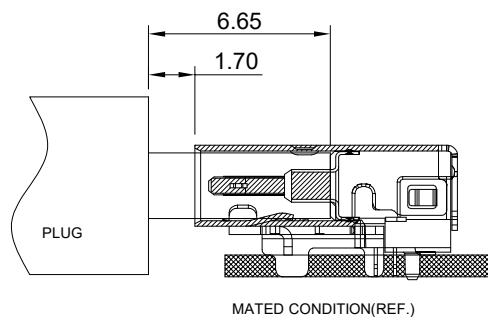
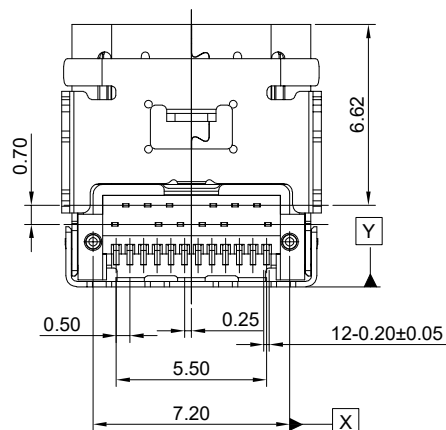
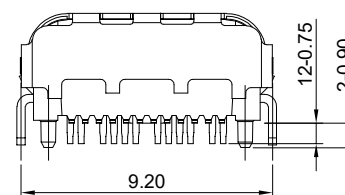
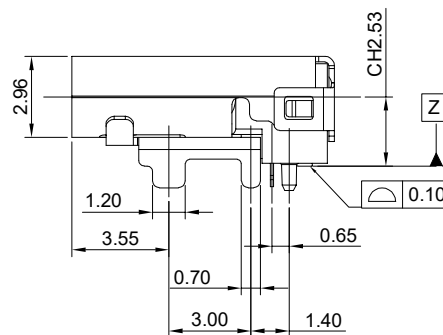
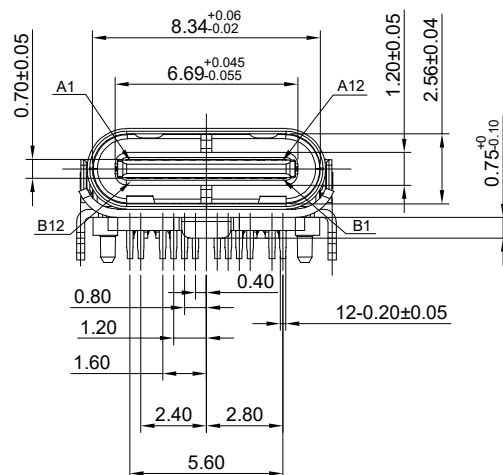
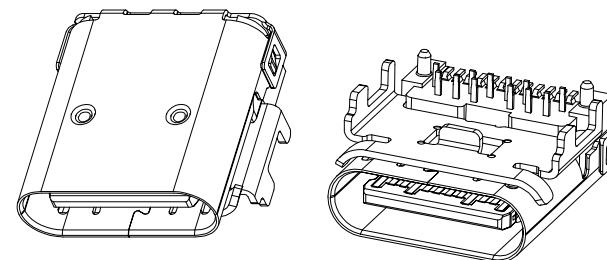


SECTION A-A



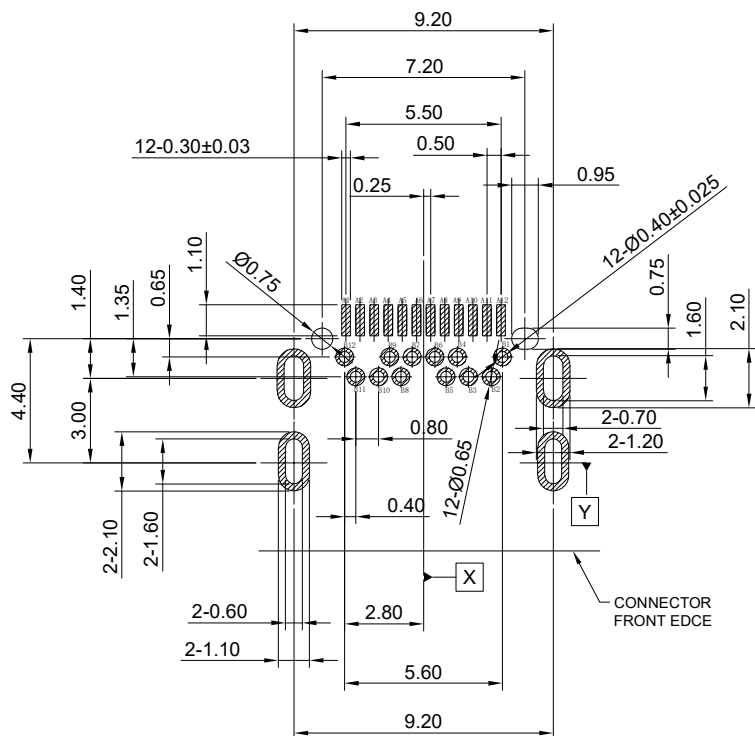
MATED CONDITION(REF.)

