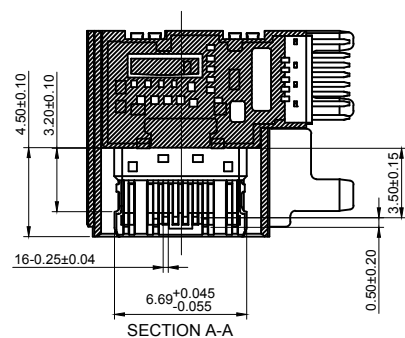
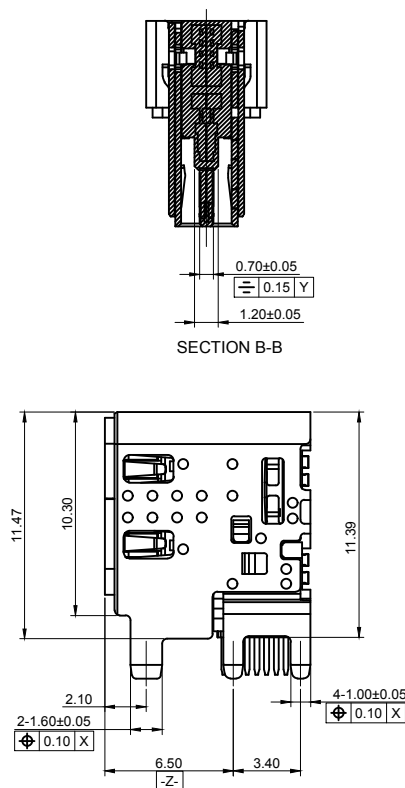
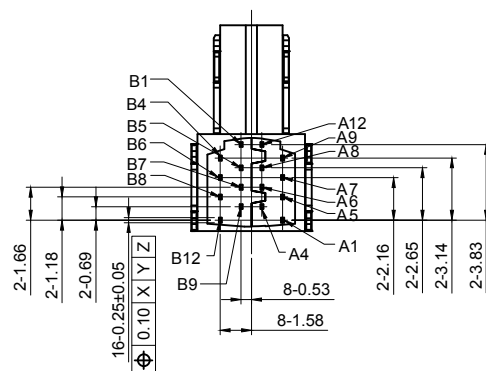
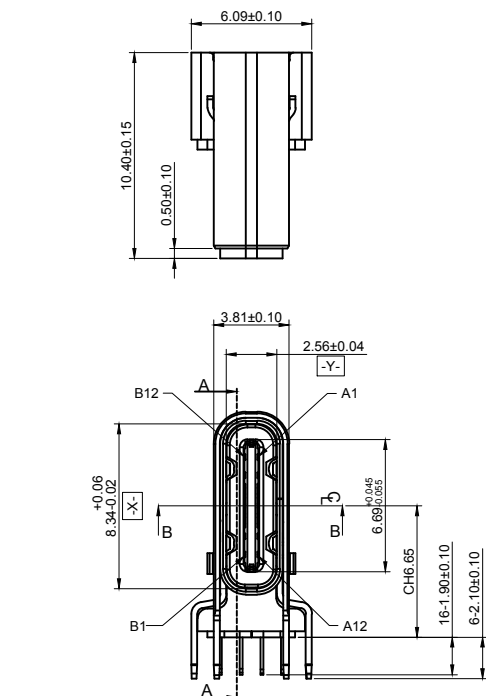


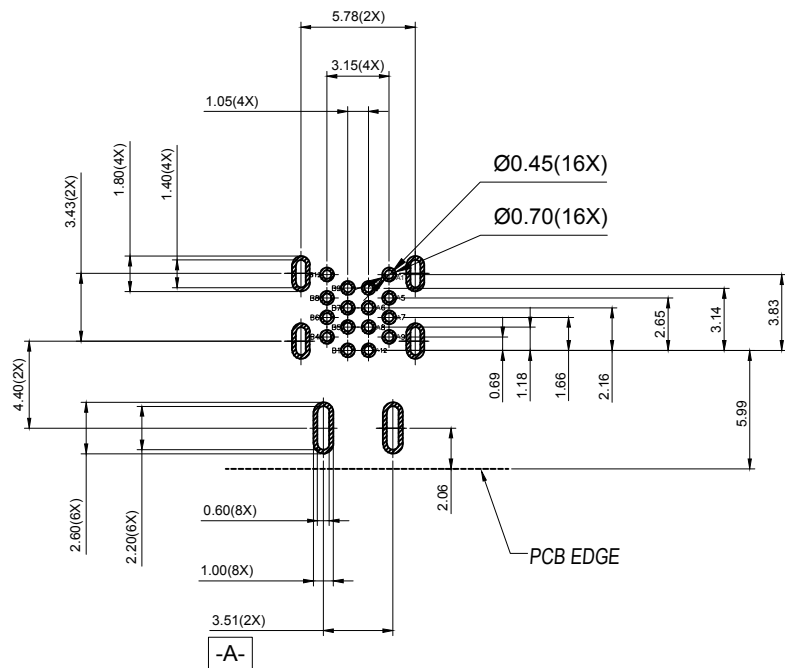
TYPE:

