

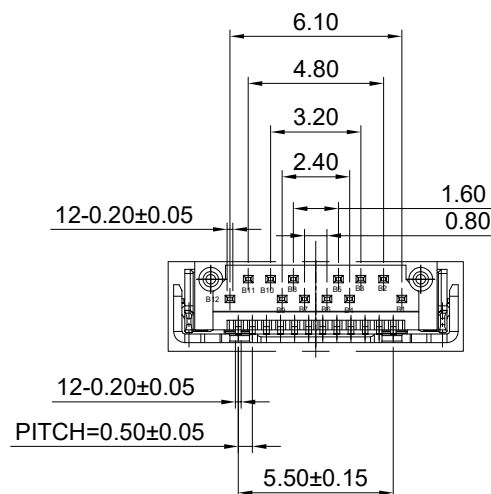
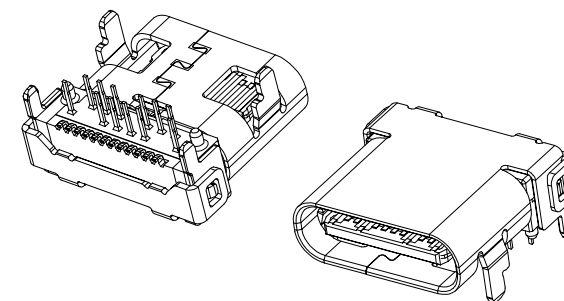
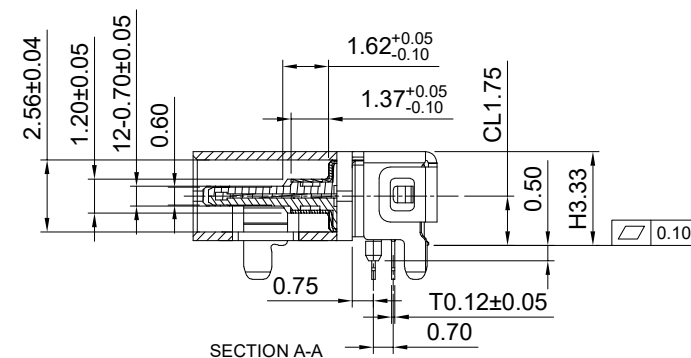
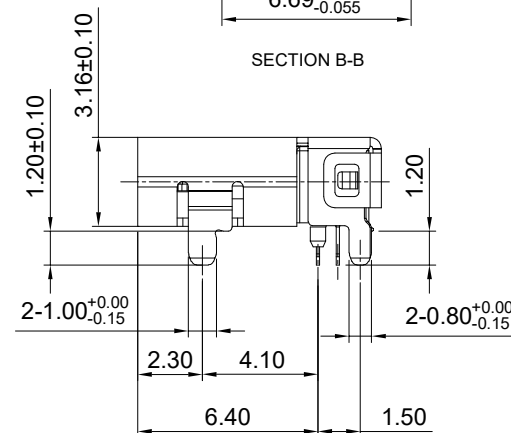
