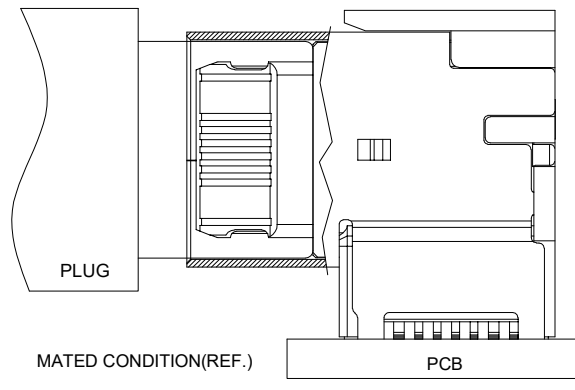
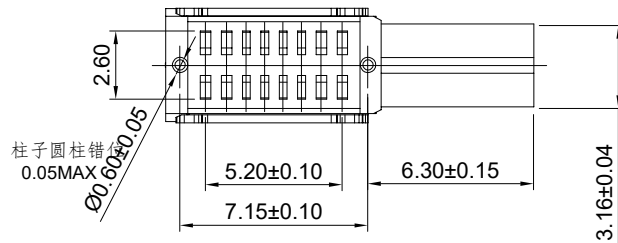
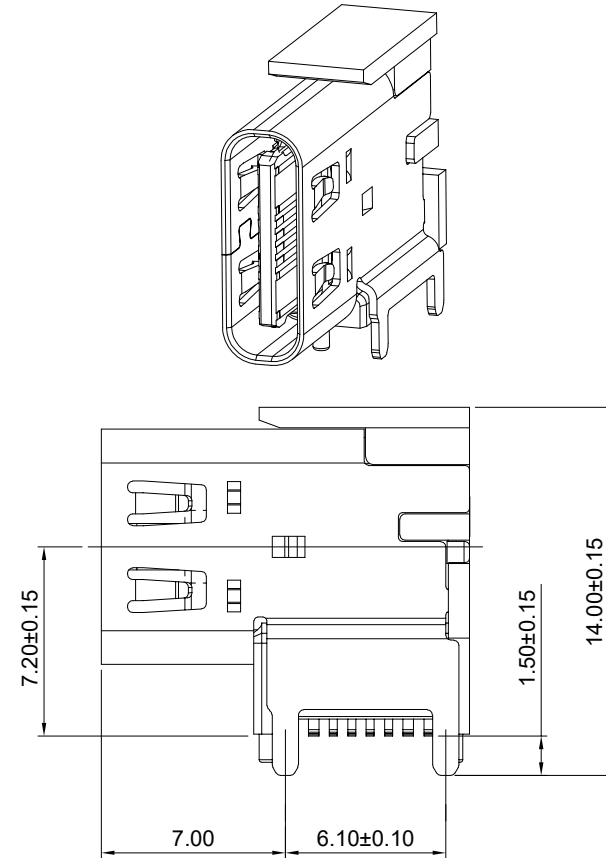
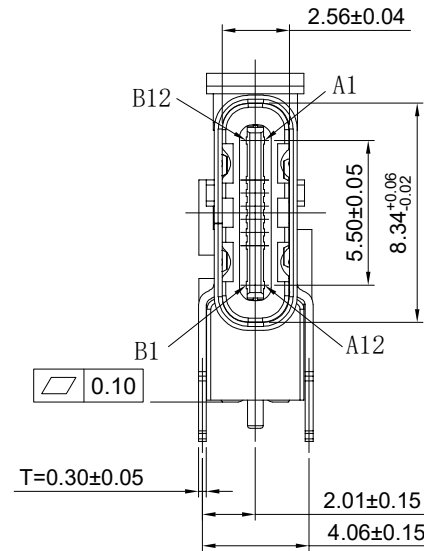
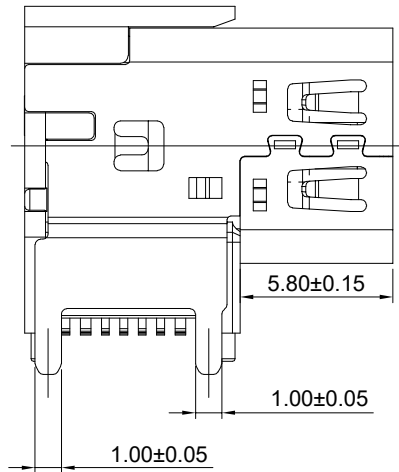
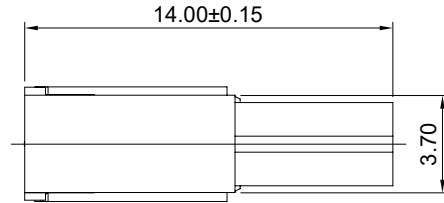
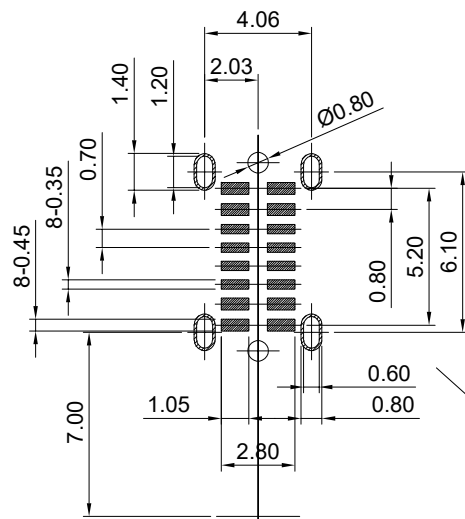




