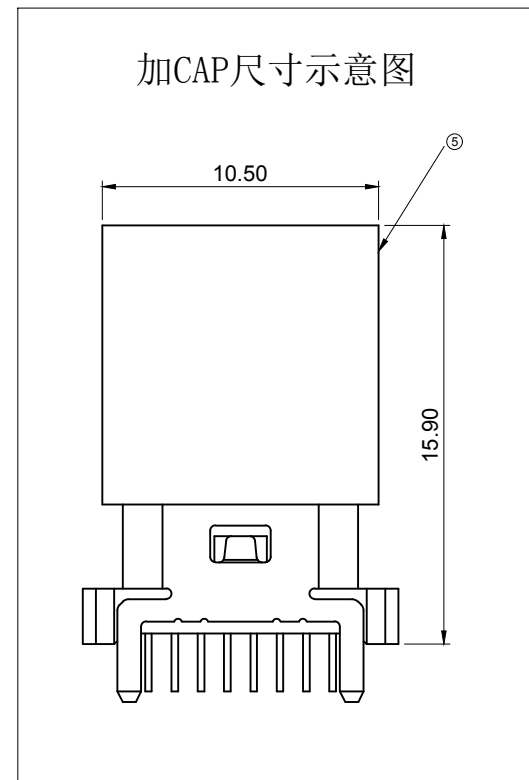
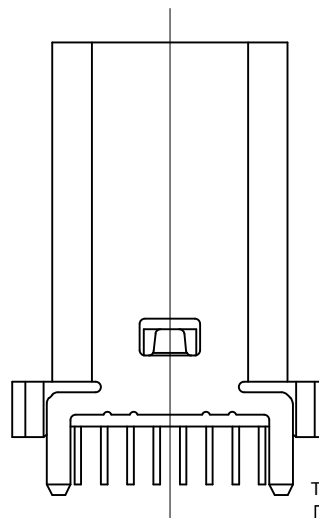
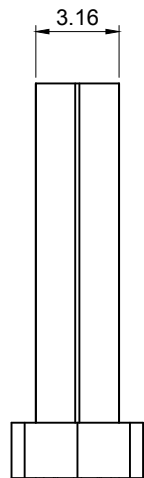
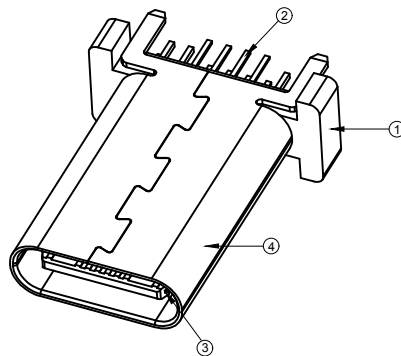
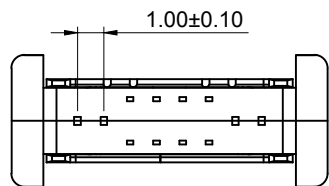
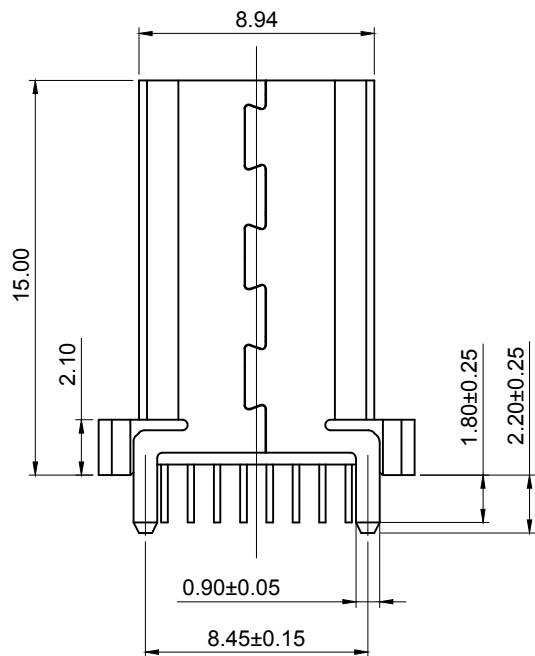
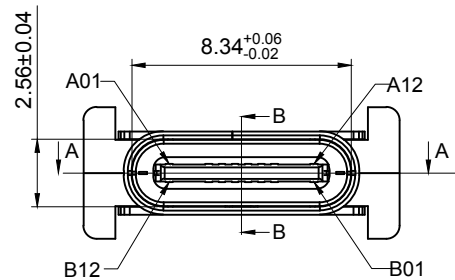