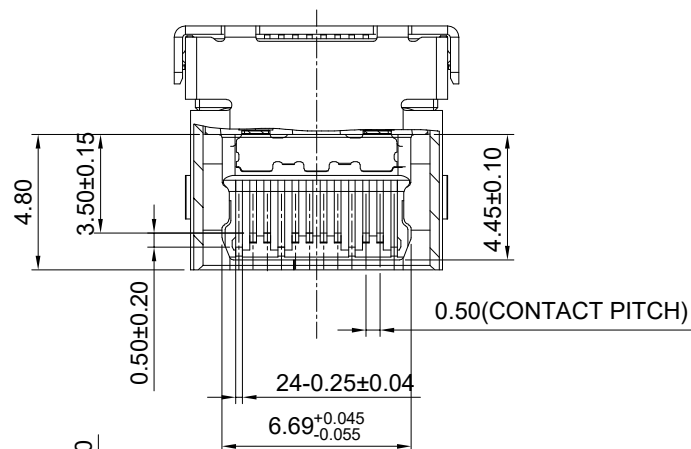
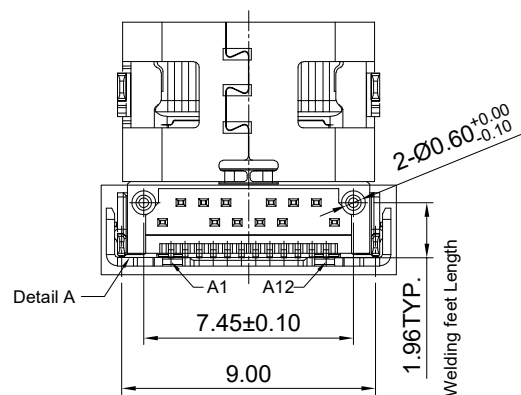
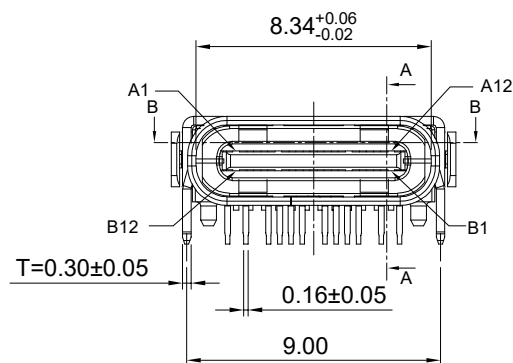
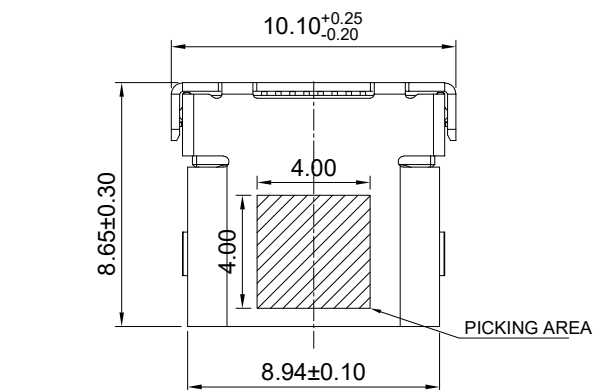
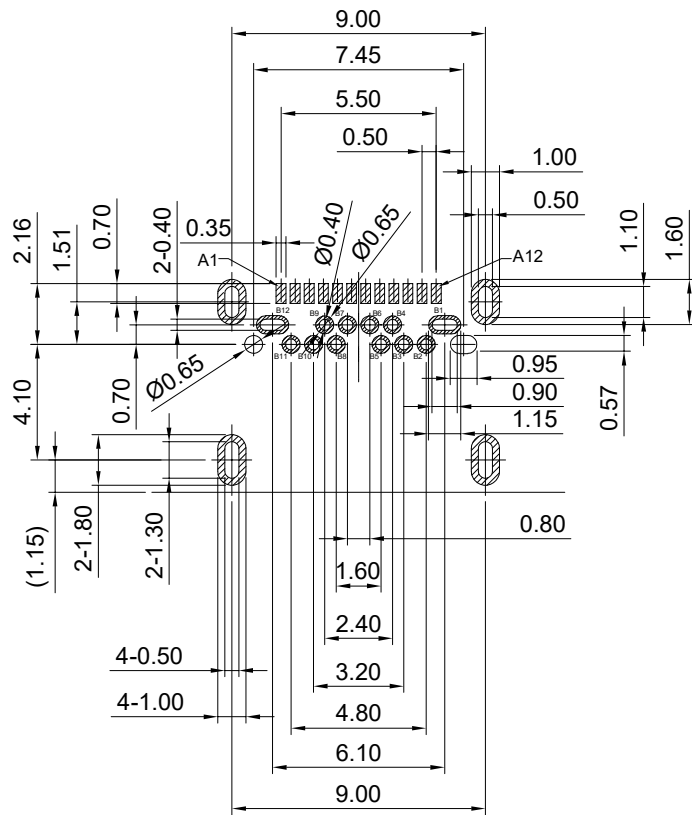