5	Out Shell	SUS304 T=0.30mm	Nickel 30u" Min Plating	1PCS
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	PA46 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	CHKD	APPR	USB TYPE C FEMALE 16PIN UPRIGHT TYPE SHELL CH=6.65	
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-CF289-16P	REV A0

A0	NEW RELEASE	2021.08.24
REV	DESCRIPTION	DATE



RECOMMENDED PCB LAYOUT T=1.00mm

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	---	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:

- 1.ELECTRICAL PERFORMANCE,
 - 1-1. CURRENT RATING:5 AMPS. FOR TOTAL VBUS/GND PINS;
1.25AMPS FOR CC PIN,
0.25 AMPS. FOR ALL OTHER CONTACT.
 - 1-2. VOLTAGE RATING:20 V DC/AC (RMS. MAX)
 - 1-3. CONTACT RESISTANCE: 40M Ω MAX INITIAL.
50M Ω MAX AFTER TEST
 - 1-4.DIELECTRIC WITHSTANDING VOLTAGE: 100V AC
 - 1-5.INSULATION RESISTANCE:100M Ω MIN
- 2.MECHANICAL PERFORMANCE,
 - 2-1.INSERTION FORCE: 5~20N.
 - 2-2.EXTRACTION FORCE: 8~20N.
 - 2-3.DURABILITY: 10000 CYCLES.
- 3.ENVIRONMENTAL PERFORMANCE:
 - OPERATING TEMPERATURE: -25°C~+85°C.
- 4.IR REFLOW:
 - THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.
- 5.COMPLIANCE WITH ROHS & HF REQUIREMENTS.
- 6.SALT SPRAY:48H

Ordering Information:

CJ-CF289 - 16P - *** - ***
1 2 3

1.Part NO.

2.Finish:

(Blank): Select Gold:1 μ m[0.025 μ m]Min.

Select Reflowed Gold Flash: 0.6 μ m[0.015 μ m] Min

Overall Nickel Underplate: 50 μ m[1.25 μ m] Min.

G15: Select Gold:15 μ m[0.38 μ m]Min.

Select reflowed matte tin: 80 μ m[2.03 μ m] Min

Overall Nickel Underplate: 30 μ m[0.76 μ m] Min.

G30: Select Gold:30 μ m[0.76 μ m]Min.

