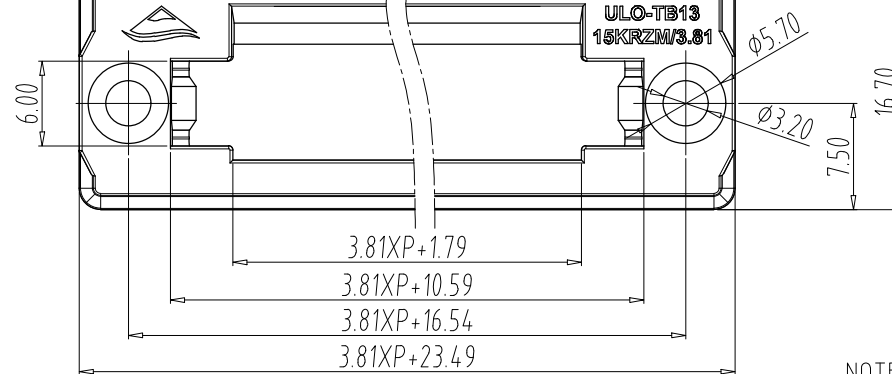
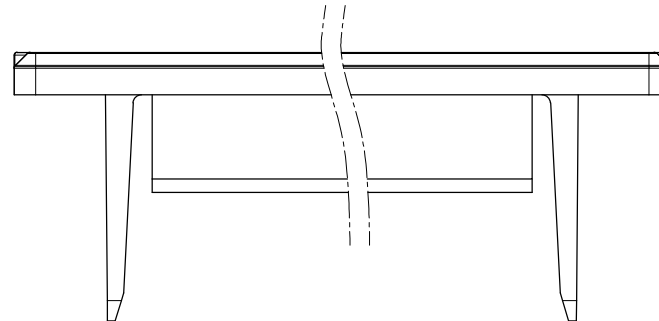
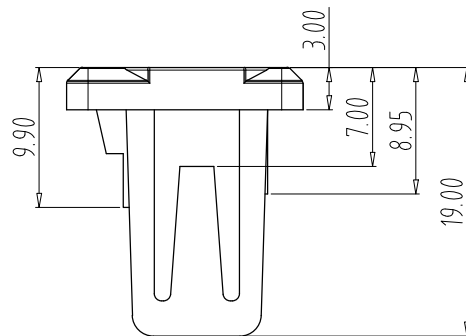


| REV | E.C.N NO. | CONTENT | CHK | DATE |
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NOTES1:

1.Housing: PA66(UL94 V-0)



NOTES2:

1.Pitch: 3.81mm    Poles: 02-24P

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

### 3.RoHS Compliance

## How to order

ULO-TB13 - 15KRZM/3.81 - XXP - Y 0 0 0A

Certificate  
Series NO.

Factory  
Code

poles

Customer requirements

color:

