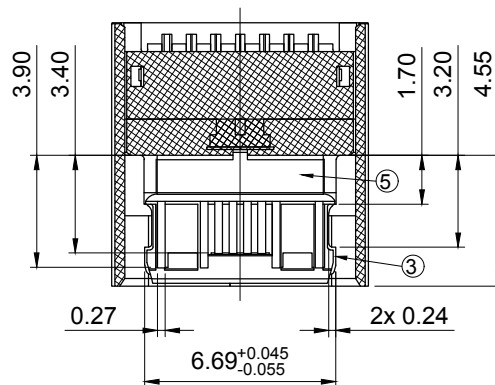
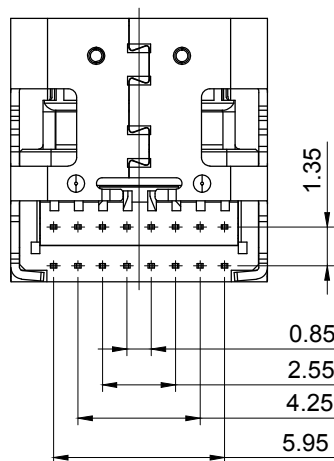
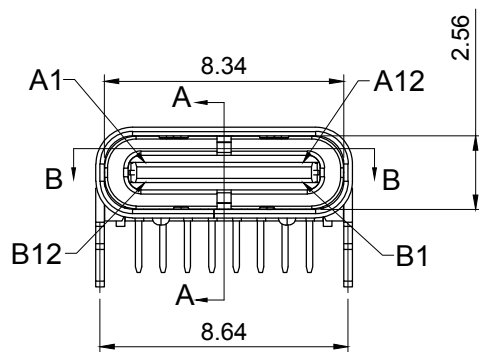
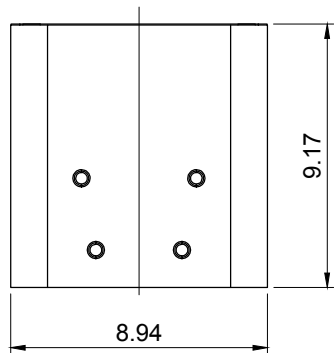
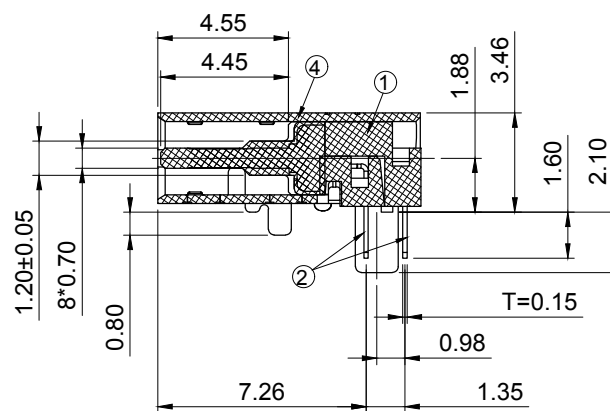
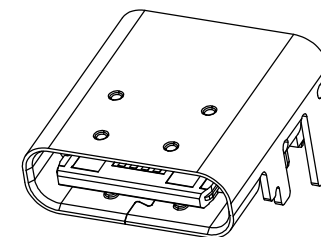
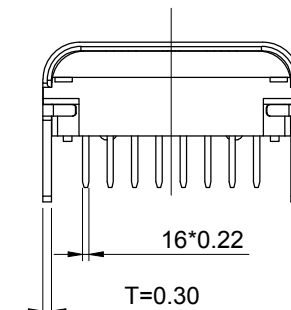
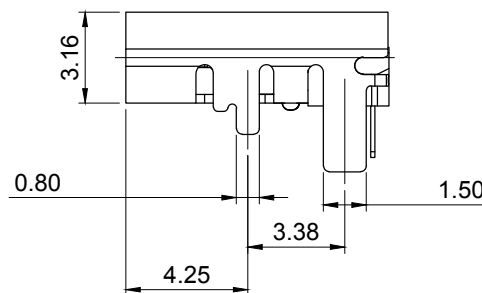




