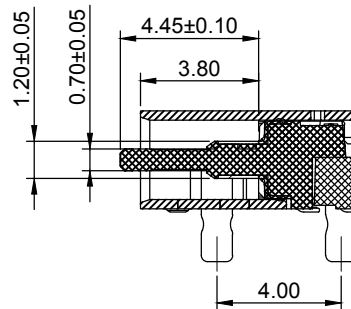
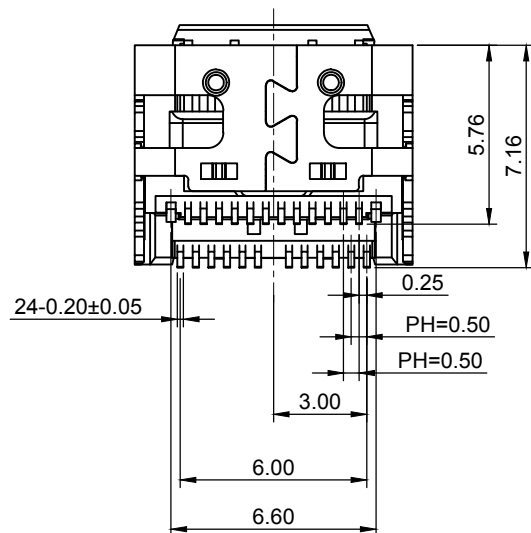
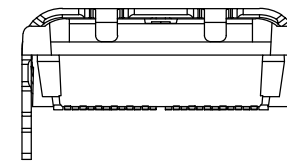
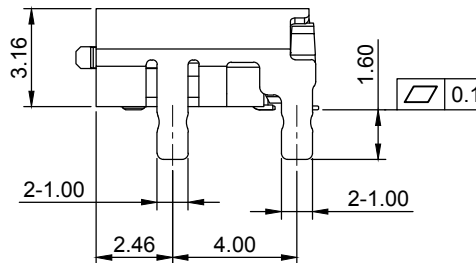
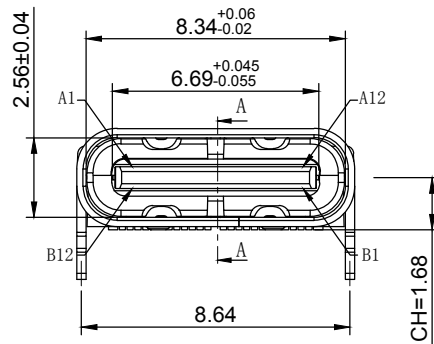
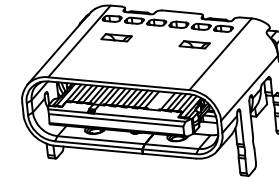
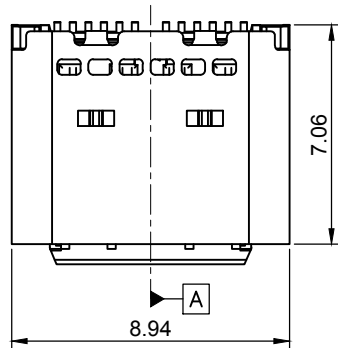




