

Note A: The LF means RoHS compliance, the housing will withstand exposure to peak temperature 260 degree C for 5 sec in the IR re-flow process.

- NOTES:
- SPECIFICATIONS**  
 Current Rating: 1A AC,DC  
 Voltage Rating: 125V AC,DC  
 Temperature Range: -40°C ~ +105°C  
 Contact Resistance: 20mΩ Max.  
 Insulation Resistance: 100MΩ Min.  
 Withstanding Voltage: 500V AC/minute
  - Material & finish:**  
 Housing: Natural Thermoplastic, UL94V-0  
 Contact and metal hold-down: Phosphor Bronze  
 Plating of contact: Matte Tin or gold on contact area, 100u"Min. Matte Tin on tail, 50u"Min. Ni overall as underplating  
 Plating of metal hold-down: 100u"Min. Matte Tin overall, 50u"Min. Nickel overall as underplating
  - Crimping application hand tool P/N: 10118656-1000
  - Ordering Information & Dimensions:

10114830- X X X XX LF

Material: LF: See note A

1: LCP Natural  
 Non Glow Wire Compatible  
 2: LCP Natural  
 Glow Wire Compatible  
 3: LCP Black  
 Glow Wire Compatible

Pin counts from 02~15

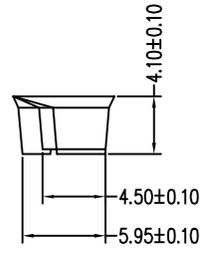
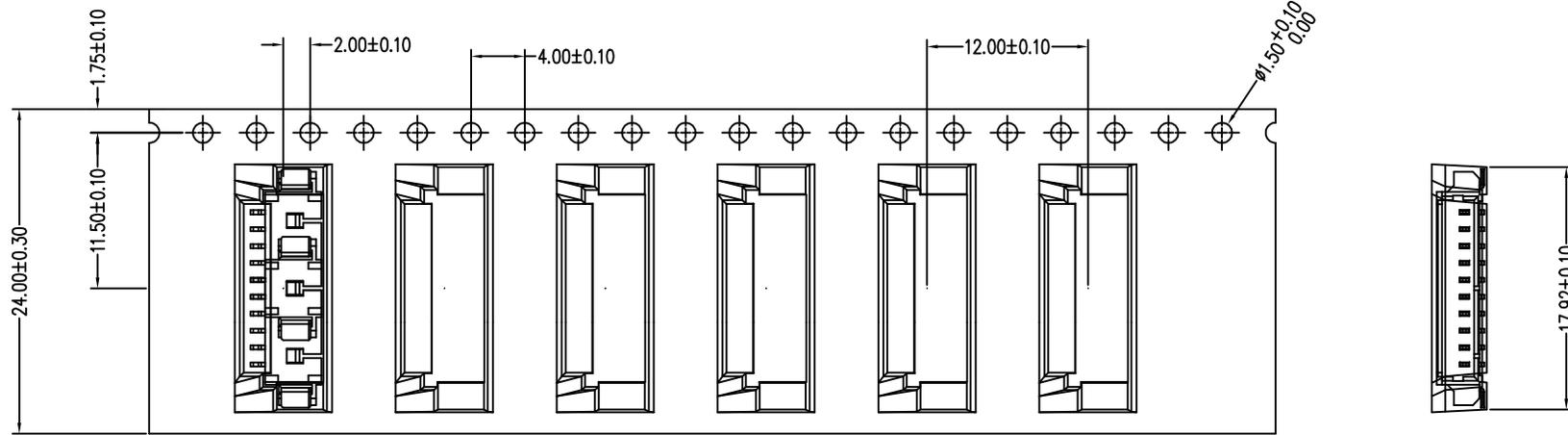
Packaging:  
 1: Tape & Reel  
 2: ESD Tape & Reel  
 3: Customized Tape & Reel(See page2)

