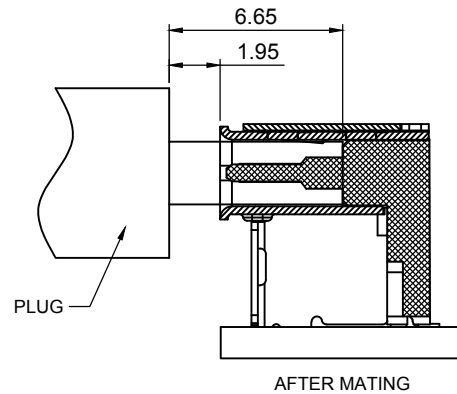
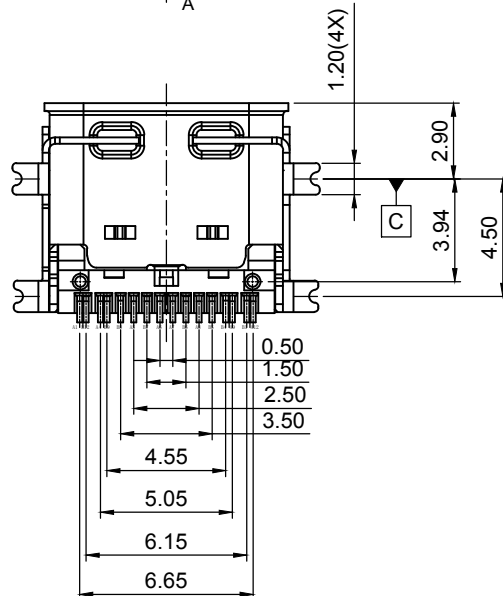
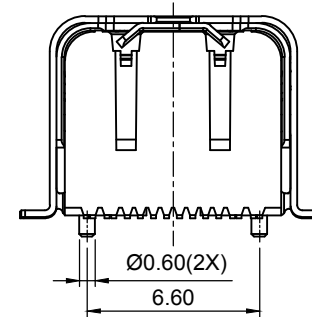
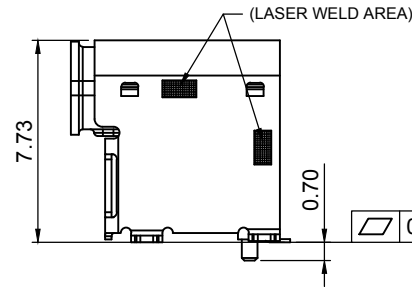
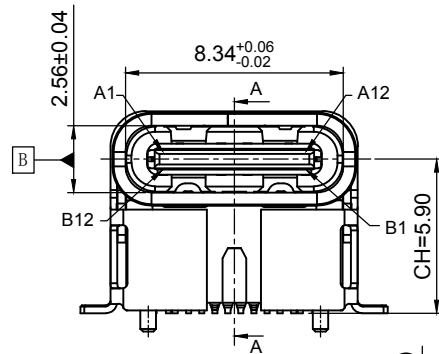
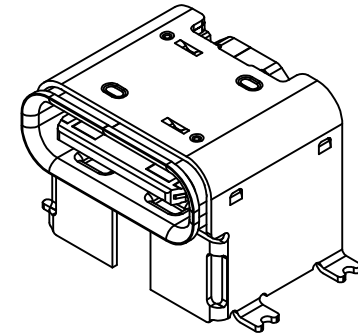
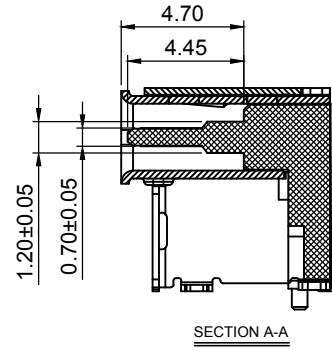
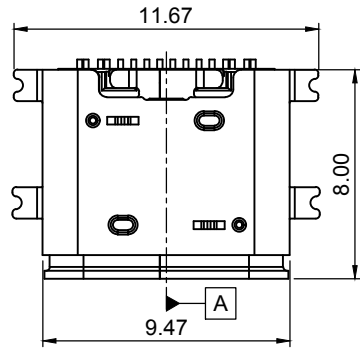




