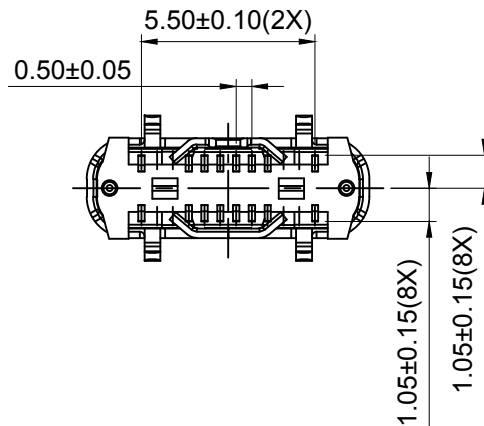
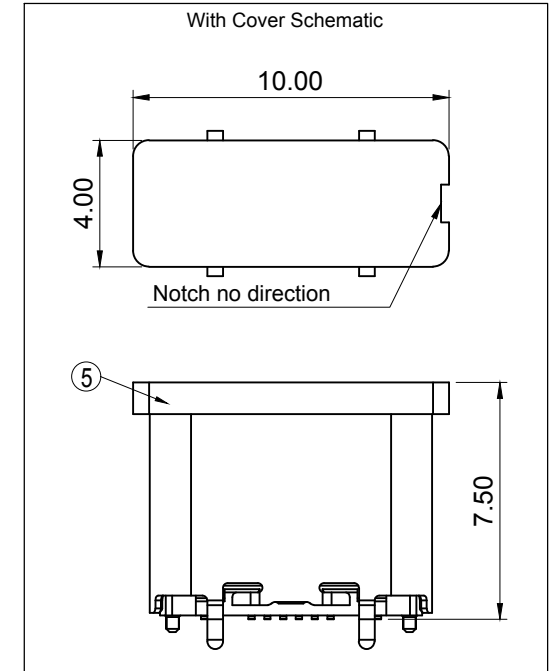
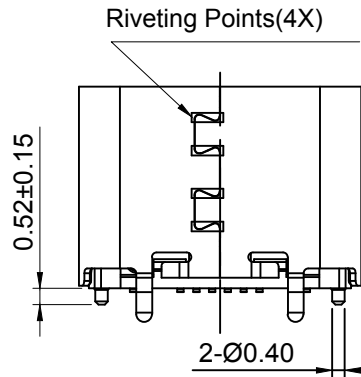
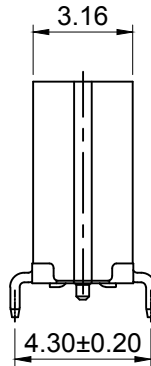
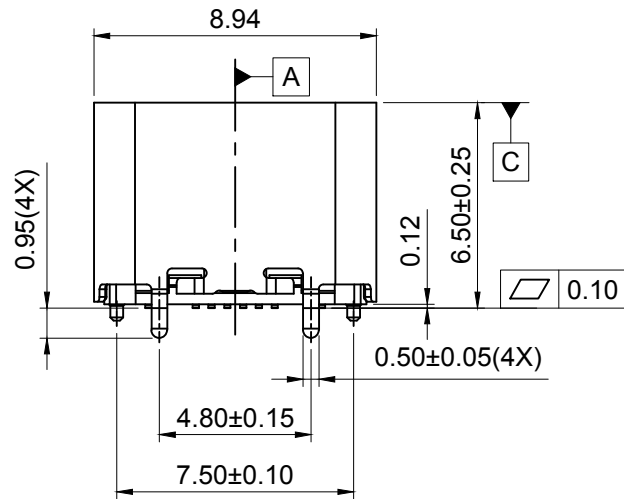
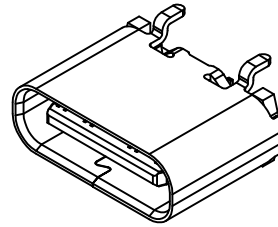
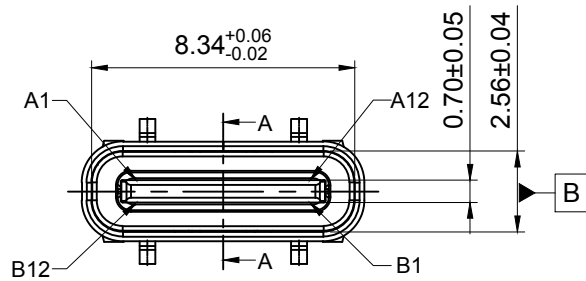