Plating on contact:  
 0: Matte Tin 100u"  
 1: Gold Flash  
 2: Gold 15u"  
 3: Gold 30u"

| PART NO.         | Dimensions |            |       |       |
|------------------|------------|------------|-------|-------|
|                  | A          | B          | C     | D     |
| 10114830-xxx02LF | 4.25       | 1.25±0.10  | 4.94  | 3.05  |
| 10114830-xxx03LF | 5.50       | 2.50±0.10  | 6.19  | 4.30  |
| 10114830-xxx04LF | 6.75       | 3.75±0.15  | 7.44  | 5.55  |
| 10114830-xxx05LF | 8.00       | 5.00±0.10  | 8.69  | 6.80  |
| 10114830-xxx06LF | 9.25       | 6.25±0.15  | 9.94  | 8.05  |
| 10114830-xxx07LF | 10.50      | 7.50±0.15  | 11.19 | 9.30  |
| 10114830-xxx08LF | 11.75      | 8.75±0.15  | 12.44 | 10.55 |
| 10114830-xxx09LF | 13.00      | 10.00±0.15 | 13.69 | 11.80 |
| 10114830-xxx10LF | 14.25      | 11.25±0.20 | 14.94 | 13.05 |
| 10114830-xxx11LF | 15.50      | 12.50±0.20 | 16.19 | 14.30 |
| 10114830-xxx12LF | 16.75      | 13.75±0.20 | 17.44 | 15.55 |
| 10114830-xxx13LF | 18.00      | 15.00±0.20 | 18.69 | 16.80 |
| 10114830-xxx14LF | 19.25      | 16.25±0.20 | 19.94 | 18.05 |
| 10114830-xxx15LF | 20.50      | 17.50±0.20 | 21.19 | 19.30 |

|             |  |             |  |           |  |            |  |                          |  |
|-------------|--|-------------|--|-----------|--|------------|--|--------------------------|--|
| mat'l. code |  | surface     |  | tolerance |  | projection |  | product family           |  |
|             |  | ISO 1302    |  | ISO 406   |  | ISO 1101   |  | WTB                      |  |
| ltr         |  | ecn no      |  | dr        |  | date       |  | title                    |  |
| N           |  | ELX-N-42390 |  | Jason     |  | 9/18/21    |  | WTB 1.25MM WAFER 90° SMT |  |
| G           |  | ELX-N-21788 |  | TIM       |  | 08/27/15   |  |                          |  |
| H           |  | ELX-N-27088 |  | TONY      |  | 05/24/17   |  |                          |  |
| J           |  | ELX-N-27325 |  | TONY      |  | 06/26/17   |  |                          |  |
| K           |  | ELX-N-29884 |  | TONY      |  | 04/17/17   |  |                          |  |
| L           |  | ELX-N-30309 |  | TONY      |  | 05/28/18   |  |                          |  |
| M           |  | ELX-N-33890 |  | JASON     |  | 06/12/19   |  |                          |  |
| sheet       |  | revision    |  | N         |  |            |  |                          |  |
| index       |  | sheet       |  | 1         |  |            |  |                          |  |





Packing only for 10114830-XX310LF

NOTES:

1. The cumulative error of any 10 consecutive chain holes shall not exceed  $\pm 0.2\text{mm}$
2. The non-parallel dimensions within the range of 250mm in the direction of the belt length shall not exceed 1mm.
3. Material: PS; Color: Clear; Thickness: 0.30mm.
4. 13°Dis; 15.3M/R; 1200pcs/R.
5. Comply with ROHS requirements

|             |             |          |          |                                       |            |                          |  |                |  |
|-------------|-------------|----------|----------|---------------------------------------|------------|--------------------------|--|----------------|--|
| mat'l. code |             | surface  |          | tolerance                             |            | projection               |  | product family |  |
|             |             | ISO 1302 |          | ISO 406 ISO 1101                      |            |                          |  | WTB            |  |
| ltr         | ecn no      | dr       | date     | tolerances unless otherwise specified |            | title                    |  |                |  |
| N           | ELX-N-42390 | Jason    | 9/18/21  |                                       |            | WTB 1.25MM WAFER 90° SMT |  |                |  |
| G           | ELX-N-21788 | TIM      | 08/27/15 | angles                                | linear     | mm                       |  |                |  |
| H           | ELX-N-27088 | TONY     | 05/24/17 | 0°±2'                                 |            | scale 1:1                |  |                |  |
| J           | ELX-N-27325 | TONY     | 06/26/17 | dr                                    | JASON HSU  | 12/1/10                  |  | dwg no         |  |
| K           | ELX-N-29884 | TONY     | 04/17/17 | engr                                  | Jason Wang | 2021/9/18                |  | sheet 2 of 2   |  |
| L           | ELX-N-30309 | TONY     | 05/28/18 | chr                                   | -          | -                        |  | size           |  |
| M           | ELX-N-33890 | JASON    | 06/12/19 | appd                                  | Tim Yao    | 2021/9/18                |  | A3             |  |
| sheet       |             | revision |          |                                       |            |                          |  |                |  |
| index       |             | sheet    |          | 2                                     |            |                          |  |                |  |