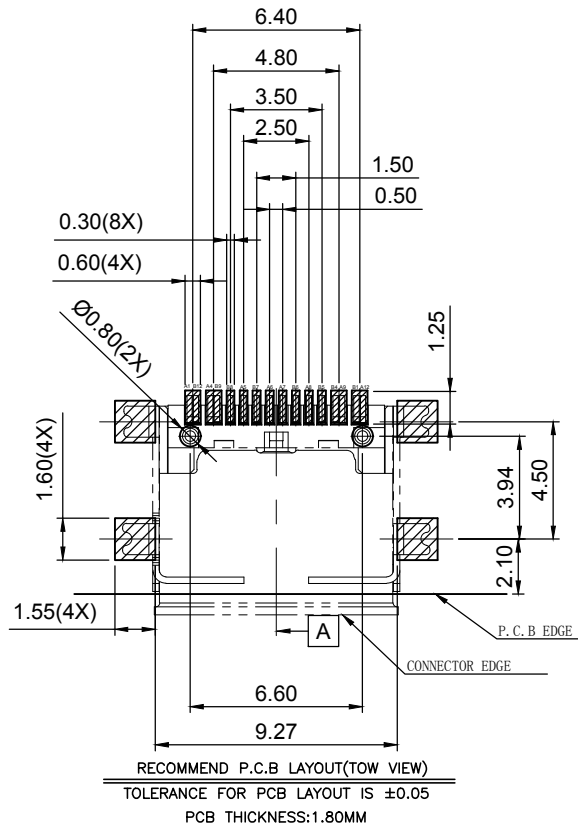
REV	DESCRIPTION	DATE
A0	NEW RELEASE	2024.04.25

Table:

5	Inner Shell	1PCS	Stainless Steel SUS304 T=0.30mm	Ni 30u"Min Plated
4	Outer Shell	1PCS	Stainless Steel SUS301 T=0.25mm	Ni 30u"Min Plated
3	Mid Plate	1PCS	Stainless Steel SUS301 T=0.15mm	---
2	Contact	16PCS	Copper Alloy C18400 T=0.12mm	Au Plated On Vcontact 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 16PIN Top-Mount CH5.9 SMT TYPE
DRAWN	CHKD	APPR	
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-CF216-028-16P
			REV A0



USB Type-C Pin Assignments

Pin Number	Signal Name	Pin Number	Signal Name
A1	GND	B12	GND
A2	---	B11	---
A3	---	B10	---
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	---	B3	---
A11	---	B2	---
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
 - DIELECTRIC WITHSTANDING VOLTAGE: 100V AC
 - INSULATION RESISTANCE: 100MΩ MIN
- 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 & HF REQUIREMENTS.
- SALT SPRAY: 48H

Ordering Information:

CJ-CF216-028 - 16P - *** - ***
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.

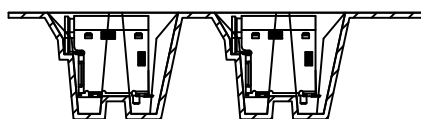
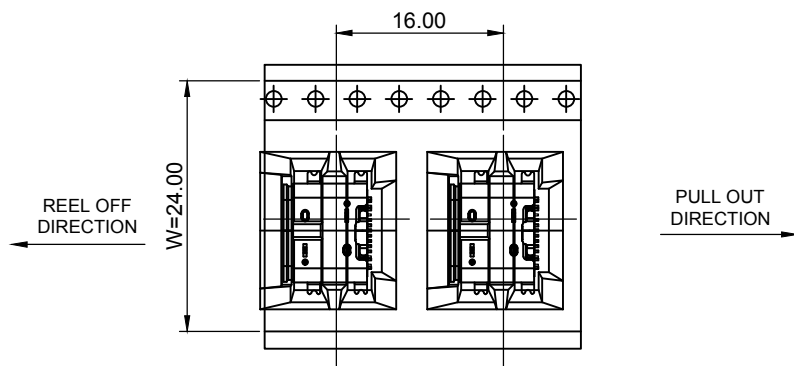
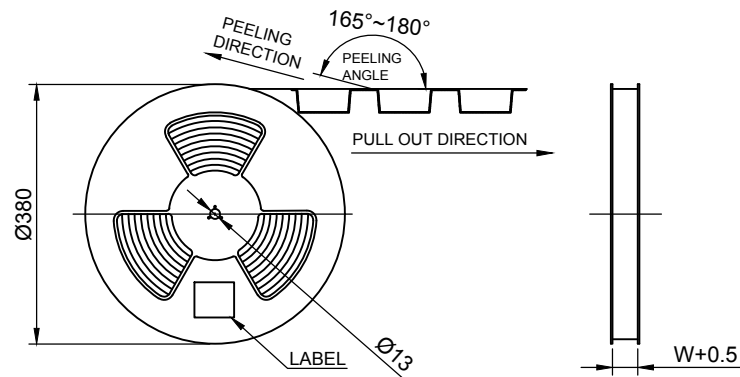
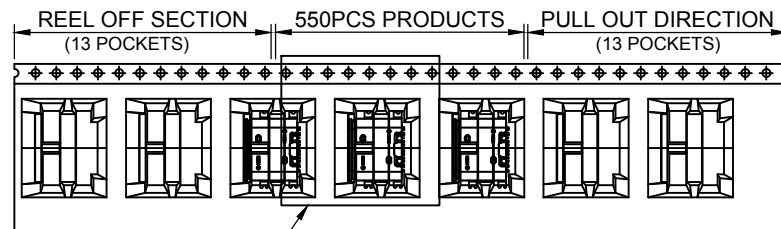
Select reflowed matte tin: 80μin[2.03μm] Min Overall