TABLE:

7	SHELL	1	SUS304 T=0.20	Ni 30u" MIN. UNDER PLATED OVER ALL.
6	DOWN SHELL	1	SUS304 T=0.30	Ni 30u" MIN. UNDER PLATED OVER ALL.
5	EMI	1	SUS301 T=0.10	Ni 30u" MIN. UNDER PLATED OVER ALL.
4	SHIELDING PLATE	1	SUS301 T=0.15	NO PLATED
3	DIP CONTACT	12	C18400 T=0.12	Ni 50u" MIN. UNDER PLATED OVER ALL
2	SMT CONTACT	12		Au 3u" PLATED ON CONTACT, Tin PLATED ON SOLDERING
1	HOUSING	1		COLOR:BLACK
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 L=9.6MM CH=2.53MM		
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.									REV		
CJ-CF253-24P									A0		



RECOMMEND P.C.B LAYOUT (COMPONENT SIDE)
PCB THICKNESS 1.0±0.05mm
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

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
 - 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: -40°C~+85°C.
- IR Reflow:
 - The Peak Temperature On The Board Shall Be Maintained For 10 Seconds At 260°C.
- Compliance With Rohs Requirements.

Ordering Information:

CJ-CF253 - 24P - *** - ***
1 2 3

1. Part NO.

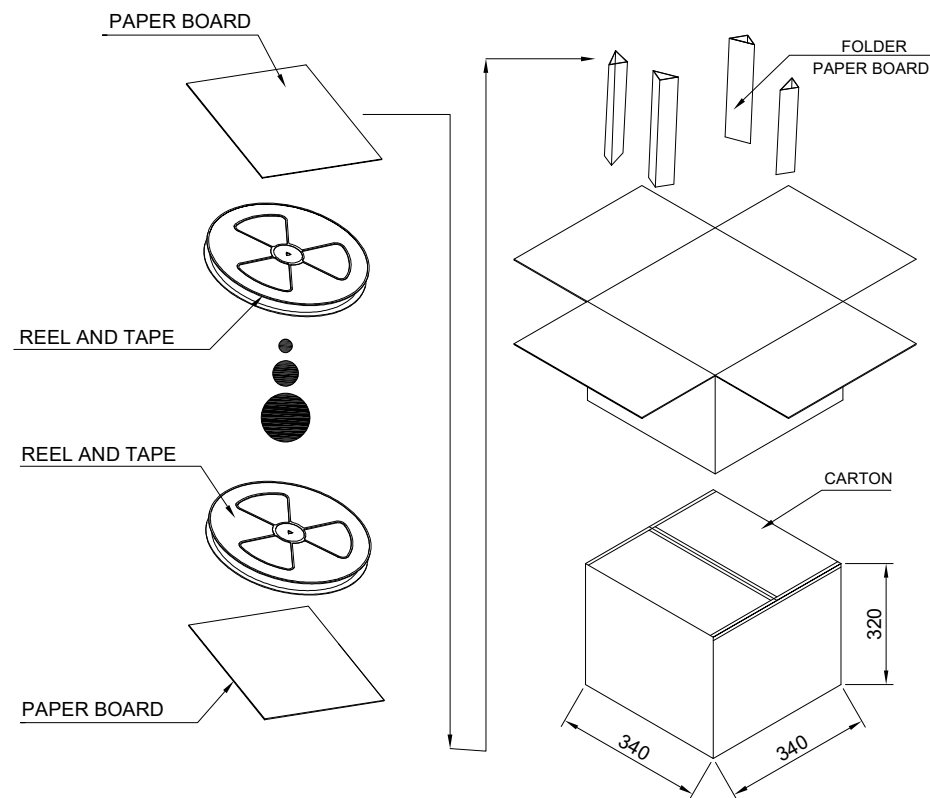
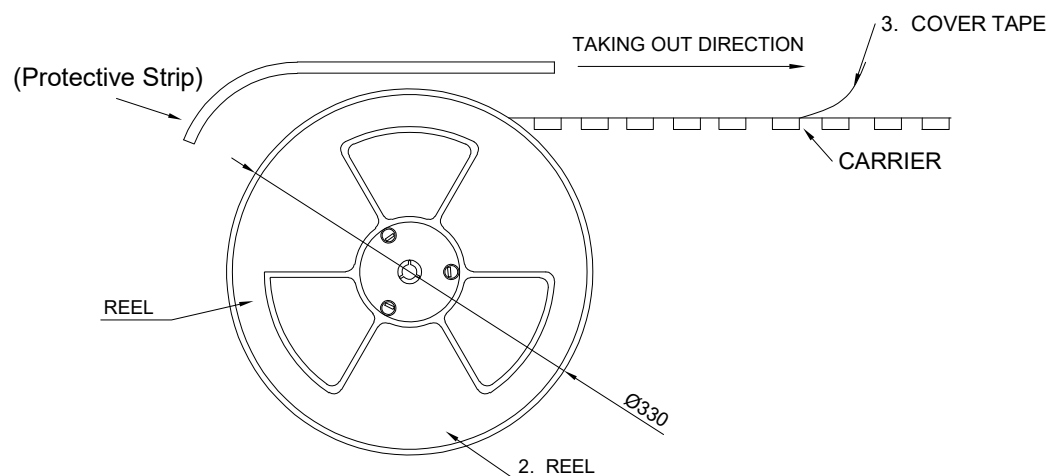