Section
B-B



Section
A-A

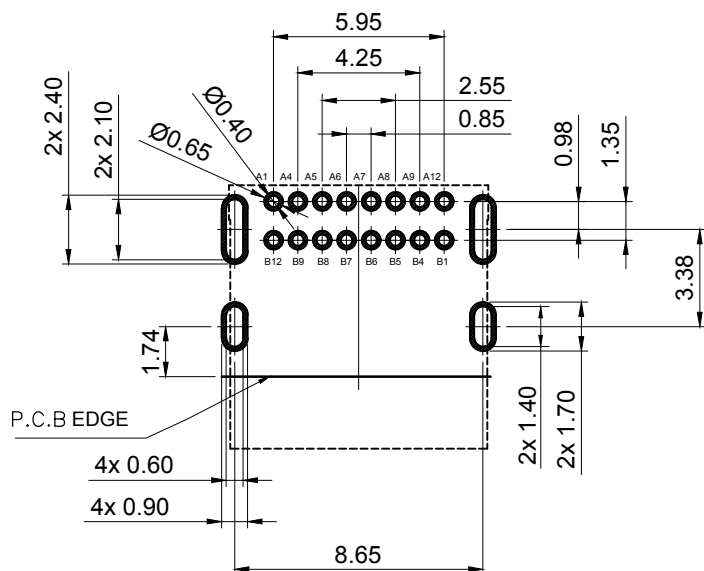
TYPE:

5	EMI	SUS301 T=0.15mm	Nickel 30u" Min Plating	1PCS
4	Shell	SUS304 T=0.30mm	Nickel 50u" Min Plating	1PCS
3	Shielding Plate	SUS301 T=0.15mm	---	1PCS
2	Contact	C18400-H T=0.12mm	Au 1u"Plated On Vontact Area GF Plated On Solder Area; Nickel 50u"Min Under Plating Over All.	2SET
1	Housing	LCP UL94V-0	Black	1PCS
No.	Description	Material	Remarks	QTY

CJTconn

CHANGJIANG CONNECTORS CO.,LTD.

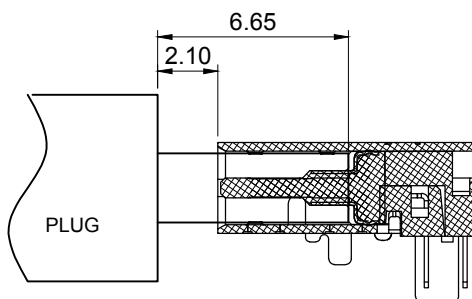
Unit	Scale	Sheet	TITLE	
mm	1:1	1 of 3		
DRAWN	CHK'D	APPR	USB TYPE C FEMALE 16PIN Top-Mount TYPE SHELL L9.17mm	
Haisen Li	Diankui Wan	Jack Yin		
General Tolerances		THIRD ANGLE PROJECTION	DRAWING NO.	REV
x.xx±0.25 x.xxx±0.20 x.xxxx±0.15 ANGLES ±1°				
			CJ-CF216-016-16P	A0



RECOMMENDED PCB LAYOUT(TOP)
TOLERANCES:±0.05MM

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



Mated Condition(REF.)

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:20 V 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:24H

Ordering Information:

CJ-CF216-016 - 16P - *** - ***
1 2 3

1.Part NO.

2.Finish:

(Blank): Select Gold:1μin[0.025μm]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.

