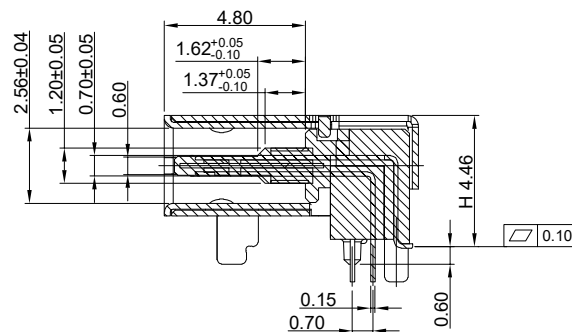
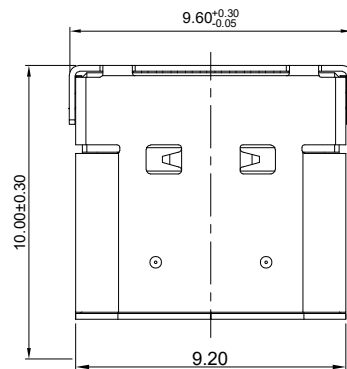
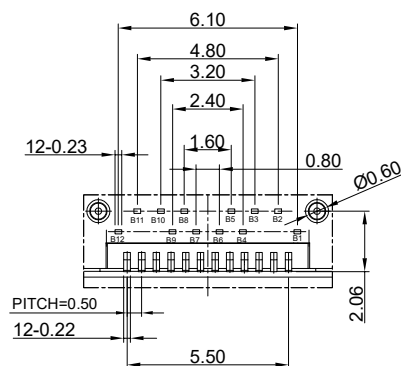
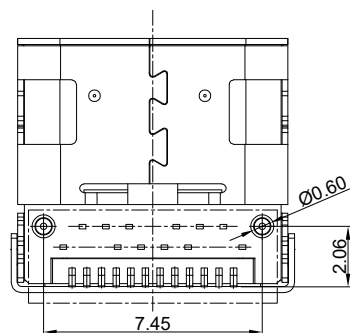
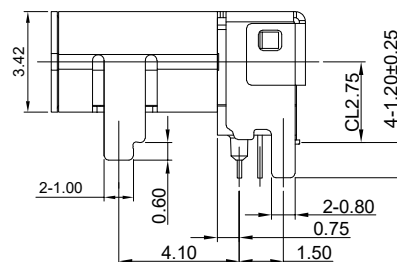
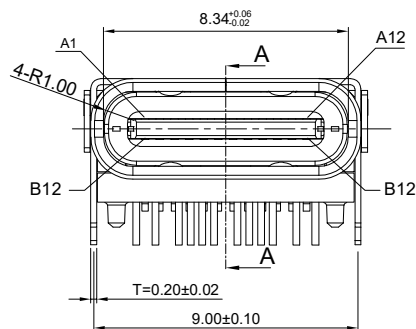
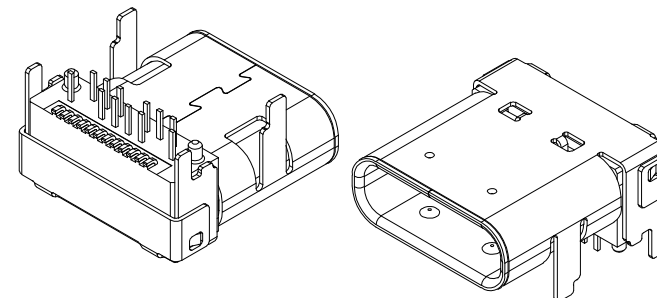




Section A-A



Detail A

Table:

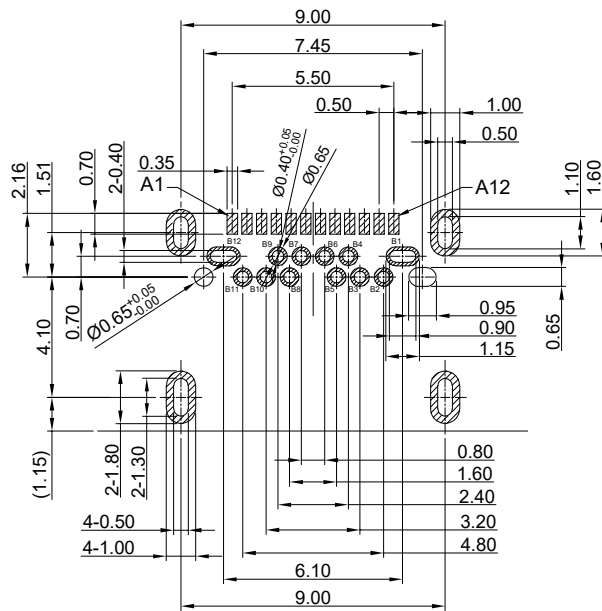
5	Outer Shell	1PCS	Stainless Steel SUS304 T=0.20mm	NI 30u"MIN Plated
4	Inter Shell	1PCS	Stainless Steel SUS304 T=0.20mm	---
3	Mid Plate	1PCS	Stainless Steel SUS301 T=0.15mm	---
2	Contact	24PCS	Copper Alloy C7025	Au 1U"Plated On Vontact Area GF Plated On Solder Area; Nickel 50u"Min Under Plating Over All.
1	Housing	1PCS	High Temperature Plastic LCP	UL94V-0 Black
NO.	Description	QTY	Material	Remarks

CJTconn CHANGJIANG CONNECTORS CO.,LTD.

Unit	Scale	Sheet	TITLE
mm	1:1	1 of 3	USB Type-C Female Rec. 24Pin Top-Mount H4.46 CH2.75 L=8.65
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.
			CJ-CF224-030-24P

A0	NEW RELEASE	2022.07.16
REV	DESCRIPTION	DATE

REV
A0



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

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: -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-CF224-030 - 24P - *** - ***
1 2 3

1. Part NO.

2. Finish:

(Blank): Select Gold: 1μin[0.025μm] Min.

Select reflowed G/F: 0.6μin[0.015μm] Min

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

G15: Select Gold: 15μin[0.037μm] Min.

Select reflowed G/F: 0.6μin[0.015μm] Min

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

G30: Select Gold: 30μin[0.76μm] Min.

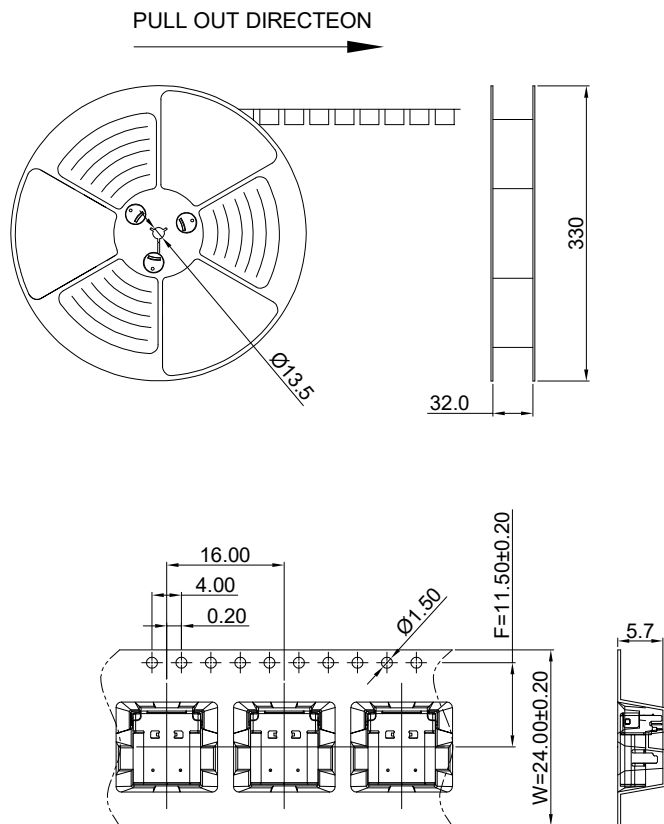
Select reflowed G/F: 0.6μin[0.015μm] Min

Overall Nickel Underplate: 50μin[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 Rec. 24Pin Top-Mount H4.46 CH2.75 L=8.65		
DRAWN	CHK'D	APPR			
Haisen Li	Diankui Wan	Jack Yin			
General Tolerances		THIRD ANGLE PROJECTION	DRAWING NO.		REV
x.x±0.25 x.xx±0.20 x.xxx±0.15 ANGLES ±1°			CJ-CF224-030-24P		A0