Nickel Underplate: 30μin[0.76μm] Min.

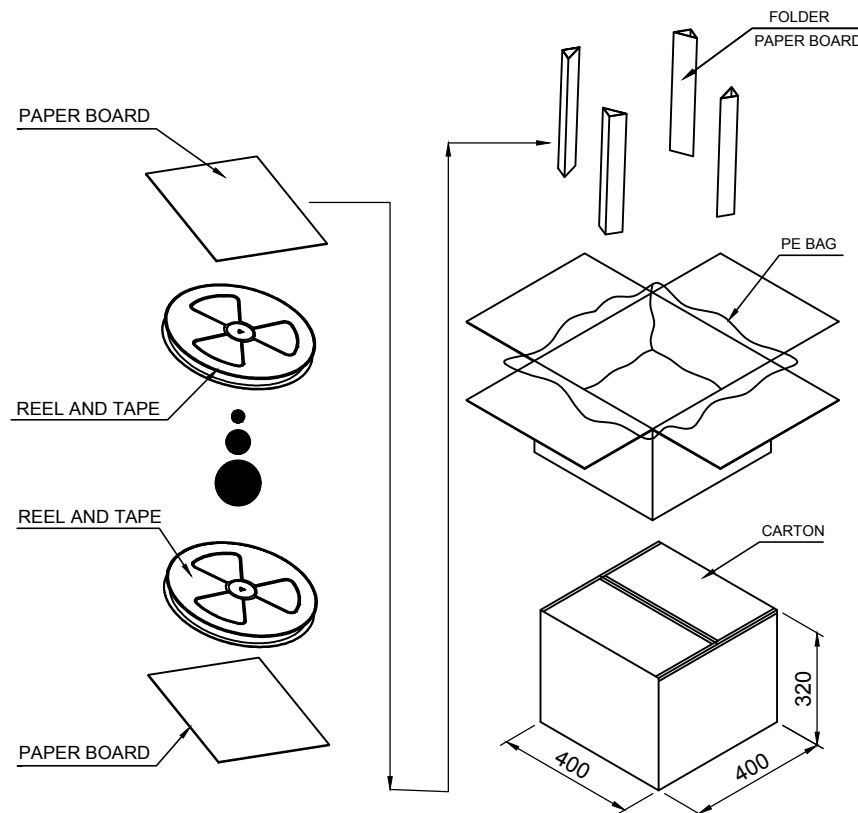
3.Packing:

(Blank): Tape & Reel

CJTconn				CHANGJIANG CONNECTORS CO.,LTD.	
Unit	Scale	Sheet	TITLE		
mm	1:1	2 of 3	USB TYPE C FEMALE 16PIN Top-Mount CH5.9 SMT TYPE		
DRAWN	CHK'D	APPR			
Haisen Li	Diankui Wan	Jack Yin			
General Tolerances		THIRD ANGLE PROJECTION		DRAWING NO.	
x.x±0.25 x.xx±0.20 x.xxx±0.15 ANGLES ±1°					
				REV A0	
				CJ-CF216-028-16P	



DETAIL X
SCALE 2:1



	REEL	CARTON
CONNECTOR (PCS)	550	5500

CJTconn CHANGJIANG CONNECTORS CO.,LTD.			
Unit	Scale	Sheet	TITLE
mm	1:1	3 of 3	USB TYPE C FEMALE 16PIN Top-Mount CH5.9 SMT TYPE
DRAWN	CHKD	APPR	
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-CF216-028-16P
A0	NEW RELEASE	2022.08.23	REV A0
REV	DESCRIPTION	DATE	