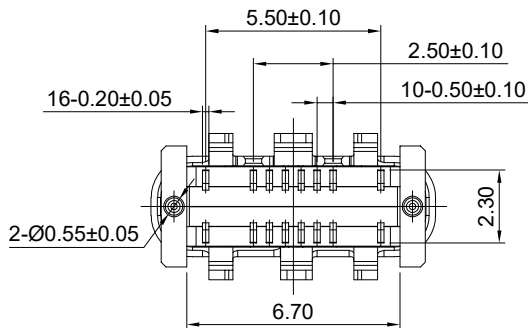
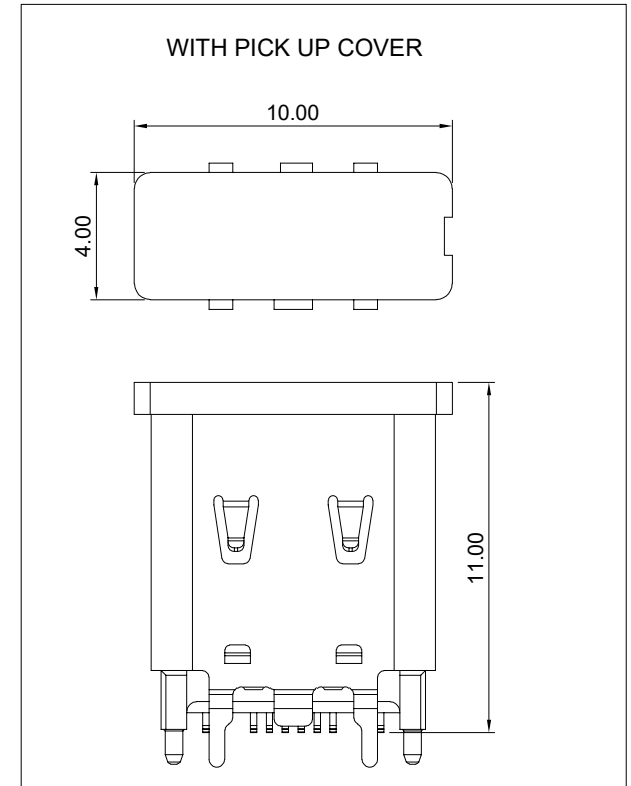
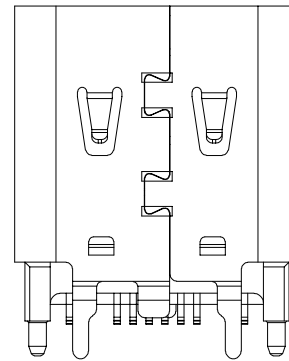
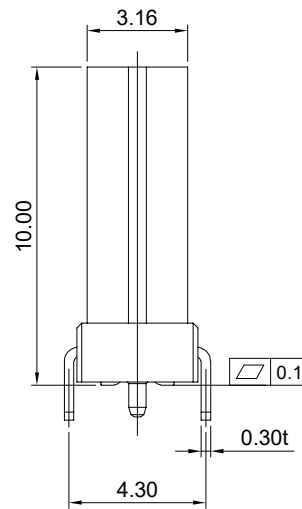
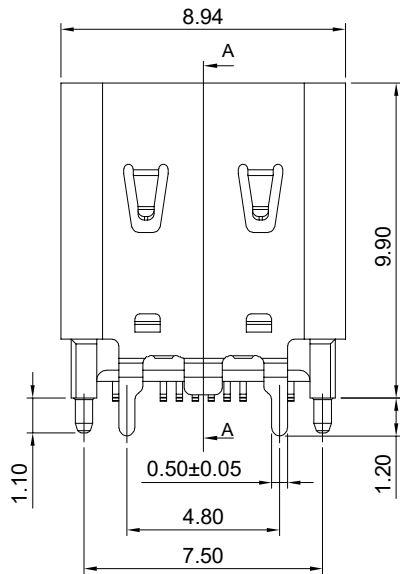
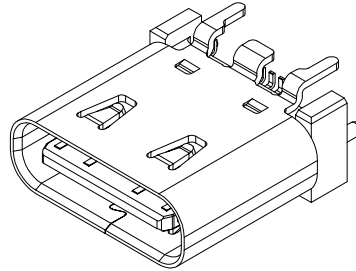
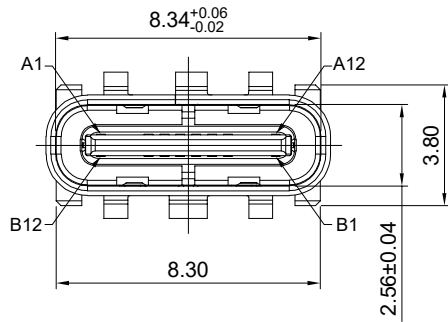