TABLE:

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	USB 3.1 C TYPE REC. TOP CONNECTOR SINGLE SHELL (CL=1.75 L=8.65mm)
DRAWN	CHK'D	APPR	DRAWING NO. CJ-CF016-24P
Haisen Li	Diankui Wan	Jack Yin	
General Tolerances		THIRD ANGLE PROJECTION	REV A0
x.xx±0.25 x.xxx±0.20 x.xxx±0.15 ANGLES ±1°			

REV	DESCRIPTION	DATE
A0	NEW RELEASE	2021.05.23



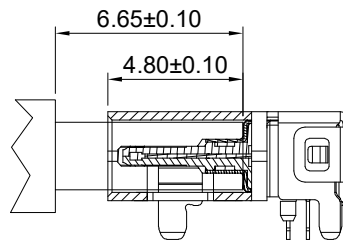
RECOMMEND P.C.B LAYOUT (COMPONENT SIDE)

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.)

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
 - 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-CF016 - 24P - *** - ***
1 2 3

1. Part NO.

2. Finish:

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

Select Reflowed Tin: 60μm [1.5μm] Min

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

G15: Select Gold: 15μm [0.38μm] Min.

Select Reflowed Tin: 60μm [1.5μm] Min

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

G30: Select Gold: 30μm [0.76μm] Min.