TYPE:

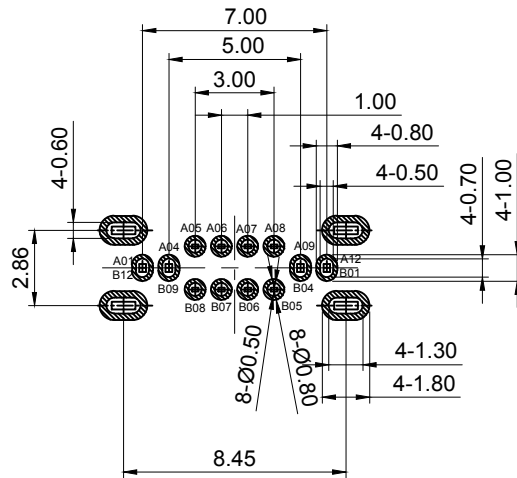
5	CAP	LCP UL94V-0	Black	1PCS
4	Shell	SUS304 T=0.30mm	Nickel 30u" Min Plating	1PCS
3	Shielding Plate	SUS301 T=0.15mm	---	1PCS
2	Contact	C7025 T=0.12mm	Au 1u" Plated On Vcontact Area GF Plated On Solder Area; Nickel 50u" Min Under Plating Over All.	2SET
1	Housing	LCP UL94V-0	Black	1PCS
No.	Description	Material	Remarks	QTY

CJTconn

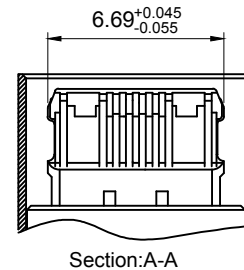
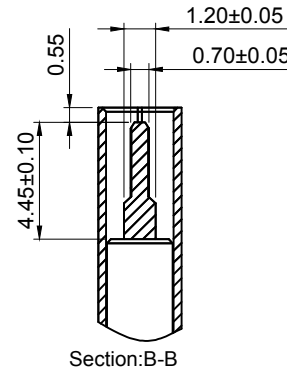
CHANGJIANG CONNECTORS CO.,LTD.

Unit	Scale	Sheet	TITLE	
mm	1:1	1 of 3	USB TYPE C FEMALE 16PIN VERTICAL TYPE SHELL H15.00mm	
DRAWN	CHK'D	APPR		
Haisen Li	Diankui Wan	Jack Yin	DRAWING NO.	
General Tolerances		THIRD ANGLE PROJECTION	CJ-CF116-048-16P	
x.xx±0.25 x.xxx±0.20 x.xxxx±0.15 ANGLES ±1°		REV A0		

REV	DESCRIPTION	DATE
A0	NEW RELEASE	2023.05.03



RECOMMENDED P.C.B. LAYOUT (俯视图)
TOLERANCE UNSPECIFIED $\pm 0.05\text{mm}$



SPECIFICATIONS:

- 1.ELECTRICAL PERFORMANCE,
 - 1-1. CURRENT RATING:5 AMPS. FOR TOTAL VBUS/GND PINS;
1.25AMPS FOR CC PIN,
0.25 AMPS. FOR ALL OTHER CONTACT.
 - 1-2. VOLTAGE RATING:20V DC/AC (RMS. MAX)
 - 1-3. CONTACT RESISTANCE: 40MΩ MAX INITIAL.
50MΩ MAX AFTER TEST
 - 1-4.DIELECTRIC WITHSTANDING VOLTAGE: 100V AC
 - 1-5.INSULATION RESISTANCE:100MΩ MIN
- 2.MECHANICAL PERFORMANCE,
 - 2-1.INSERTION FORCE: 5~20N.
 - 2-2.EXTRACTION FORCE: 8~20N.
 - 2-3.DURABILITY: 10000 CYCLES.
- 3.ENVIRONMENTAL PERFORMANCE:
 - OPERATING TEMPERATURE: -25°C~+85°C.
- 4.IR REFLOW:
 - THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.
- 5.COMPLIANCE WITH ROHS & HF REQUIREMENTS.
- 6.SALT SPRAY:48H

Ordering Information:

CJ-CF116-048 - 16P - *** - ***
1 2 3

1.Part NO.

2.Finish:

(Blank): Select Gold:1μin[0.076μm]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.

