvoltage Category     | II | II   | I |
| Rate Impulse Voltage(KV) | -  | 2KV  | - |
| Rate Voltage(V)          | -  | 250V | - |
| Rate Current(A)          | -  | 20A  | - |

2.wire range: 1.0-2.5mm<sup>2</sup>

NOTES:

- 1.Housing: PA66(UL94V-0)
- 2.Pin: Copper alloy(Sn Plated)
- 3.Screw: Steel(Zn Plated)
- 4.Spring: Stainless steel

NOTES:

1. Pitch: 5.0mm Poles: 02-24P
2. Stripping length: 6-7mm
3. Operating temperature: -40°C ~ +105°C
4. RoHS Compliance

## How to order

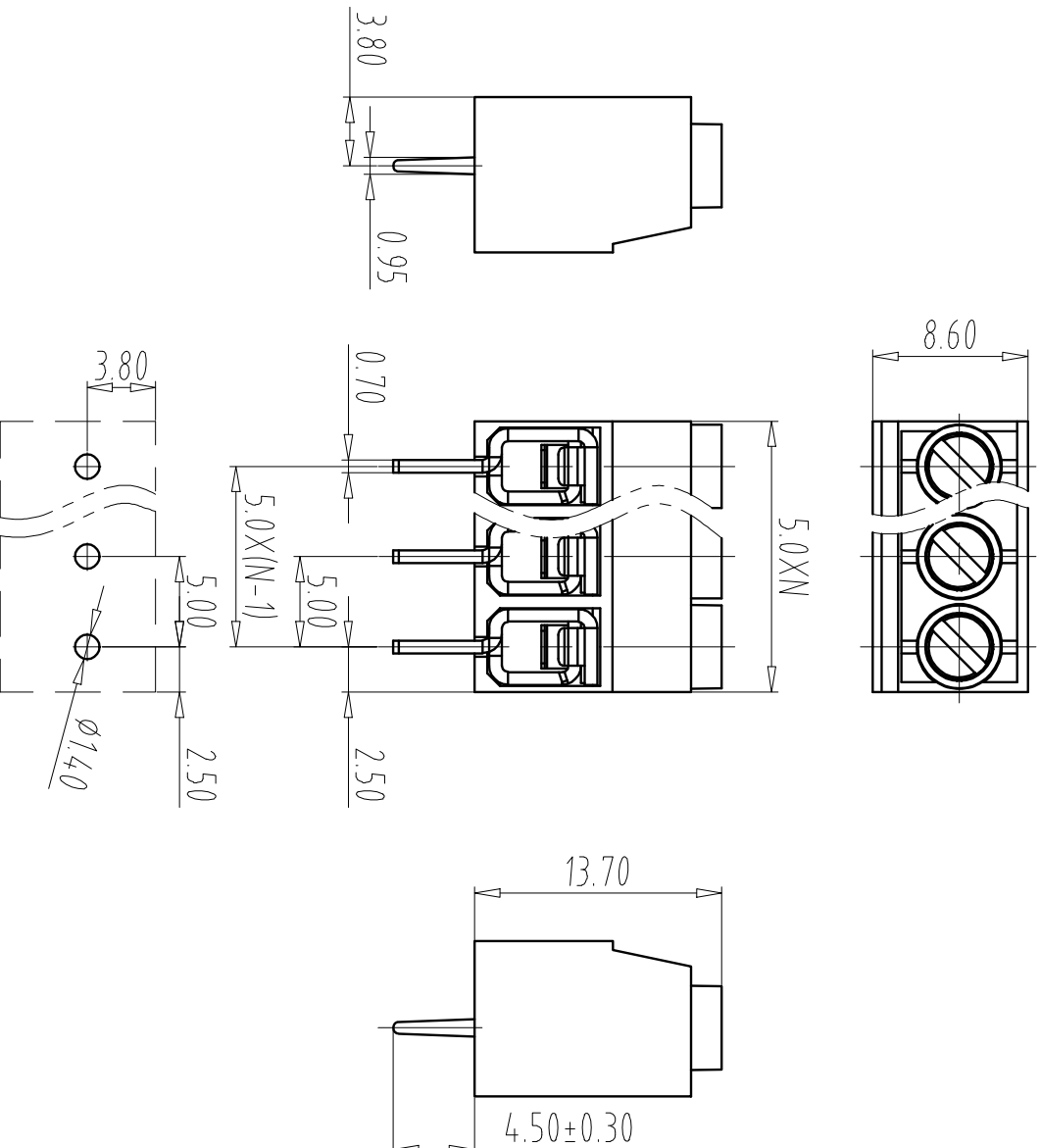
|          |   |         |   |     |   |   |         |
|----------|---|---------|---|-----|---|---|---------|
| UL0-TB25 | - | 167/5.0 | - | XXP | - | Y | 0 0 0 A |
|----------|---|---------|---|-----|---|---|---------|

| Certificate<br>Series NO. | Factory<br>Code | poles |
|---------------------------|-----------------|-------|
|                           |                 |       |

