

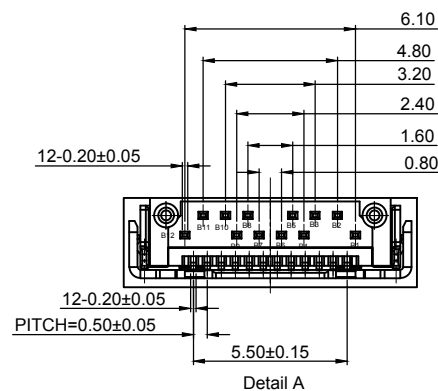
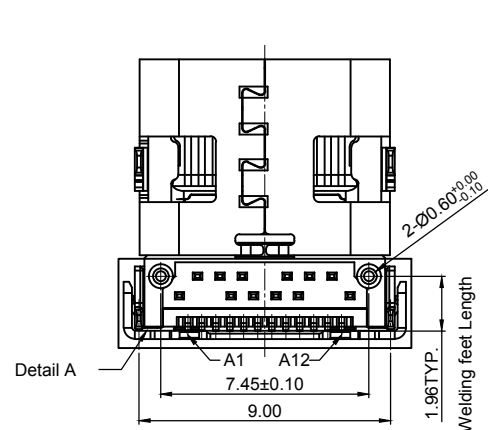
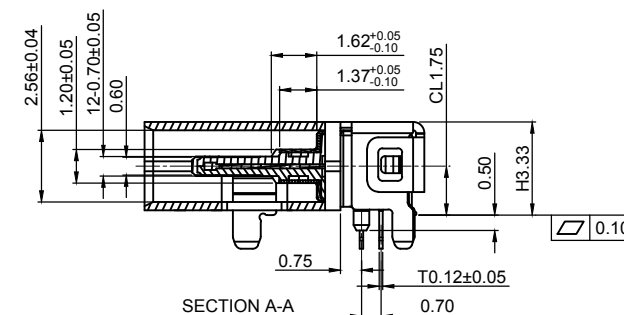
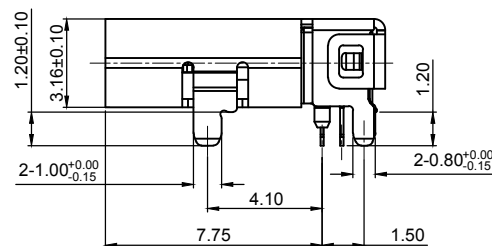
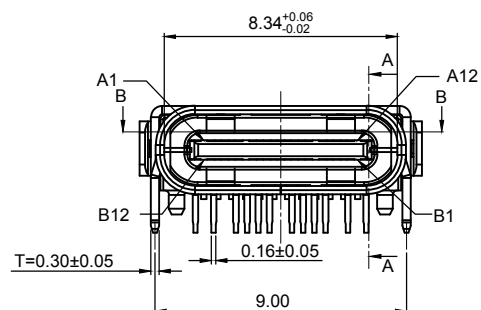
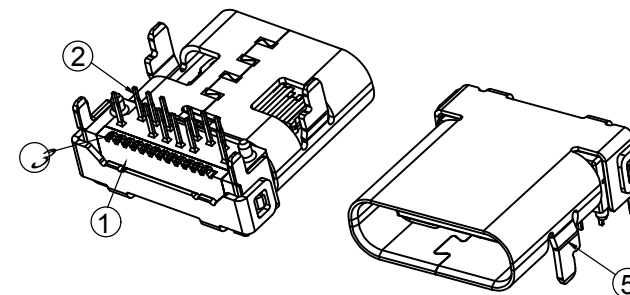
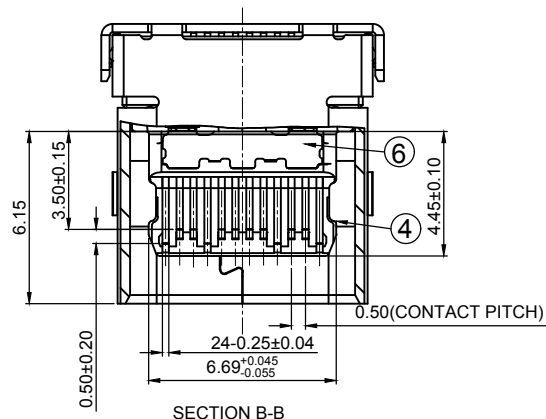