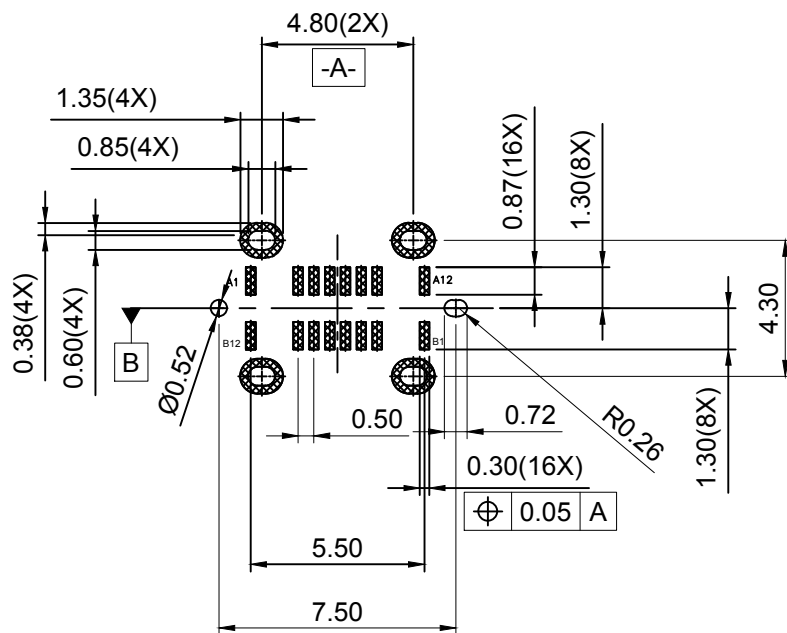
SECTION A-A

TYPE:

|     |                 |                   |                                                                                                     |      |
|-----|-----------------|-------------------|-----------------------------------------------------------------------------------------------------|------|
| 5   | CAP             | LCP UL94V-0       | Black                                                                                               | 1PCS |
| 4   | Shell           | SUS304 T=0.30mm   | Nickel 30u" Min Plating                                                                             | 1PCS |
| 3   | Shielding Plate | SUS301 T=0.15mm   | ---                                                                                                 | 1PCS |
| 2   | Contact         | C18400-H T=0.12mm | Au 3u"Plated On Vontact Area<br>GF Plated On Solder Area;<br>Nickel 30u"Min Under Plating Over All. | 2SET |
| 1   | Housing         | LCP UL94V-0       | Black                                                                                               | 1PCS |
| No. | Description     | Material          | Remarks                                                                                             | QTY  |

|                                                    |                        |          |                                                        |
|----------------------------------------------------|------------------------|----------|--------------------------------------------------------|
| <b>CJTconn</b> CHANGJIANG CONNECTORS CO.,LTD.      |                        |          |                                                        |
| Unit                                               | Scale                  | Sheet    | TITLE                                                  |
| mm                                                 | 1:1                    | 1 of 3   | USB TYPE C FEMALE 16PIN<br>VERTICAL TYPE SHELL H6.50mm |
| DRAWN                                              | CHK'D                  | APPR     |                                                        |
| Haisen Li                                          | Diankui Wan            | Jack Yin |                                                        |
| General Tolerances                                 | THIRD ANGLE PROJECTION |          |                                                        |
| x.xx±0.25<br>x.xx±0.20<br>x.xxx±0.15<br>ANGLES ±1° |                        |          |                                                        |
| DRAWING NO.                                        |                        |          | REV                                                    |
| CJ-CF136-16P                                       |                        |          | A0                                                     |