Customer requirements

— color:

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



## PCB LAYOUT

| A                                    |       | Total Pity Tolerances                 |       |                                       |       |                                       |       |                                       |       |                                       |       | Nominal dimension range               |       |                                       |       |                                       |       |                                       |       |                                       |       |                                       |       |                                       |       |                                       |       |                                       |       |     |
|--------------------------------------|-------|---------------------------------------|-------|---------------------------------------|-------|---------------------------------------|-------|---------------------------------------|-------|---------------------------------------|-------|---------------------------------------|-------|---------------------------------------|-------|---------------------------------------|-------|---------------------------------------|-------|---------------------------------------|-------|---------------------------------------|-------|---------------------------------------|-------|---------------------------------------|-------|---------------------------------------|-------|-----|
|                                      |       | in mm                                 |       |                                       |       |                                       |       |                                       |       |                                       |       | in mm                                 |       |                                       |       |                                       |       |                                       |       |                                       |       |                                       |       |                                       |       |                                       |       |                                       |       |     |
| over                                 | under | over                                  | under | over                                  | under | over                                  | under | over                                  | under | over                                  | under | over                                  | under | over                                  | under | over                                  | under | over                                  | under | over                                  | under | over                                  | under | over                                  | under | over                                  | under | over                                  | under |     |
| 0                                    | 30    | 53                                    | 70    | 90                                    | 115   | 150                                   | 200   | 250                                   | 0     | 30                                    | 53    | 70                                    | 90    | 115                                   | 150   | 200                                   | 250   | 0                                     | over  | 0                                     | 100   | over                                  | 0     | 100                                   | over  | 0                                     | 100   | over                                  | 0     | 100 |
| to                                   | to    | to                                    | to    | to                                    | to    | to                                    | to    | to                                    | to    | to                                    | to    | to                                    | to    | to                                    | to    | to                                    | to    | to                                    | to    | all                                   | to    | to                                    | to    | to                                    | to    | to                                    | to    | to                                    | to    | to  |
| 30                                   | 53    | 70                                    | 90    | 115                                   | 150   | 200                                   | 250   | 320                                   | 30    | 53                                    | 70    | 90                                    | 115   | 150                                   | 200   | 250                                   | 320   | 10                                    |       |                                       | 100   |                                       | 150   |                                       |       |                                       |       |                                       |       |     |
| $\pm 0.18 \pm 0.20 \pm 0.25 \pm 0.3$ |       | $\pm 0.35 \pm 0.44 \pm 0.55 \pm 0.70$ |       | $\pm 0.40 \pm 0.50 \pm 0.60 \pm 0.75$ |       | $\pm 0.50 \pm 0.60 \pm 0.75 \pm 0.90$ |       | $\pm 0.60 \pm 0.75 \pm 0.90 \pm 1.10$ |       | $\pm 0.70 \pm 0.85 \pm 1.00 \pm 1.20$ |       | $\pm 0.80 \pm 0.95 \pm 1.10 \pm 1.30$ |       | $\pm 0.90 \pm 1.05 \pm 1.20 \pm 1.40$ |       | $\pm 1.00 \pm 1.15 \pm 1.30 \pm 1.50$ |       | $\pm 1.10 \pm 1.25 \pm 1.40 \pm 1.60$ |       | $\pm 1.20 \pm 1.35 \pm 1.50 \pm 1.70$ |       | $\pm 1.30 \pm 1.45 \pm 1.60 \pm 1.80$ |       | $\pm 1.40 \pm 1.55 \pm 1.70 \pm 1.90$ |       | $\pm 1.50 \pm 1.65 \pm 1.80 \pm 2.00$ |       | $\pm 1.60 \pm 1.75 \pm 1.90 \pm 2.10$ |       |     |

| ITEM                                                                               | NAME OF PART | NO. OF PART   | Q'TY  | MATERIAL                   | NOTE         |
|------------------------------------------------------------------------------------|--------------|---------------|-------|----------------------------|--------------|
| DWG.                                                                               | LZ W         | DATE 22.04.14 | UNITS | MM                         | SHEET/OF 1/1 |
| G/K.                                                                               |              | DATE          | SCALE | 1 : 1                      | A4           |
| APP.                                                                               |              | DATE          |       |                            |              |
| NINGBO ULIO ELECTRONICS CO.,LTD.<br>宁波欧路电子有限公司                                     |              |               | NAME  | ULIO-B25-16/7.5D-XRP-Y000A |              |
|  |              |               | DWGNO | ULIOB25Y000A               |              |