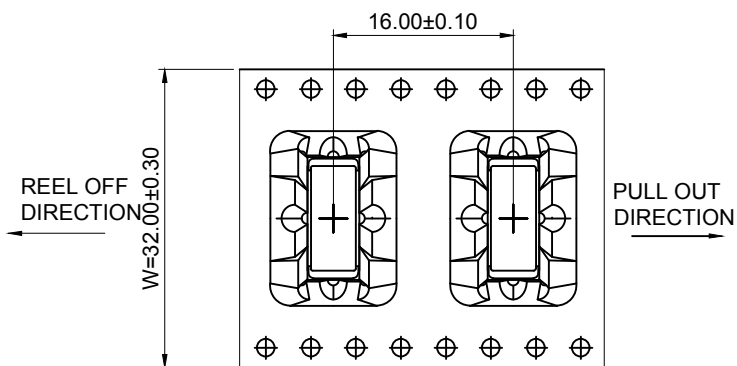
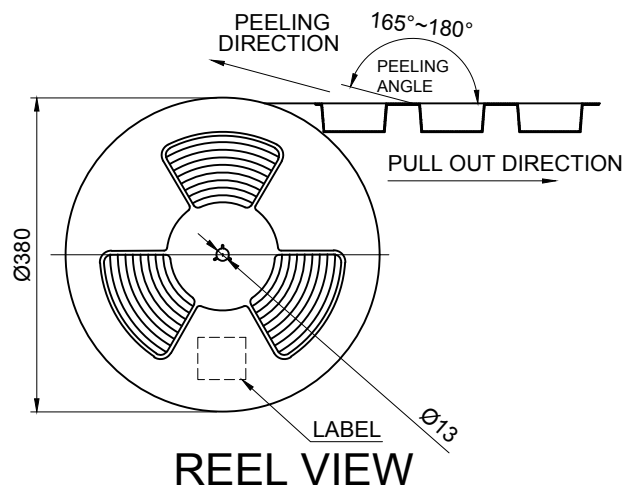
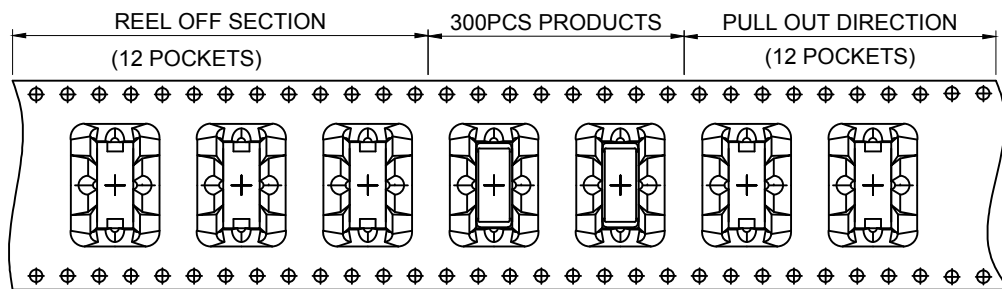
3.Packing:

(Blank): Tape & Reel Cap

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

CJTconn CHANGJIANG CONNECTORS CO.,LTD.			
Unit	Scale	Sheet	TITLE
mm	1:1	2 of 3	USB TYPE C FEMALE 16PIN VERTICAL TYPE SHELL H15.00mm
DRAWN	CHK'D	APPR	
Haisen Li	Diankui Wan	Jack Yin	
General Tolerances		THIRD ANGLE PROJECTION	
x.xx±0.25 x.xx±0.20 x.xxx±0.15 ANGLES ±1°		DRAWING NO. CJ-CF116-048-16P	
A0	NEW RELEASE	2023.05.03	REV A0
REV	DESCRIPTION	DATE	



PAPER BOARD

REEL AND TAPE

REEL AND TAPE

PAPER BOARD

FOLDER
PAPER BOARD

CARTON

	REEL	CARTON
CONNECTOR (PCS)	300	2400

CJTconn CHANGJIANG CONNECTORS CO.,LTD.			
Unit	Scale	Sheet	TITLE
mm	1:1	3 of 3	USB TYPE C FEMALE 16PIN VERTICAL TYPE SHELL H15.00mm
DRAWN	CHK'D	APPR	
Haisen Li	Diankui Wan	Jack Yin	
General Tolerances		THIRD ANGLE PROJECTION	
x.xx±0.25 x.xxx±0.20 x.xxxx±0.15 ANGLES ±1°		DRAWING NO.	
A0		NEW RELEASE	
REV		DESCRIPTION	
		DATE	
		CJ-CF116-048-16P	
		REV A0	