1:Grey

2:Blue

3:Black

4:Green

5:Orange

6:Red

7:transp

8:Yellow

9:White

| Total Pitch Tolerances<br>in mm |                        |                        |                        |                         |                          |                          |                          |                          |                          | Nominal dimension range<br>in mm |                          |                          |                           |                            |                            |                            |                            |                            |                            | $\perp$                    |                            | $\div$                     | $-$ //                      |                              |                              |                              |                              |                              |                              |                              |                              |                              |                               |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                 |                                  |                                  |                                  |                                  |                                  |                                  |                                  |                                  |                                  |                                   |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                  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| 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>320 | over<br>320<br>to<br>400 | over<br>400<br>to<br>500         | over<br>500<br>to<br>630 | over<br>630<br>to<br>800 | over<br>800<br>to<br>1000 | over<br>1000<br>to<br>1250 | over<br>1250<br>to<br>1600 | over<br>1600<br>to<br>2000 | over<br>2000<br>to<br>2500 | over<br>2500<br>to<br>3150 | over<br>3150<br>to<br>4000 | over<br>4000<br>to<br>5000 | over<br>5000<br>to<br>6300 | over<br>6300<br>to<br>8000 | over<br>8000<br>to<br>10000 | over<br>10000<br>to<br>12500 | over<br>12500<br>to<br>16000 | over<br>16000<br>to<br>20000 | over<br>20000<br>to<br>25000 | over<br>25000<br>to<br>31500 | over<br>31500<br>to<br>40000 | over<br>40000<br>to<br>50000 | over<br>50000<br>to<br>63000 | over<br>63000<br>to<br>80000 | over<br>80000<br>to<br>100000 | over<br>100000<br>to<br>125000 | over<br>125000<br>to<br>160000 | over<br>160000<br>to<br>200000 | over<br>200000<br>to<br>250000 | over<br>250000<br>to<br>315000 | over<br>315000<br>to<br>400000 | over<br>400000<br>to<br>500000 | over<br>500000<br>to<br>630000 | over<br>630000<br>to<br>800000 | over<br>800000<br>to<br>1000000 | over<br>1000000<br>to<br>1250000 | over<br>1250000<br>to<br>1600000 | over<br>1600000<br>to<br>2000000 | over<br>2000000<br>to<br>2500000 | over<br>2500000<br>to<br>3150000 | over<br>3150000<br>to<br>4000000 | over<br>4000000<br>to<br>5000000 | over<br>5000000<br>to<br>6300000 | over<br>6300000<br>to<br>8000000 | over<br>8000000<br>to<br>10000000 | over<br>10000000<br>to<br>12500000 | over<br>12500000<br>to<br>16000000 | over<br>16000000<br>to<br>20000000 | over<br>20000000<br>to<br>25000000 | over<br>25000000<br>to<br>31500000 | over<br>31500000<br>to<br>40000000 | over<br>40000000<br>to<br>50000000 | over<br>50000000<br>to<br>63000000 | over<br>63000000<br>to<br>80000000 | over<br>80000000<br>to<br>100000000 | over<br>100000000<br>to<br>125000000 | over<br>125000000<br>to<br>160000000 | over<br>160000000<br>to<br>200000000 | over<br>200000000<br>to<br>250000000 | over<br>250000000<br>to<br>315000000 | over<br>315000000<br>to<br>400000000 | over<br>400000000<br>to<br>500000000 | over<br>500000000<br>to<br>630000000 | over<br>630000000<br>to<br>800000000 | over<br>800000000<br>to<br>1000000000 | over<br>1000000000<br>to<br>1250000000 | over<br>1250000000<br>to<br>1600000000 | over<br>1600000000<br>to<br>2000000000 | over<br>2000000000<br>to<br>2500000000 | over<br>2500000000<br>to<br>3150000000 | over<br>3150000000<br>to<br>4000000000 | over<br>4000000000<br>to<br>5000000000 | over<br>5000000000<br>to<br>6300000000 | over<br>6300000000<br>to<br>8000000000 | over<br>8000000000<br>to<br>10000000000 | over<br>10000000000<br>to<br>12500000000 | over<br>12500000000<br>to<br>16000000000 | 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| over<br>20000000000000000<br>to<br>25000000000000000 | over<br>25000000000000000<br>to<br>31500000000000000 | over<br>31500000000000000<br>to<br>40000000000000000 | over<br>40000000000000000<br>to<br>50000000000000000 | over<br>50000000000000000<br>to<br>63000000000000000 | over<br>63000000000000000<br>to<br>80000000000000000 | over<br>80000000000000000<br>to<br>100000000000000000 | over<br>100000000000000000<br>to<br>125000000000000000 | over<br>125000000000000000<br>to<br>160000000000000000 | over<br>160000000000000000<br>to<br>200000000000000000 | over<br>200000000000000000<br>to<br>250000000000000000 | over<br>250000000000000000<br>to<br>315000000000000000 | over<br>315000000000000000<br>to<br>400000000000000000 | over<br>400000000000000000<br>to<br>500000000000000000 | over<br>500000000000000000<br>to<br>630000000000000000 | over<br>630000000000000000<br>to<br>800000000000000000 | over<br>800000000000000000<br>to<br>1000000000000000000 | 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| over<br>25000000000000000000000000<br>to<br>31500000000000000000000000 | over<br>31500000000000000000000000<br>to<br>40000000000000000000000000 | over<br>40000000000000000000000000<br>to<br>50000000000000000000000000 | over<br>50000000000000000000000000<br>to<br>63000000000000000000000000 | over<br>63000000000000000000000000<br>to<br>80000000000000000000000000 | over<br>80000000000000000000000000<br>to<br>100000000000000000000000000 | over<br>100000000000000000000000000<br>to<br>125000000000000000000000000 | over<br>125000000000000000000000000<br>to<br>160000000000000000000000000 | over<br>160000000000000000000000000<br>to<br>200000000000000000000000000 | over<br>200000000000000000000000000<br>to<br>250000000000000000000000000 | over<br>250000000000000000000000000<br>to<br>315000000000000000000000000 | over<br>315000000000000000000000000<br>to<br>400000000000000000000000000 | over<br>400000000000000000000000000<br>to<br>500000000000000000000000000 | 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|                                                                                                                                     |              |      |             |        |                                |          |                                                                                       |  |
|-------------------------------------------------------------------------------------------------------------------------------------|--------------|------|-------------|--------|--------------------------------|----------|---------------------------------------------------------------------------------------|--|
| ITEM                                                                                                                                | NAME OF PART |      | NO. OF PART | Q'TY   | MATERIAL                       |          | NOTE                                                                                  |  |
| DWG.                                                                                                                                | LZW          | DATE | 21.12.10    | UNITS  | MM                             | SHEET/OF | 1/1                                                                                   |  |
| CHK.                                                                                                                                |              | DATE |             | SCALE  | 1:1                            | A4       |  |  |
| APP.                                                                                                                                |              | DATE |             |        | ULO-TB13-15KRZM/3.81-XXP-Y000A |          |                                                                                       |  |
|  NINGBO ULO ELECTRONICS CO.,LTD.<br>宁波欧路电子有限公司 |              |      |             | NAME   |                                |          |                                                                                       |  |
|                                                                                                                                     |              |      |             | DWGNO. | ULOTB13Y000A                   |          |                                                                                       |  |