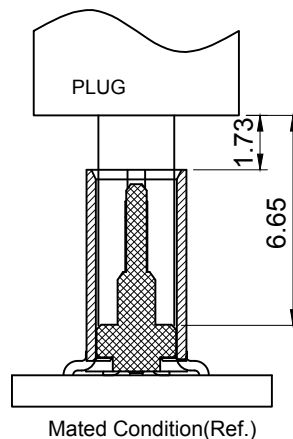
|     |             |            |
|-----|-------------|------------|
| A0  | NEW RELEASE | 2023.10.04 |
| REV | DESCRIPTION | DATE       |



Recommended PCB Layout(Top View)  
Thickness 0.8±0.10mm;Default Tolerance:±0.05

#### USB Type-C Pin Assignments

| Pin Number | Signal Name | Pin Number | Signal Name |
|------------|-------------|------------|-------------|
| A1         | GND         | B12        | GND         |
| A2         | ---         | B11        | ---         |
| A3         | ---         | B10        | ---         |
| A4         | VBUS        | B9         | VBUS        |
| A5         | CC1         | B8         | SBU2        |
| A6         | Dp1         | B7         | Dn2         |
| A7         | Dn1         | B6         | Dp2         |
| A8         | SBU1        | B5         | CC2         |
| A9         | VBUS        | B4         | VBUS        |
| A10        | ---         | B3         | ---         |
| A11        | ---         | B2         | ---         |
| A12        | GND         | B1         | GND         |



|     |             |            |
|-----|-------------|------------|
| A0  | NEW RELEASE | 2023.10.04 |
| REV | DESCRIPTION | DATE       |

#### SPECIFICATIONS:

- ELECTRICAL PERFORMANCE,
  - CURRENT RATING:5 AMPS. FOR TOTAL VBUS/GND PINS;  
1.25AMPS FOR CC PIN,  
0.25 AMPS. FOR ALL OTHER CONTACT.
  - VOLTAGE RATING:20V DC/AC (RMS. MAX)
  - CONTACT RESISTANCE: 40MΩ MAX INITIAL.  
50MΩ MAX AFTER TEST
  - DIELECTRIC WITHSTANDING VOLTAGE: 100V AC
  - INSULATION RESISTANCE:100MΩ MIN
- MECHANICAL PERFORMANCE,
  - INSERTION FORCE: 5~20N.
  - EXTRACTION FORCE: 8~20N.
  - DURABILITY: 10000 CYCLES.
- ENVIRONMENTAL PERFORMANCE:
  - OPERATING TEMPERATURE: -25°C~+85°C.
- IR REFLOW:
  - THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.
- COMPLIANCE WITH ROHS & HF REQUIREMENTS.
- SALT SPRAY:48H

#### Ordering Information:

CJ-CF136 - 16P - \*\*\* - \*\*\*  
1 2 3

1.Part NO.

2.Finish:

(Blank): Select Gold:3μin[0.076μm]Min.

Select Reflowed Gold Flash: 0.6μin[0.015μm] Min

Overall Nickel Underplate: 30μin[0.76μm Min.

G15: Select Gold:15μin[0.38μm]Min.

Select reflowed matte tin: 80μin[2.03μm] Min

Overall Nickel Underplate: 30μin[0.76μm Min.

G30: Select Gold:30μin[0.76μm]Min.