TYPE:

4	Shell	SUS304 T=0.30mm	Nickel 30u" Min Plating	1PCS
3	Shielding Plate	SUS301 T=0.15mm	---	1PCS
2	Contact	C7025 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	USB TYPE C FEMALE 16PIN UPRIGHT TYPE SHELL CH=7.20 L14.00mm	
DRAWN	CHK'D	APPR	DRAWING NO.	
Haisen Li	Diankui Wan	Jack Yin	CJ-CF616-006-16P	
General Tolerances			THIRD ANGLE PROJECTION	
x.xx±0.25 x.xxx±0.20 x.xxx±0.15 ANGLES ±1°			REV A0	

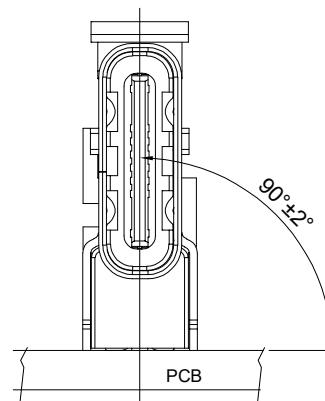


RECOMMEND P.C.B LAYOUT(TOW VIEW)
TOLERANCE FOR PCB LAYOUT IS ± 0.05

B12	A1
B9	A4
B8	A5
B7	A6
B6	A7
B5	A8
B4	A9
B1	A12

USB Type-C Pin Assignments

Pin Number	Signal Name	Pin Number	Signal Name
A1	GND	B12	GND
---	---	---	---
---	---	---	---
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
---	---	---	---
---	---	---	---
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: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:48H

Ordering Information:

CJ-CF616-006 - 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: 50μin[1.25μm Min.

G15: Select Gold:15μin[0.38μm]Min.

Select Reflowed Gold Flash: 0.6μin[0.015μm] Min

Overall Nickel Underplate: 30μin[0.76μm Min.

G30:Select Gold:30μin[0.76μm]Min.