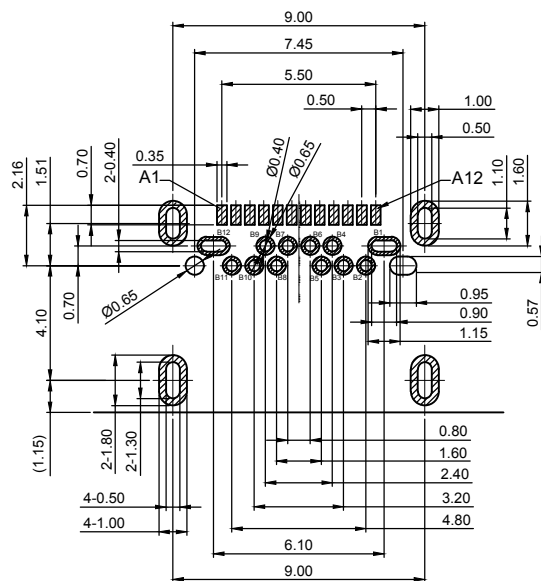
TABLE:

NO	PART	Q'TY	MATERIAL
1	SHELL	1	STAINLESS STEEL 304, NI 30u" MIN PLATED
2	EMI Plate	1	STAINLESS STEEL 301,CLEAR ONLY
3	Mid Plate	1	STAINLESS STEEL 301, NO PLATED
4	SMT CONTACT	12	COPPER STEEL C18150,CONTACT AREA: Au 3u" Min;
5	DIP CONTACT	12	SOLDER TAIL: TIN,OVER ALL: 50u" Min Ni UNDERPLATED
6	HOUSING	1	LCP BLACK UL94 V-0

CJTconn CHANGJIANG CONNECTORS CO.,LTD.

Unit	Scale	Sheet	TITLE
mm	1:1	1 of 3	
DRAWN	CHK'D	APPR	
Haisen Li	Diankui Wan	Jack Yin	USB 3.1 C TYPE REC. TOP CONNECTOR SINGLE SHELL (CL=1.75 L=10.0mm)
General Tolerances		THIRD ANGLE PROJECTION	
x.xx±0.25 x.xxx±0.20 x.xxxx±0.15 ANGLES ±1°			DRAWING NO.
			CJ-CF020-24P
			REV. A0

A0	NEW RELEASE	2021.05.23
REV	DESCRIPTION	DATE



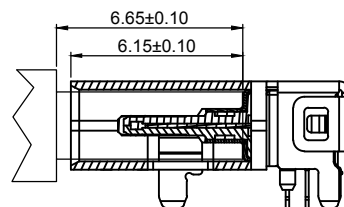
RECOMMEND P.C.B LAYOUT (COMPONENT SIDE)

TOLERANCE FOR PCB LAYOUT IS ± 0.05

KEEP OUT AREA

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.)

A0	NEW RELEASE	2021.05.23
REV	DESCRIPTION	DATE

Specifications:

- Electrical Performance,
 - Current Rating: 5 Amps. For Total VBUS/GNF 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.

Ordering Information:

CJ-CF020 - 24P - *** - ***
1 2 3

1. Part NO.

2. Finish:

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

Select Reflowed Tin: 1.5μin[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.

