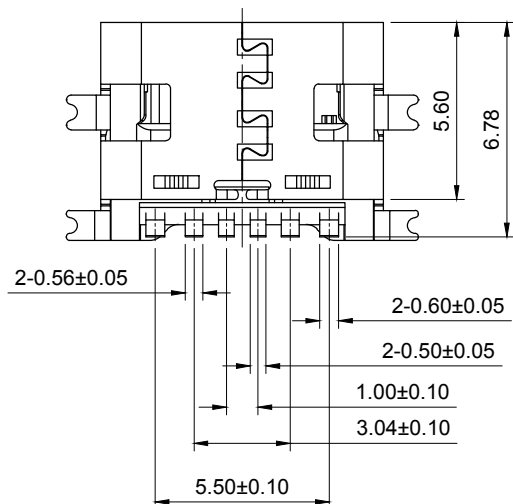
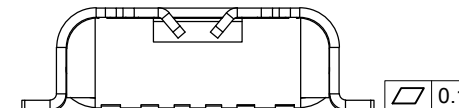
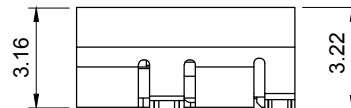
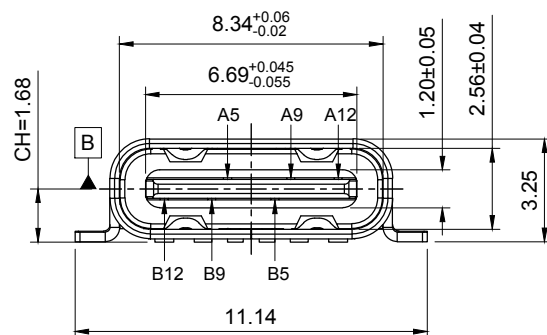
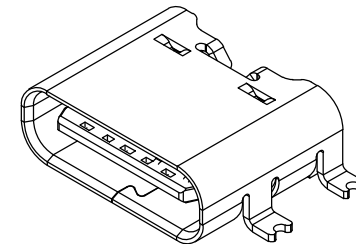
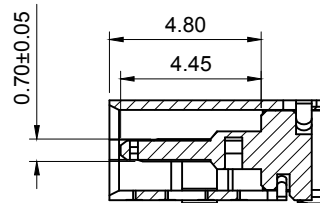
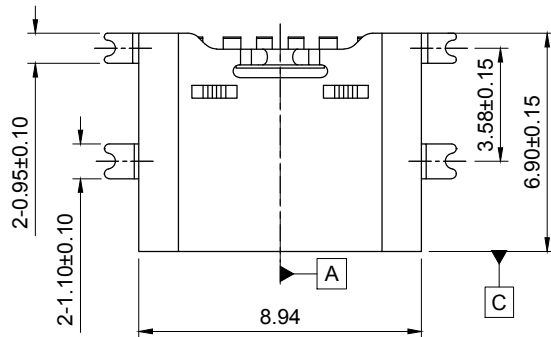


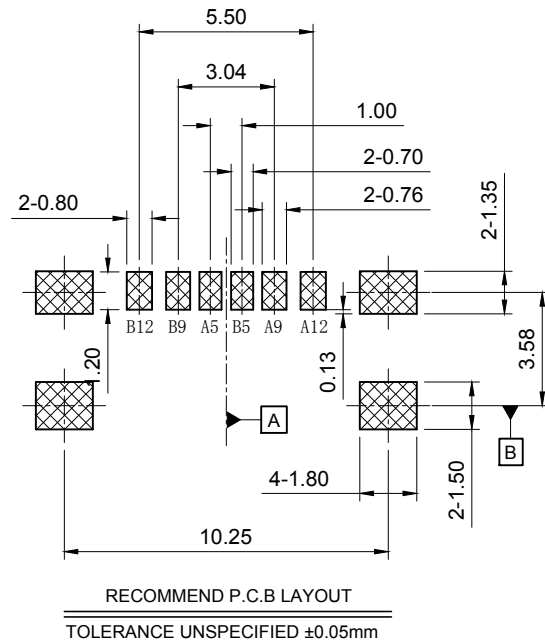
TYPE:

| 4   | Shell           | SUS304 T=0.30mm | Nickel 30u" Min Plating                                                                             | 1PCS |
|-----|-----------------|-----------------|-----------------------------------------------------------------------------------------------------|------|
| 3   | Shielding Plate | SUS301 T=0.15mm | ---                                                                                                 | 1PCS |
| 2   | Contact         | C2680 T=0.20mm  | Au 1u"Plated On Vontact Area<br>GF Plated On Solder Area;<br>Nickel 50u"Min Under Plating Over All. | 1SET |
| 1   | Housing         | LCP UL94V-0     | Black                                                                                               | 1PCS |
| No. | Description     | Material        | Remarks                                                                                             | QTY  |

**CJTconn** CHANGJIANG CONNECTORS CO.,LTD.

| Unit                                               | Scale               | Sheet                     | TITLE                                               |     |
|----------------------------------------------------|---------------------|---------------------------|-----------------------------------------------------|-----|
| mm                                                 | 1:1                 | 1 of 3                    | USB Type C Female 6Pin<br>Top-Mount Type SMT CH1.68 |     |
| DRAWN<br>Haisen Li                                 | CHKD<br>Diankui Wan | APPR<br>Jack Yin          |                                                     |     |
| General Tolerances                                 |                     | THIRD ANGLE<br>PROJECTION | DRAWING NO.                                         | REV |
| x.xx±0.25<br>x.xx±0.20<br>x.xxx±0.15<br>ANGLES ±1° |                     |                           | CJ-CF206-002-6P                                     | A0  |

| A0  | NEW RELEASE | 2022.09.19 |
|-----|-------------|------------|
| REV | DESCRIPTION | DATE       |



USB Type-C Pin Assignments

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

SPECIFICATIONS:

- ELECTRICAL PERFORMANCE,
  - CURRENT RATING:3 AMPS. FOR TOTAL VBUS/GND PINS;  
1.25AMPS FOR CC PIN,  
0.25 AMPS. FOR ALL OTHER CONTACT.
  - VOLTAGE RATING:20 V 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:24H

Ordering Information:

CJ-CF109 - 6P - \*\*\* - \*\*\*  
1 2 3

1.Part NO.

2.Finish:

(Blank): Select Gold:1μin[0.025μm]Min.

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

Overall Nickel Underplate: 50μin[1.25μm] 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.

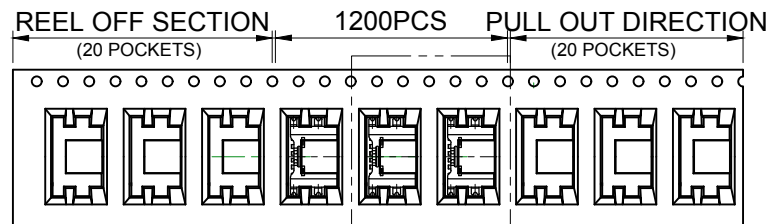
Select reflowed matte tin: 80μin[2.03μm] Min Overall

Nickel Underplate: 30μin[0.76μm] Min.