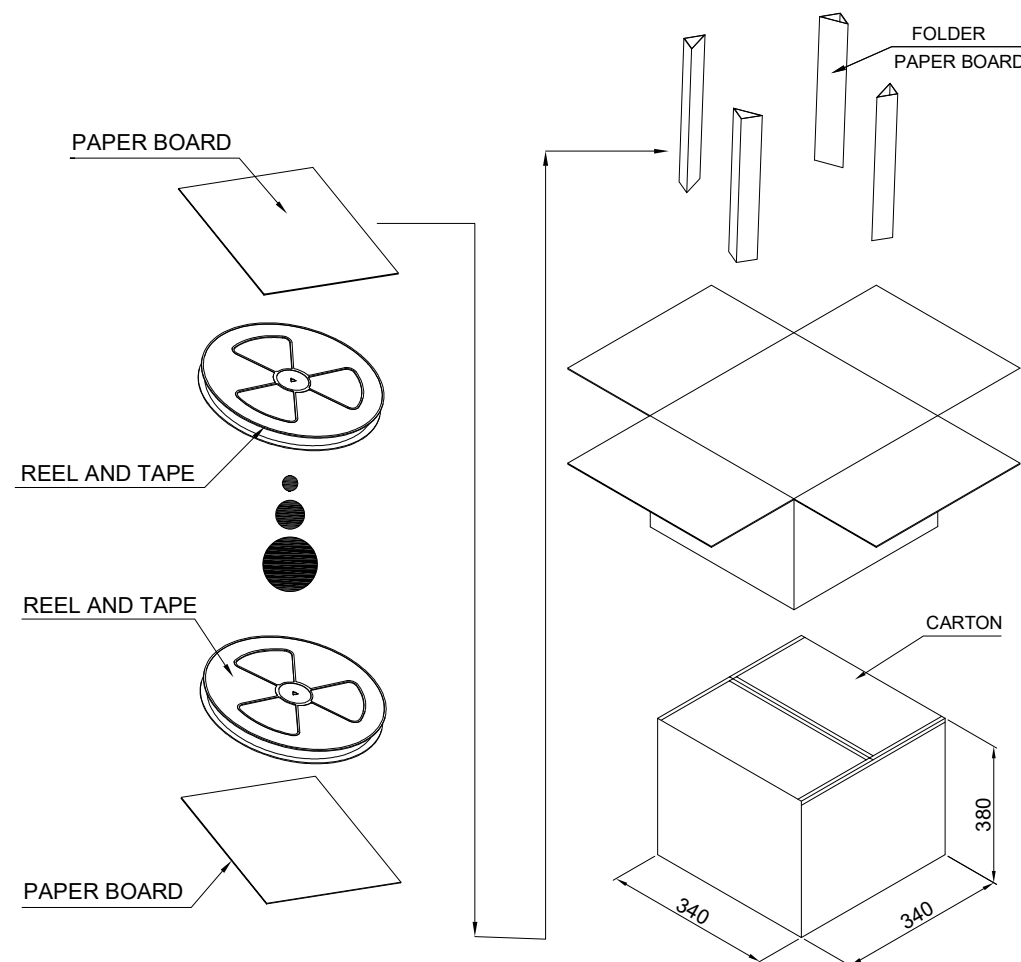


NOTES

1. LEAD TAPE LENGTH
PULL OUT DIRECTION

EMPTY 25 PCS	PART	EMPTY 25PCS
TOP PART (EMPTY)	COMPONENT SUPPLIER	TAIL PART (EMPTY)

2. THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT:
PEELING OFF SHOULD NOT BE ALLOWED DURING TRANSPORTATION



	REEL	CARTON
CONNECTOR (PCS)	700	7000

CJTconn CHANGJIANG CONNECTORS CO.,LTD.			TITLE	
Unit	Scale	Sheet	USB Type-C Female Rec. 24Pin Top-Mount H4.46 CH2.75 L=8.65	
mm	1:1	3 of 3		
DRAWN	CHK'D	APPR		
Haisen Li	Diankui Wan	Jack Yin	DRAWING NO.	
General Tolerances			CJ-CF224-030-24P	
x.xx±0.25 x.xxx±0.20 x.xxxx±0.15 ANGLES ±1°			REV A0	
THIRD ANGLE PROJECTION				

REV	DESCRIPTION	DATE
A0	NEW RELEASE	2022.07.16