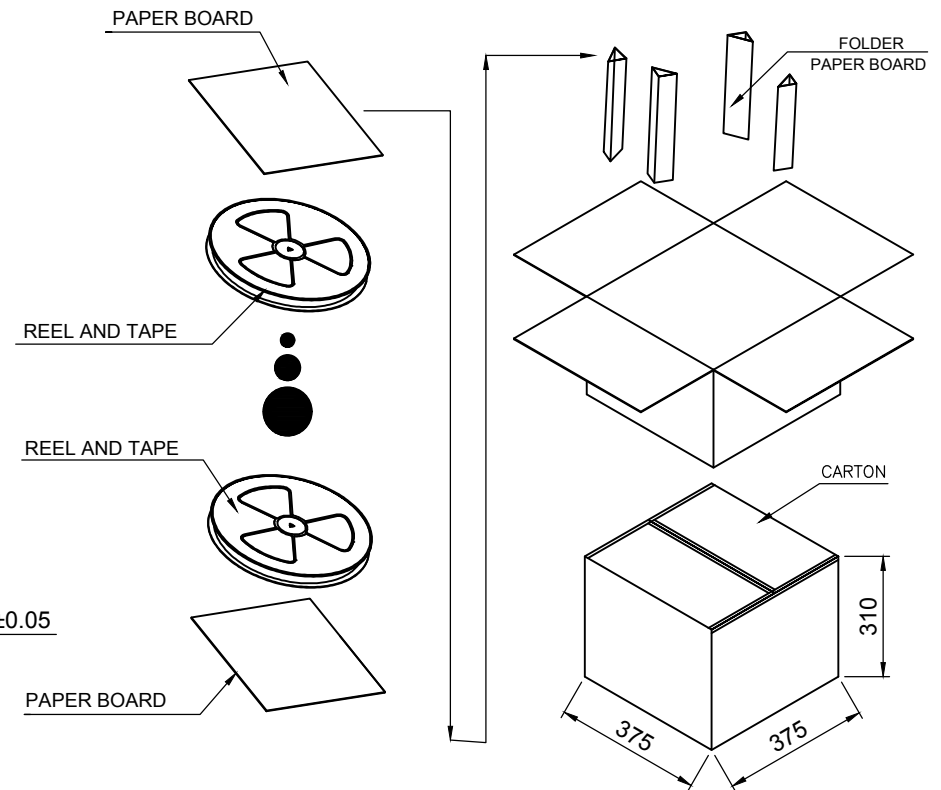
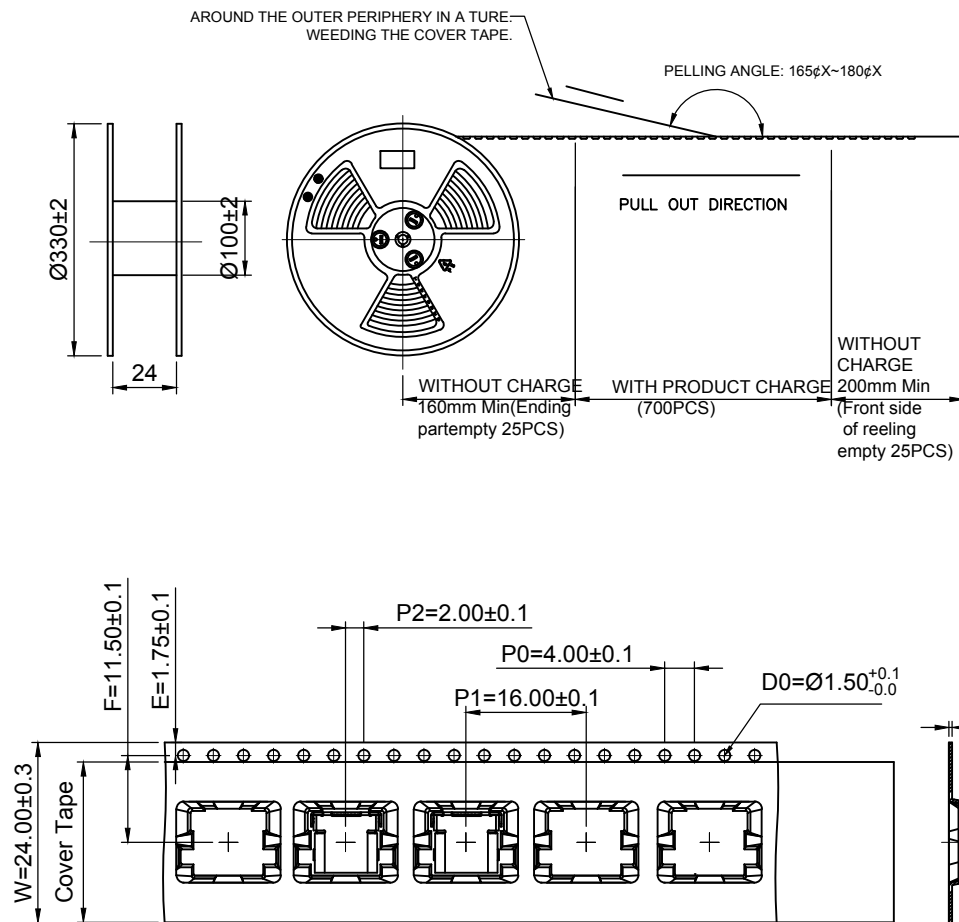
Select reflowed matte tin: 80μin[2.03μm] Min Overall

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	
DRAWN	CHK'D	APPR	
Haisen Li	Diankui Wan	Jack Yin	USB 3.1 C TYPE REC. TOP CONNECTOR SINGLE SHELL (CL=1.75 L=10.0mm)
General Tolerances		THIRD ANGLE PROJECTION	
x.x±0.25 x.xx±0.20 x.xxx±0.15 ANGLES ±1°			
			DRAWING NO.
			CJ-CF020-24P
			REV A0



	REEL	CARTON
CONNECTOR (PCS)	700	7000

CJTconn CHANGJIANG CONNECTORS CO.,LTD.			
Unit	Scale	Sheet	TITLE
mm	1:1	3 of 3	
DRAWN	CHKD	APPR	USB 3.1 C TYPE REC. TOP CONNECTOR SINGLE SHELL (CL=1.75 L=10.0mm)
Haisen Li	Diankui Wan	Jack Yin	
General Tolerances		THIRD ANGLE PROJECTION	DRAWING NO.
x.xx±0.25 x.xx±0.20 x.xxx±0.15 ANGLES ±1°			CJ-CF020-24P
REV	DESCRIPTION	DATE	REV A0

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