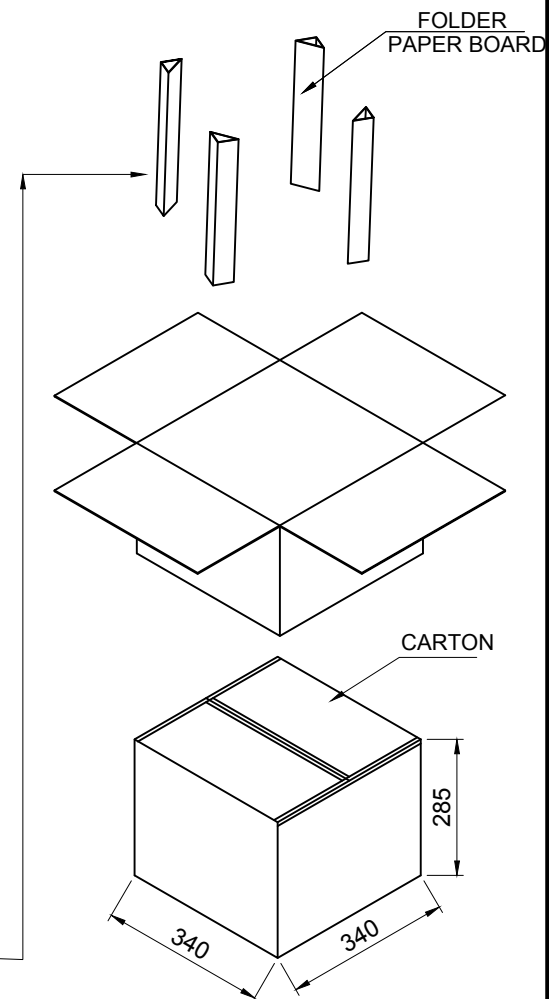
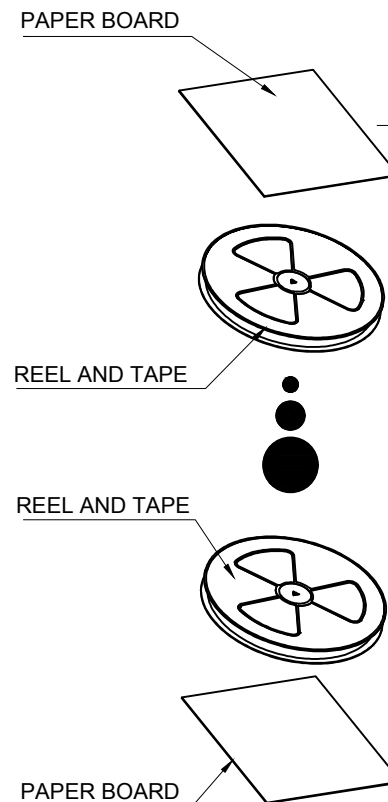
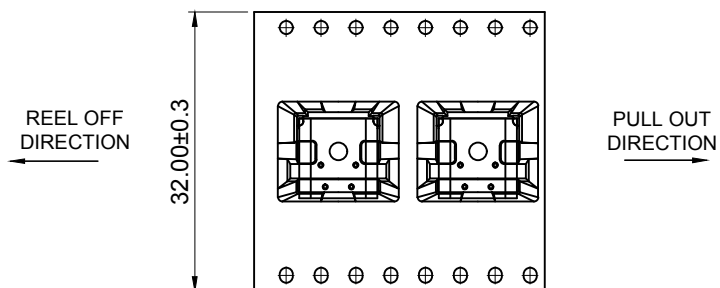
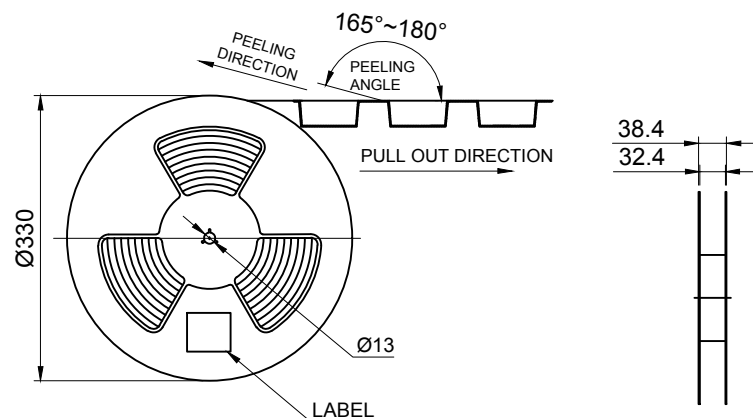
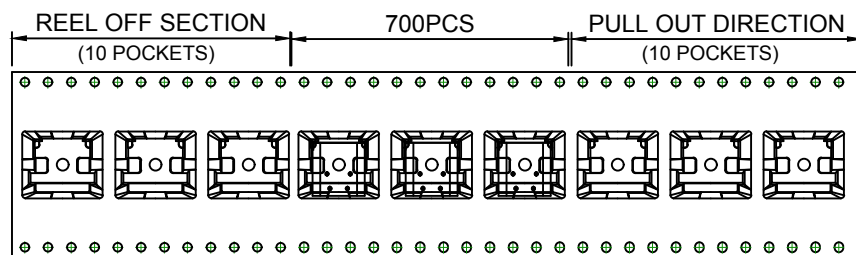
Select reflowed matte tin: 80μin[2.03μm] Min Overall

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 TYPE SHELL L9.17mm	
DRAWN	CHK'D	APPR		
Haisen Li	Diankui Wan	Jack Yin		
General Tolerances		THIRD ANGLE PROJECTION	DRAWING NO.	REV A0
x.xx±0.25 x.xx±0.20 x.xxx±0.15 ANGLES ±1°				
			CJ-CF216-016-16P	



	REEL	CARTON
CONNECTOR (PCS)	700	7000

CJTconn CHANGJIANG CONNECTORS CO.,LTD.			TITLE	
Unit	Scale	Sheet	USB TYPE C FEMALE 16PIN Top-Mount TYPE SHELL L9.17	
mm	1:1	3 of 3		
DRAWN	CHKD	APPR	DRAWING NO.	
Haisen Li	Diankui Wan	Jack Yin		
General Tolerances		THIRD ANGLE PROJECTION	CJ-CF216-016-16P	
x.xx±0.25 x.xx±0.20 x.xxx±0.15 ANGLES ±1°			REV A0	
A0	NEW RELEASE	2023.05.11		
REV	DESCRIPTION	DATE		