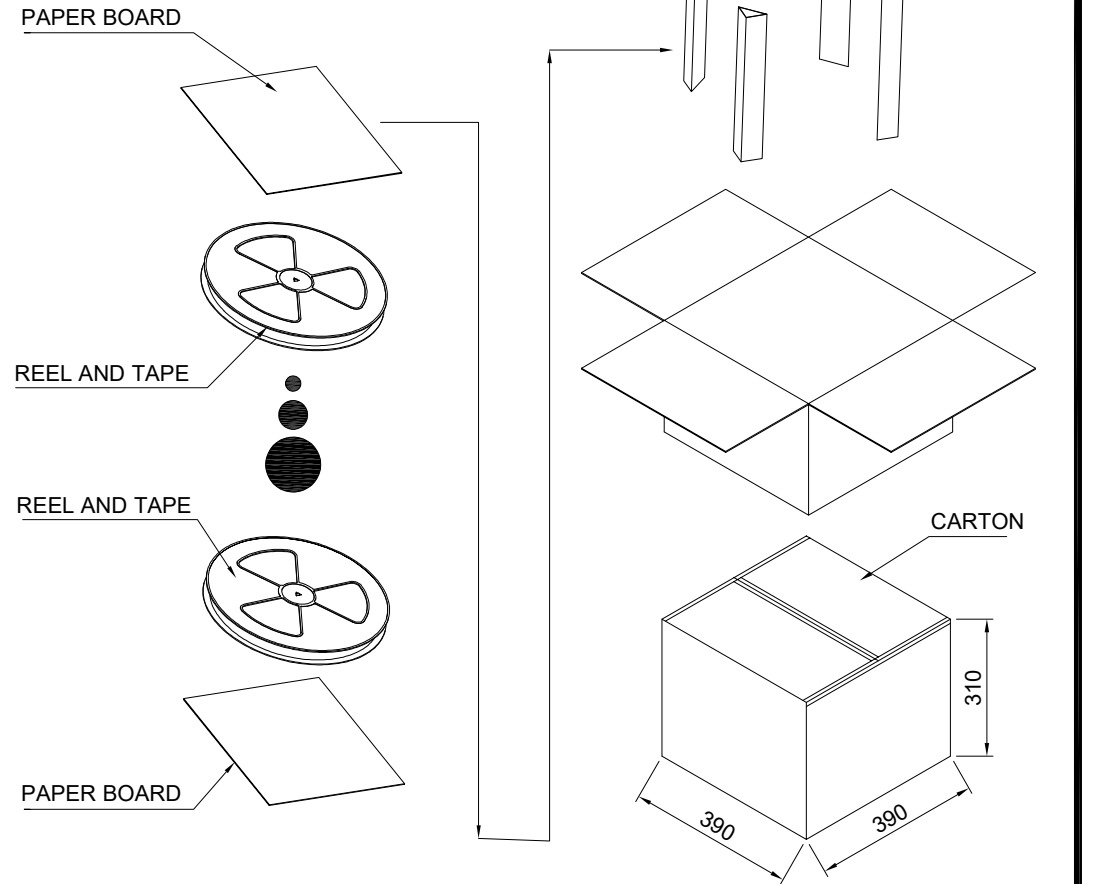
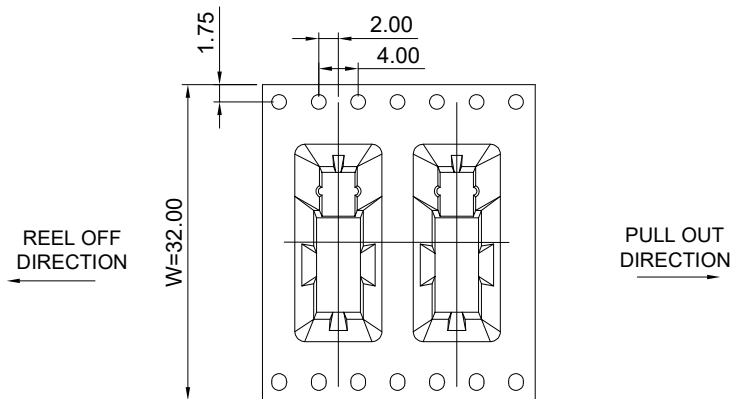
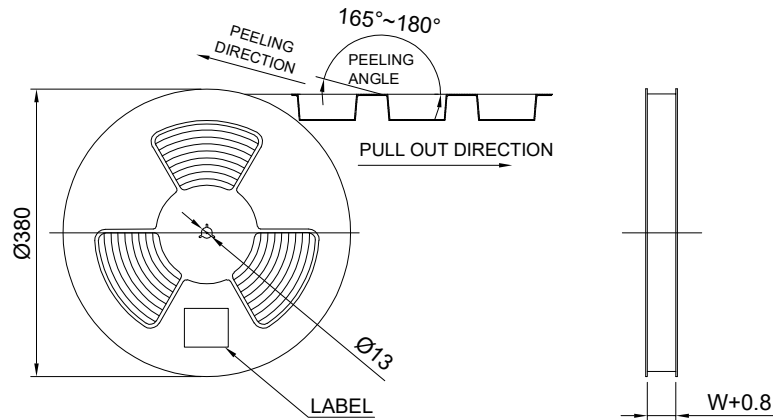
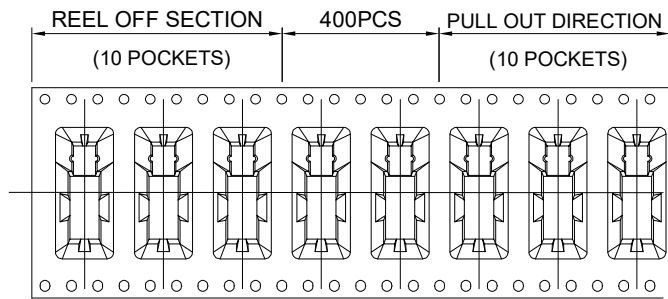
Select Reflowed Gold Flash: 0.6μin[0.015μm] Min

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 UPRIGHT TYPE SHELL CH=7.20 L14.00mm
DRAWN	CHK'D	APPR	
Haisen Li	Diankui Wan	Jack Yin	
General Tolerances			THIRD ANGLE PROJECTION
x.x±0.25			
x.xx±0.20			
x.xxx±0.15			
ANGLES ±1°			
DRAWING NO.			REV
CJ-CF616-006-16P			A0



	REEL	CARTON
CONNECTOR (PCS)	400	3200

CJTconn CHANGJIANG CONNECTORS CO.,LTD.			
Unit	Scale	Sheet	TITLE
mm	1:1	3 of 3	USB TYPE C FEMALE 16PIN UPRIGHT TYPE SHELL CH=7.20 L14.00mm
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.			REV
CJ-CF616-006-16P			A0

A0	NEW RELEASE	2023.08.15
REV	DESCRIPTION	DATE