SECTION:A-A

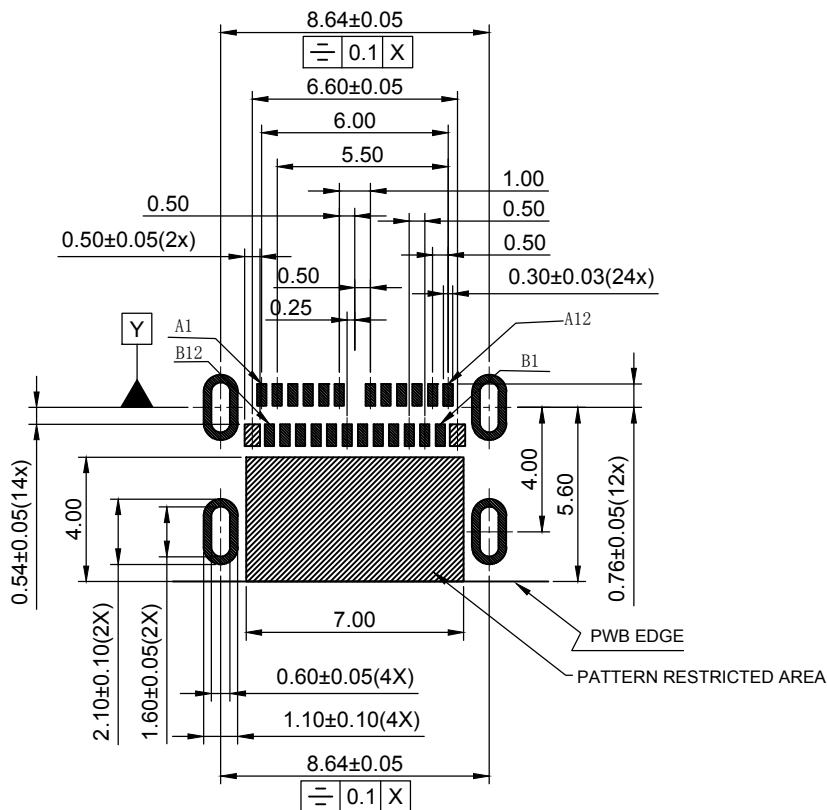
TABLE:

7	SHELL	1	SUS304 T=0.30	Ni 30u" MIN. UNDER PLATED OVER ALL.
6	EMI	1	SUS304 T=0.10	Ni 30u" MIN. UNDER PLATED OVER ALL.
5	SHIELDING PLATE	1	SUS301 T=0.15	Ni 30u" MIN. UNDER PLATED OVER ALL. Sn 80u"MIN. PLATED OVER ALL
4	INSULATOR 2	1	LCP UL94V-0	COLOR:BLACK
3	INSULATOR 1	1		
2	Down CONTACT	12	C18400 T=0.12	Ni 50u" MIN. UNDER PLATED OVER ALL
1	TOP CONTACT	12		Au 3u"PLATED ON CONTACT, GF PLATED ON SOLDERING
No.	PART NAME	Q'TY	MATERIAL	FINISH

CJTconn CHANGJIANG CONNECTORS CO.,LTD.

Unit	Scale	Sheet	TITLE	
mm	1:1	1 of 3	USB TYPE-C FEMALE 24PIN TOP MOUNT DOUBLE SMT TAIL	
DRAWN	CHK'D	APPR		
Haisen Li	Diankui Wan	Jack Yin		
General Tolerances		THIRD ANGLE PROJECTION	DRAWING NO. CJ-CF224-007-24P	REV A0
x.xx±0.25 x.xx±0.20 x.xxx±0.15 ANGLES ±1°				

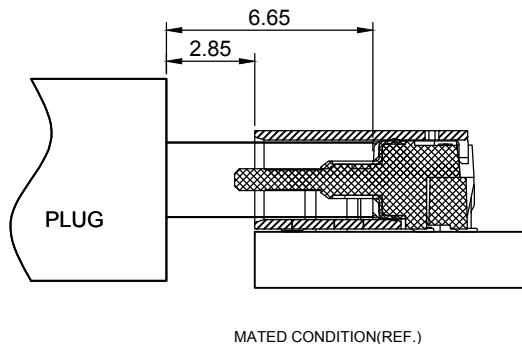
A0	NEW RELEASE	2022.04.13
REV	DESCRIPTION	DATE



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
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
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	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND



MATED CONDITION (REF.)

REV	DESCRIPTION	DATE
A0	NEW RELEASE	2022.04.13

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)
 - Lcr:
 - VBUS & GND Pins And Other Pins: 40mΩ/Pin Max. Shield: 50mΩ/Max.
 - Lcr max. Change of All Pins: 10mΩ.
 - Insulation Resistance: 100MΩ Min
 - Dielectric Withstand Voltage, AC 100V For 1 Minute.
- 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 Requirements.
- Salt Spray: 48H

Ordering Information:

CJ-CF224-007 - 24P - *** - ***
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.