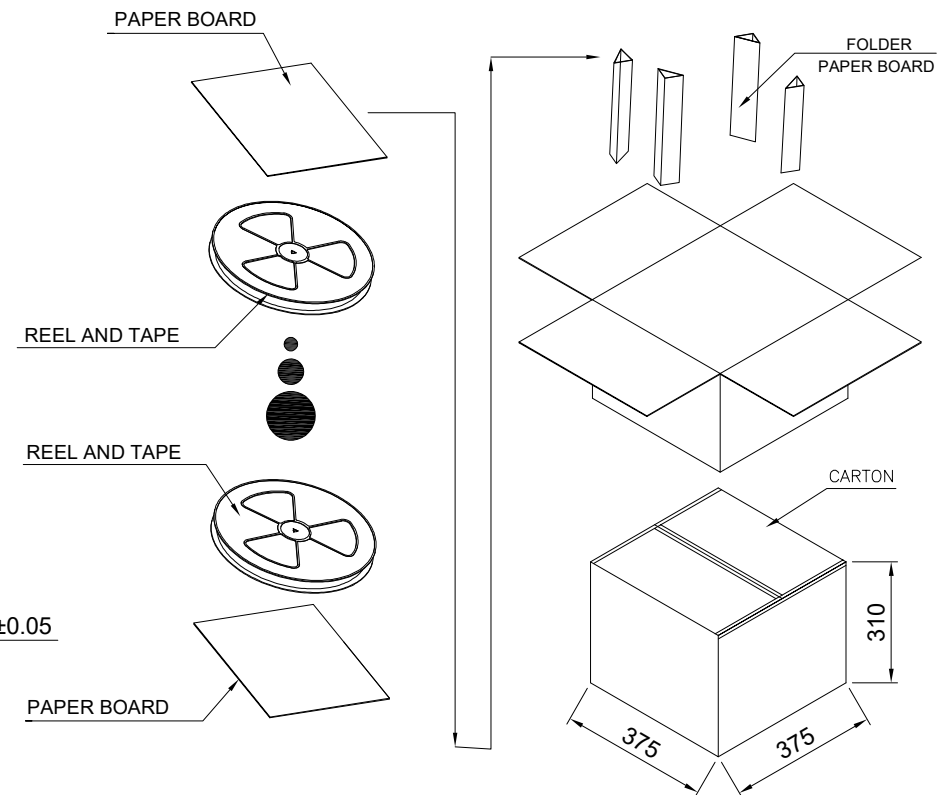
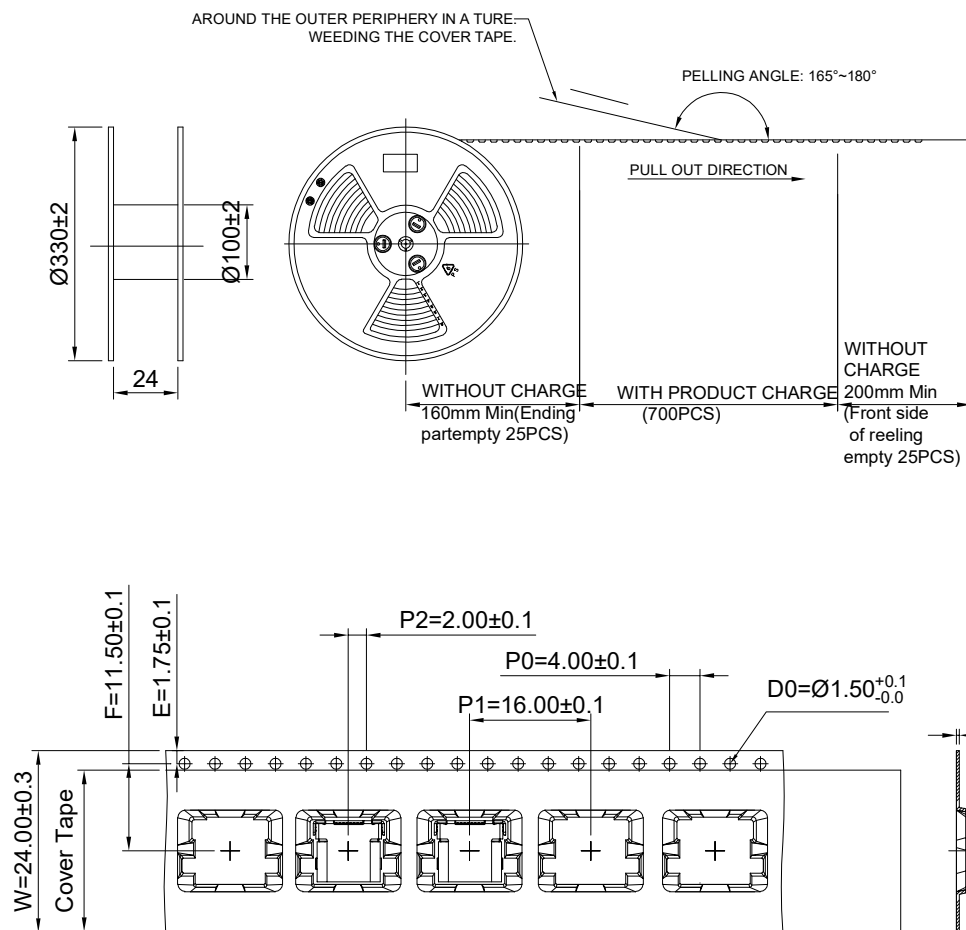
Select Reflowed Tin: 60μm [1.5μm] Min

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 3.1 C TYPE REC. TOP CONNECTOR SINGLE SHELL (CL=1.75 L=8.65mm)
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°			
A0	NEW RELEASE	2021.05.23	
REV	DESCRIPTION	DATE	
			DRAWING NO.
			CJ-CF016-24P
			REV A0



	REEL	CARTON
CONNECTOR (PCS)	700	7000

CJTconn CHANGJIANG CONNECTORS CO.,LTD.			TITLE	
Unit	Scale	Sheet	USB 3.1 C TYPE REC. TOP CONNECTOR SINGLE SHELL (CL=1.75 L=8.65mm)	
mm	1:1	3 of 3		
DRAWN	CHK'D	APPR		
Haisen Li	Diankui Wan	Jack Yin	DRAWING NO.	
General Tolerances			CJ-CF016-24P	
THIRD ANGLE PROJECTION			REV A0	
x.xx±0.25 x.xx±0.20 x.xxx±0.15 ANGLES ±1°				

A0	NEW RELEASE	2021.05.23
REV	DESCRIPTION	DATE