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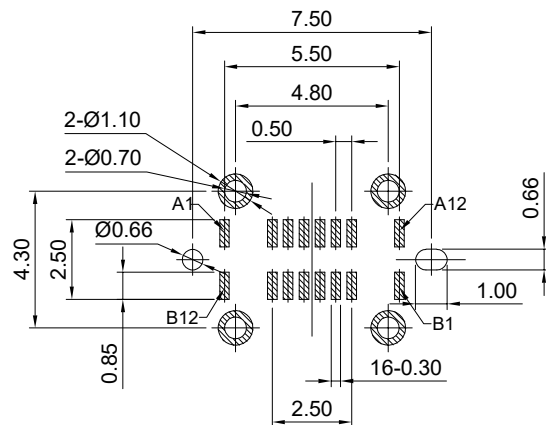
5	CAP	LCP UL94V-0	Black	1PCS
4	Shell	SUS304 T=0.30mm	Nickel 30u" Min Plating	1PCS
3	Shielding Plate	SUS301 T=0.15mm	---	1PCS
2	Contact	C18400-H T=0.12mm	Au 3u"Plated On Vontact Area Tin 60u" Plated On Solder Area; Nickel 50u"Min Under Plating Over All.	2SET
1	Housing	LCP UL94V-0	Black	1PCS
No.	Description	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 H10.0mm
DRAWN	CHK'D	APPR	
Haisen Li	Diankui Wan	Jack Yin	
General Tolerances			THIRD ANGLE PROJECTION
x.x±0.25 x.xx±0.20 x.xxx±0.15 ANGLES ±1°			
DRAWING NO.			REV
CJ-CF116-012-16P			A0

A0	NEW RELEASE	2022.06.15
REV	DESCRIPTION	DATE

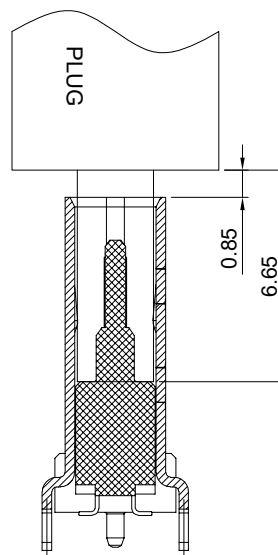


RECOMMEND P.C.B LAYOUT (COMPONENT SIDE)

TOLERANCE FOR PCB LAYOUT IS ± 0.05

USB Type-C Pin Assignments

Pin Number	Signal Name	Pin Number	Signal Name
A1	GND	B12	GND
---	---	---	---
---	---	---	---
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
---	---	---	---
---	---	---	---
A12	GND	B1	GND



AFTER MATING

REV	DESCRIPTION	DATE
A0	NEW RELEASE	2022.06.15

SPECIFICATIONS:

- ELECTRICAL PERFORMANCE,
 - CURRENT RATING: 5 AMPS. FOR TOTAL VBUS/GND PINS;
1.25 AMPS 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-CF116-012 - 16P - *** - ***
1 2 3

1. Part NO.

2. Finish:

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

Select Reflowed Matte Tin: 60μin[1.50μm] Min

Overall Nickel Underplate: 50μin[1.25μm] Min.

G15: Select Gold: 15μin[0.38μm] Min.

Select Reflowed Matte Tin: 60μin[1.50μm] Min

Overall Nickel Underplate: 50μin[1.25μm] Min.

G30: Select Gold: 30μin[0.76μm] Min.

Select Reflowed Matte Tin: 60μin[1.50μm] Min

Overall Nickel Underplate: 50μin[1.25μm] Min.