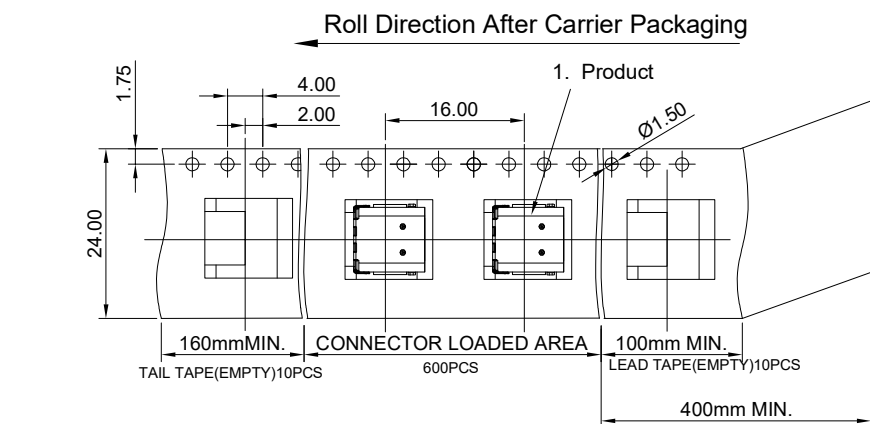
2. Finish:

(Blank): Select Gold: 3μm [0.076μm] Min.
Select Reflowed Matte Tin: 60μm [1.5μm] Min
Overall Nickel Underplate: 50μm [1.25μm] Min.
G15: Select Gold: 15μm [0.38μm] Min.
Select Reflowed Matte Tin: 60μm [1.5μm] Min
Overall Nickel Underplate: 50μm [1.25μm] Min.
G30: Select Gold: 30μm [0.76μm] Min.
Select Reflowed Matte Tin: 60μm [1.5μm] Min
Overall Nickel Underplate: 50μm [1.25μm] 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 L=9.6MM CH=2.53MM
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°			
A0	NEW RELEASE	2021.12.25	
REV	DESCRIPTION	DATE	
			DRAWING NO. CJ-CF253-24P
			REV A0



	REEL	CARTON
CONNECTOR (PCS)	600	6000

CJTconn			CHANGJIANG CONNECTORS CO.,LTD.	
Unit	Scale	Sheet	TITLE	
mm	1:1	3 of 3	USB TYPE-C FEMALE 24PIN TOP MOUNT L=9.6MM CH=2.53MM	
DRAWN	CHK'D	APPR		
Haisen Li	Diankui Wan	Jack Yin		
General Tolerances		THIRD ANGLE PROJECTION	DRAWING NO.	
x. x±0.25			CJ-CF253-24P	
x. xxx±0.20				
x. xxx±0.15				
ANGLES ±1°				
			REV A0	

A0	NEW RELEASE	2021.12.25
REV	DESCRIPTION	DATE