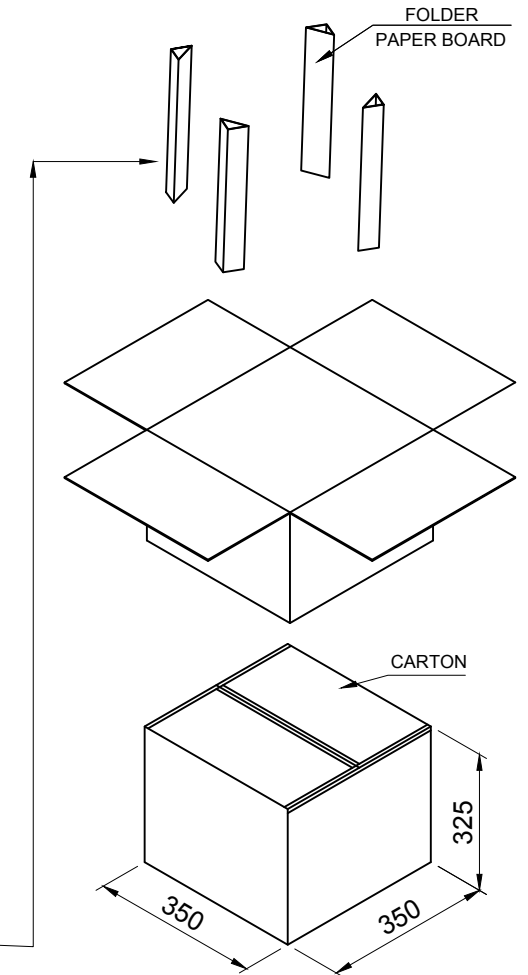
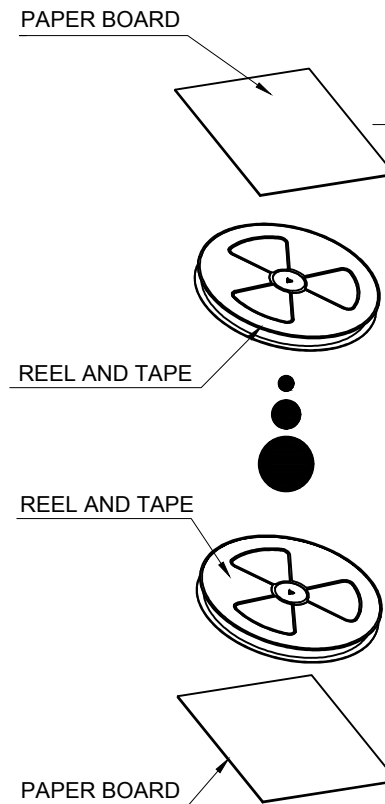
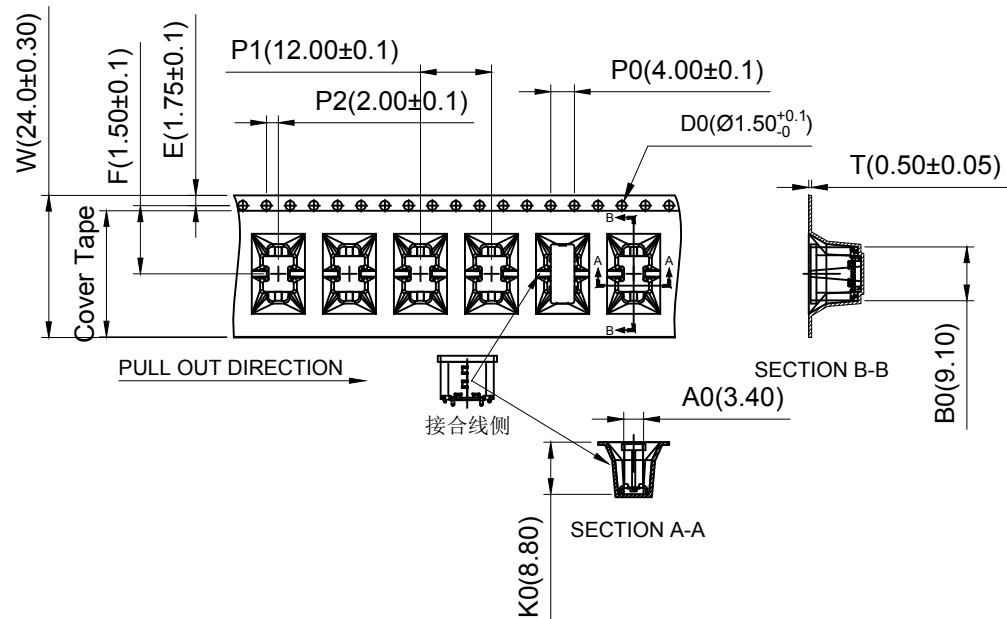
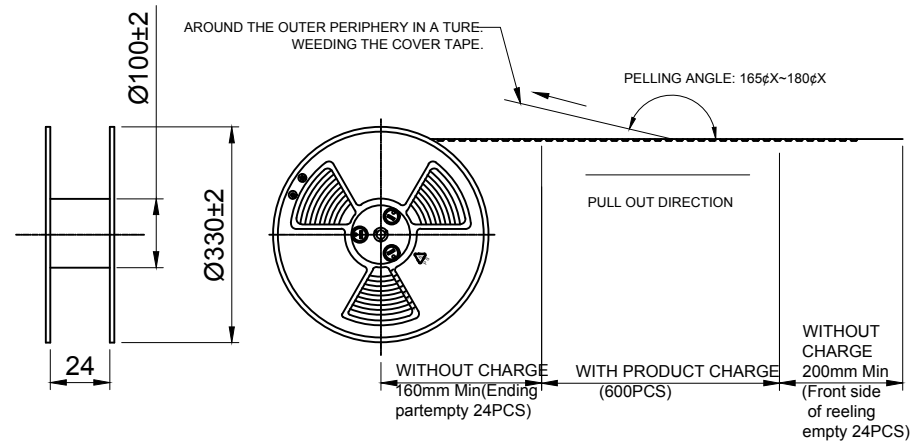
Select reflowed matte tin: 80μin[2.03μm] Min Overall