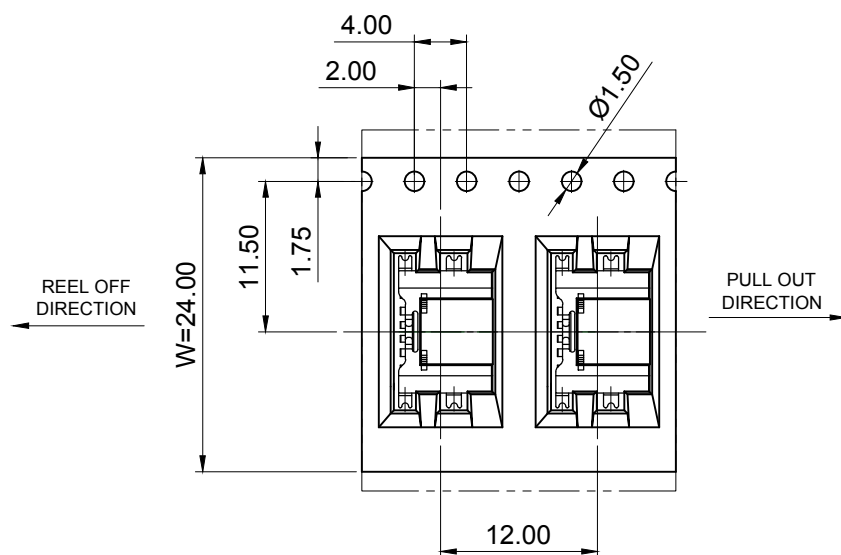
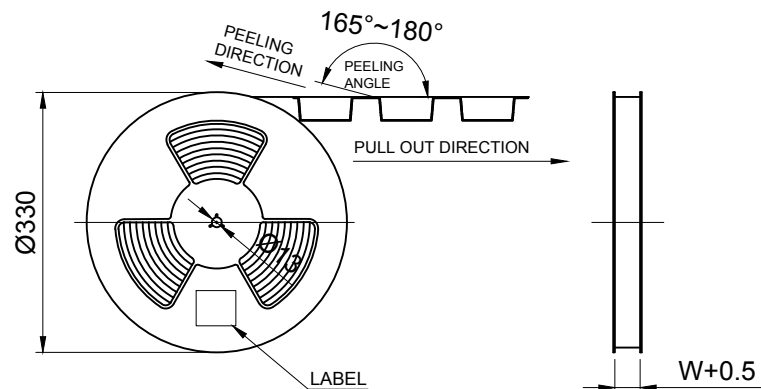
3.Packing:

(Blank): Tape & Reel

|                                                    |             |                        |                                                     |
|----------------------------------------------------|-------------|------------------------|-----------------------------------------------------|
| <b>CJTconn</b> CHANGJIANG CONNECTORS CO.,LTD.      |             |                        |                                                     |
| Unit                                               | Scale       | Sheet                  | TITLE                                               |
| mm                                                 | 1:1         | 2 of 3                 | USB Type C Female 6Pin<br>Top-Mount Type SMT CH1.68 |
| DRAWN                                              | CHKD        | 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.            |                                                     |
| A0                                                 |             | NEW RELEASE            |                                                     |
| REV                                                |             | DESCRIPTION            |                                                     |
| 2022.09.19                                         |             | DATE                   |                                                     |
|                                                    |             | CJ-CF206-002-6P        |                                                     |
|                                                    |             | REV A0                 |                                                     |



SEE DETAIL X



PAPER BOARD

REEL AND TAPE

REEL AND TAPE

PAPER BOARD

FOLDER PAPER BOARD

CARTON

|                 | REEL | CARTON |
|-----------------|------|--------|
| CONNECTOR (PCS) | 1200 | 10800  |

**CJTconn** CHANGJIANG CONNECTORS CO.,LTD.

| Unit                                               | Scale       | Sheet                  | TITLE                                               |
|----------------------------------------------------|-------------|------------------------|-----------------------------------------------------|
| mm                                                 | 1:1         | 3 of 3                 | USB Type C Female 6Pin<br>Top-Mount Type SMT CH1.68 |
| DRAWN                                              | CHKD        | APPR                   |                                                     |
| Haisen Li                                          | Diankui Wan | Jack Yin               |                                                     |
| General Tolerances                                 |             | THIRD ANGLE PROJECTION | DRAWING NO.                                         |
| x.xx±0.25<br>x.xx±0.20<br>x.xxx±0.15<br>ANGLES ±1° |             |                        | CJ-CF206-002-6P                                     |
|                                                    |             |                        | REV                                                 |
|                                                    |             |                        | A0                                                  |

| REV | DESCRIPTION | DATE       |
|-----|-------------|------------|
| A0  | NEW RELEASE | 2022.09.19 |