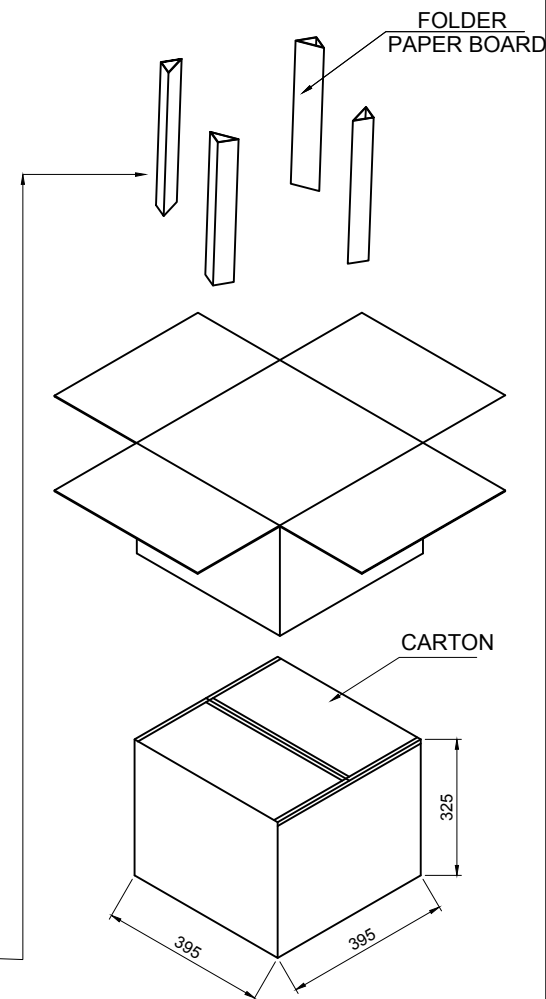
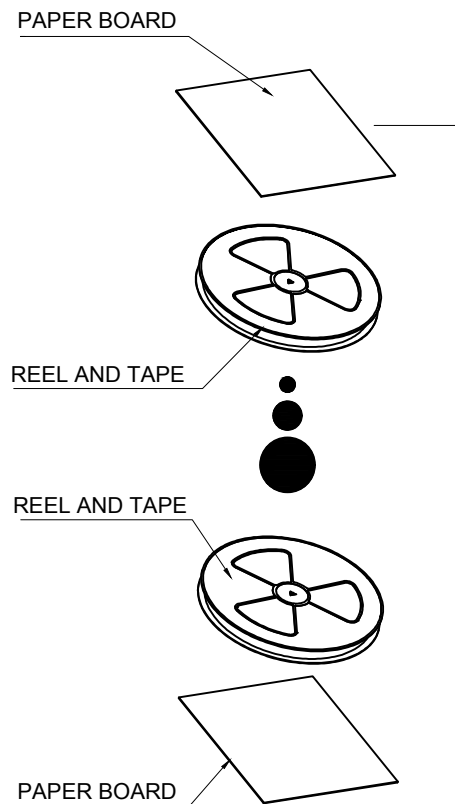
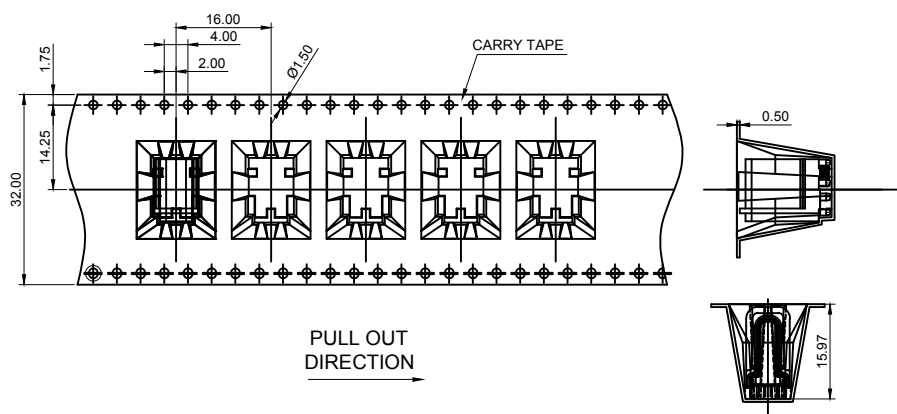
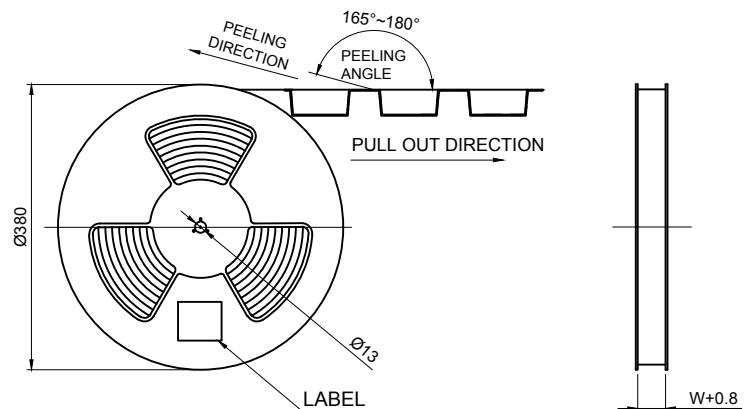
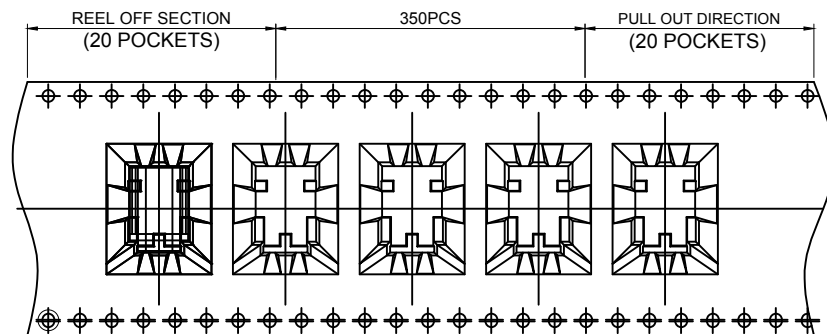
Select reflowed matte tin: 80 μ m[2.03 μ m] Min Overall

Nickel Underplate: 30 μ m[0.76 μ m] 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=6.65
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°			
			CJ-CF289-16P
			REV A0



	REEL	CARTON
CONNECTOR (PCS)	350	2800

CJTconn CHANGJIANG CONNECTORS CO.,LTD.			TITLE	
Unit	Scale	Sheet	USB TYPE C FEMALE 16PIN UPRIGHT TYPE SHELL CH=6.65	
mm	1:1	3 of 3		
DRAWN	CHKD	APPR	DRAWING NO.	
Haisen Li	Diankui Wan	Jack Yin		
General Tolerances		THIRD ANGLE PROJECTION	CJ-CF289-16P	
x.xx±0.25 x.xx±0.20 x.xxx±0.15 ANGLES ±1°				
A0	NEW RELEASE	2021.08.24	REV	
REV	DESCRIPTION	DATE		