Nickel Underplate: 30μin[0.76μm Min.

3.Packing:

(Blank): Tape & Reel Cap

| <b>CJTconn</b>                                     |                      |                                                                                       | CHANGJIANG CONNECTORS CO.,LTD.                         |           |
|----------------------------------------------------|----------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------|-----------|
| Unit                                               | Scale                | Sheet                                                                                 | TITLE                                                  |           |
| mm                                                 | 1:1                  | 2 of 3                                                                                | USB TYPE C FEMALE 16PIN<br>VERTICAL TYPE SHELL H6.50mm |           |
| DRAWN<br>Haisen Li                                 | CHK'D<br>Diankui Wan | APPR<br>Jack Yin                                                                      |                                                        |           |
| General Tolerances                                 |                      | THIRD ANGLE<br>PROJECTION                                                             | DRAWING NO.                                            | REV<br>A0 |
| x.xx±0.25<br>x.xx±0.20<br>x.xxx±0.15<br>ANGLES ±1° |                      |                                                                                       |                                                        |           |
|                                                    |                      |  | CJ-CF136-16P                                           |           |



|                 | REEL | CARTON |
|-----------------|------|--------|
| CONNECTOR (PCS) | 600  | 6000   |

|                                                      |             |                                                                                       |                                                        |
|------------------------------------------------------|-------------|---------------------------------------------------------------------------------------|--------------------------------------------------------|
| <b>CJTconn</b> CHANGJIANG CONNECTORS CO.,LTD.        |             |                                                                                       |                                                        |
| Unit                                                 | Scale       | Sheet                                                                                 | TITLE                                                  |
| mm                                                   | 1:1         | 3 of 3                                                                                |                                                        |
| DRAWN                                                | CHK'D       | APPR                                                                                  |                                                        |
| Haisen Li                                            | Diankui Wan | Jack Yin                                                                              | USB TYPE C FEMALE 16PIN<br>VERTICAL TYPE SHELL H6.50mm |
| General Tolerances                                   |             | THIRD ANGLE PROJECTION                                                                |                                                        |
| x.xx±0.25<br>x.xxx±0.20<br>x.xxxx±0.15<br>ANGLES ±1° |             |  |                                                        |
|                                                      |             |                                                                                       |                                                        |
| DRAWING NO.                                          |             |                                                                                       | REV<br>A0                                              |
| CJ-CF136-16P                                         |             |                                                                                       |                                                        |