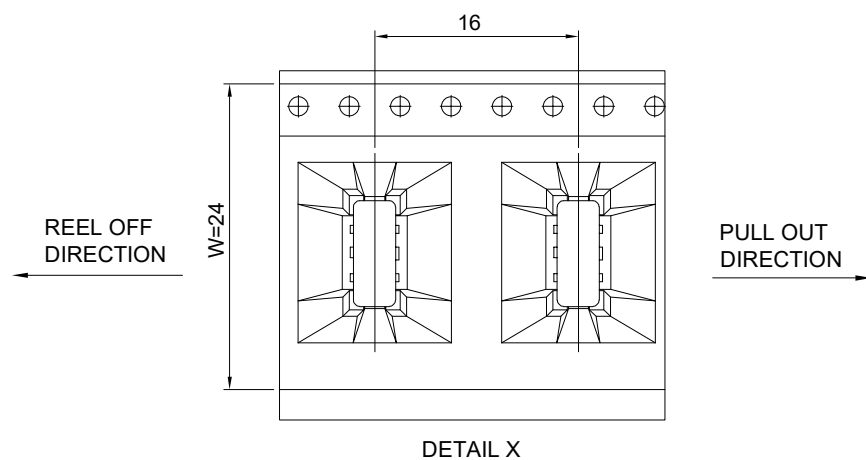
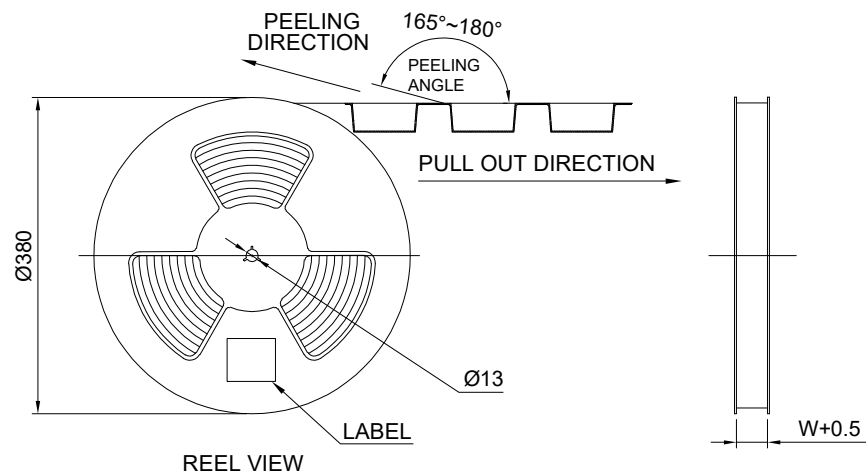
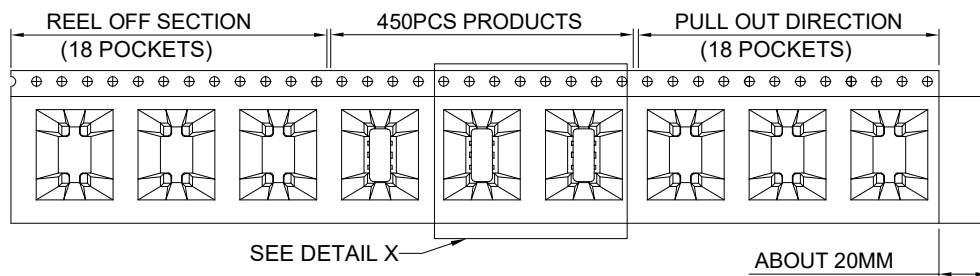
3. Packing:

(Blank): Tape & Reel Cap

CJTconn

CHANGJIANG CONNECTORS CO., LTD.

Unit	Scale	Sheet	TITLE	
mm	1:1	2 of 3		
DRAWN	CHK'D	APPR	USB TYPE C FEMALE 16PIN VERTICAL TYPE SHELL H10.0mm	
Haisen Li	Diankui Wan	Jack Yin		
General Tolerances		THIRD ANGLE PROJECTION	DRAWING NO.	REV A0
x.xx±0.25 x.xxx±0.20 x.xxxx±0.15 ANGLES ±1°				



PAPER BOARD

REEL AND TAPE

REEL AND TAPE

PAPER BOARD

FOLDER
PAPER BOARD

CARTON

	REEL	CARTON
CONNECTOR (PCS)	450	4500

CJTconn CHANGJIANG CONNECTORS CO.,LTD.			
Unit	Scale	Sheet	TITLE
mm	1:1	3 of 3	USB TYPE C FEMALE 16PIN VERTICAL TYPE SHELL H10.0mm
DRAWN	CHK'D	APPR	
Haisen Li	Diankui Wan	Jack Yin	
General Tolerances			THIRD ANGLE PROJECTION
x.xx±0.25 x.xxx±0.20 x.xxx±0.15 ANGLES ±1°			
DRAWING NO.			REV
CJ-CF116-012-16P			A0

A0	NEW RELEASE	2022.06.15
REV	DESCRIPTION	DATE