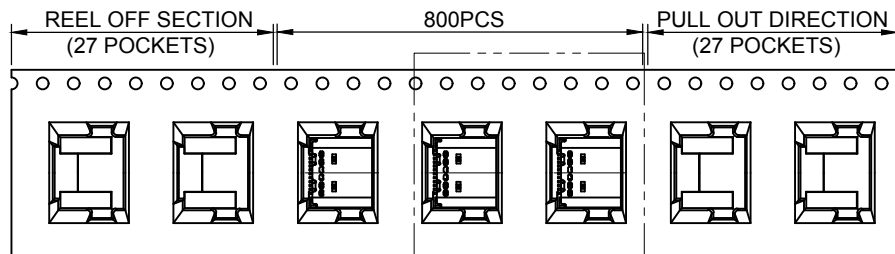
G30: Select Gold: 30μin[0.76μm] Min.

Select reflowed matte tin: 80μin[2.03μm] Min Overall
Nickel Underplate: 30μin[0.76μm] Min.

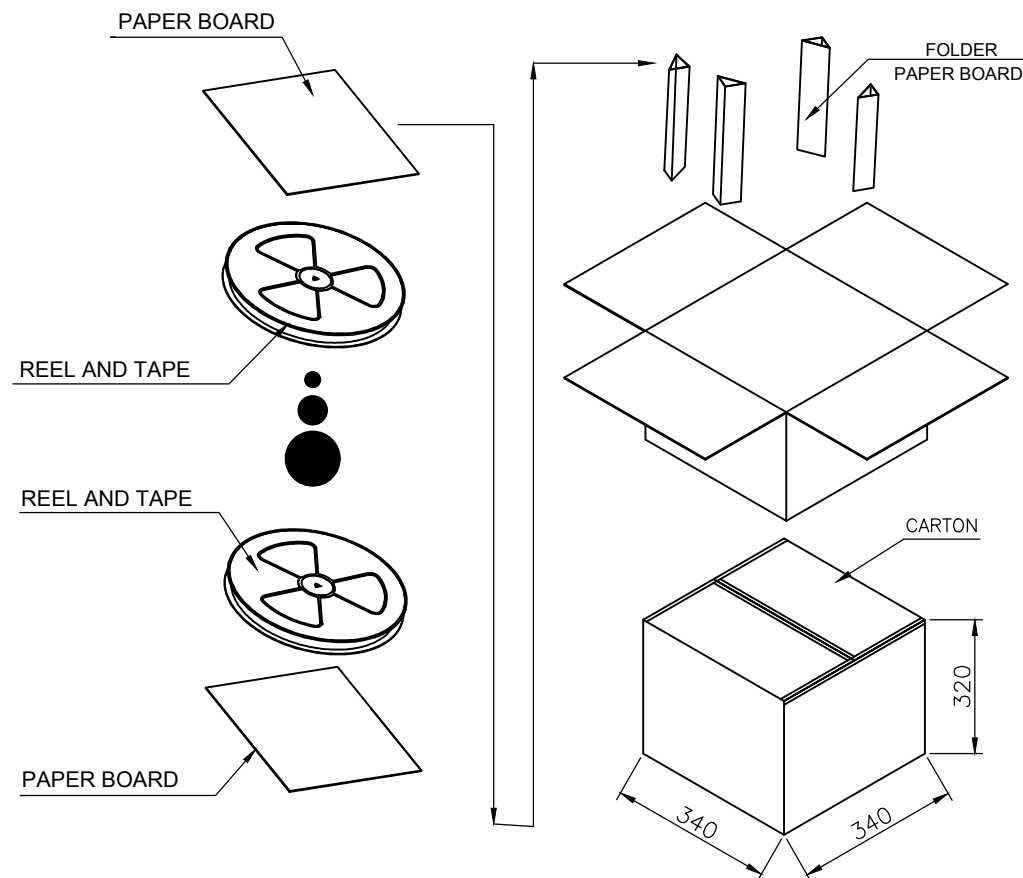
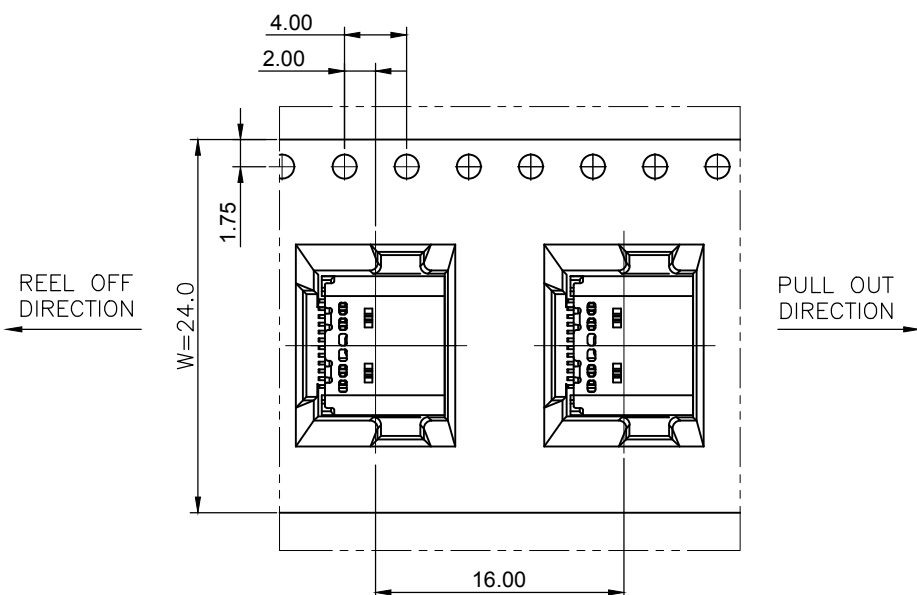
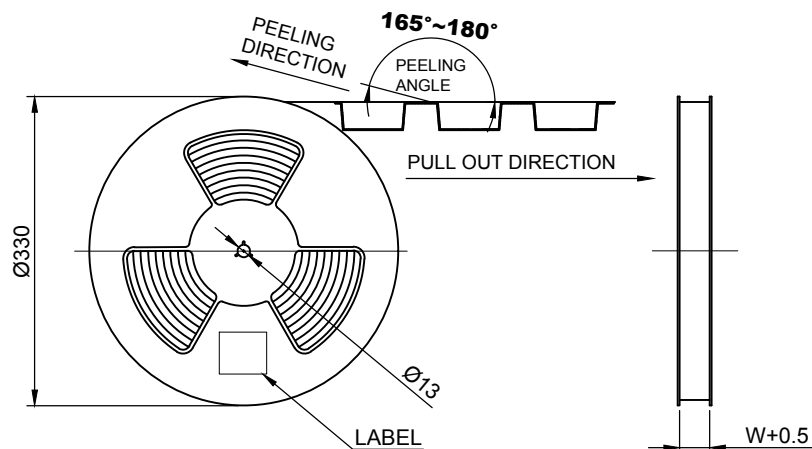
3. Packing:

(Blank): Tape & Reel

CJTconn			CHANGJIANG CONNECTORS CO.,LTD.	
Unit	Scale	Sheet	TITLE	
mm	1:1	2 of 3	USB TYPE-C FEMALE 24PIN TOP MOUNT DOUBLE SMT TAIL	
DRAWN	CHK'D	APPR		
Haisen Li	Diankui Wan	Jack Yin		
General Tolerances		THIRD ANGLE PROJECTION	DRAWING NO.	REV A0
x.x±0.25 x.xx±0.20 x.xxx±0.15 ANGLES ±1°				
				
			CJ-CF224-007-24P	



SEE DETAIL X



	REEL	CARTON
CONNECTOR (PCS)	800	8000

CJTconn CHANGJIANG CONNECTORS CO.,LTD.

Unit	Scale	Sheet	TITLE	
mm	1:1	3 of 3	USB TYPE-C FEMALE 24PIN TOP MOUNT DOUBLE SMT TAIL	
DRAWN	CHKD	APPR	DRAWING NO.	
Haisen Li	Diankui Wan	Jack Yin	CJ-CF224-007-24P	
General Tolerances			THIRD ANGLE PROJECTION	REV A0
x.xx±0.25 x.xx±0.20 x.xxx±0.15 ANGLES ±1°				

REV	DESCRIPTION	DATE
A0	NEW RELEASE	2022.04.13