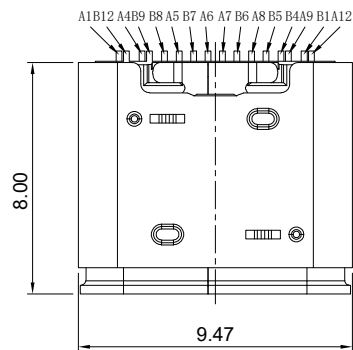
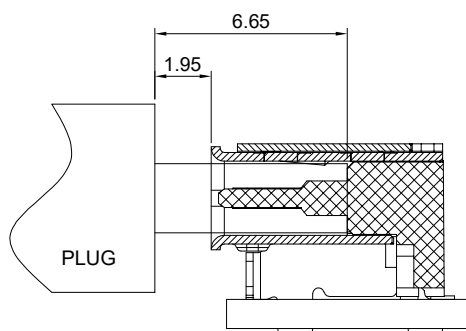
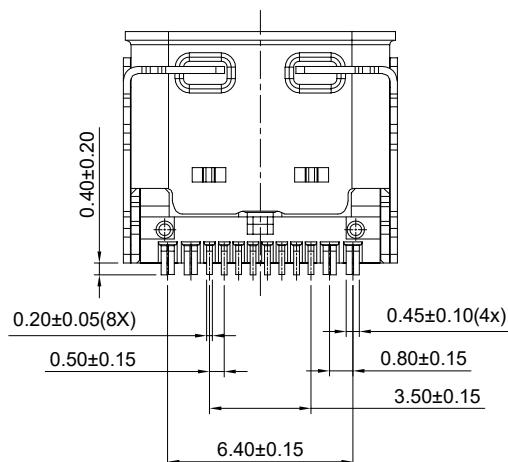
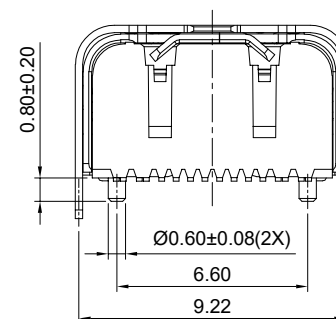
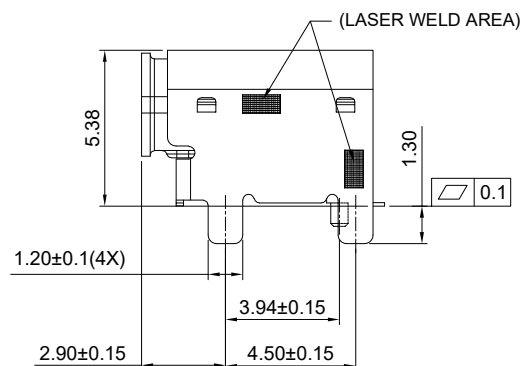
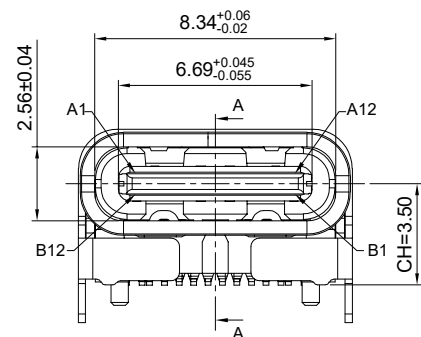
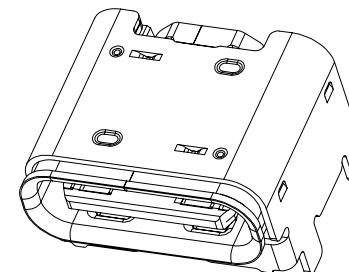


SECTION A-A



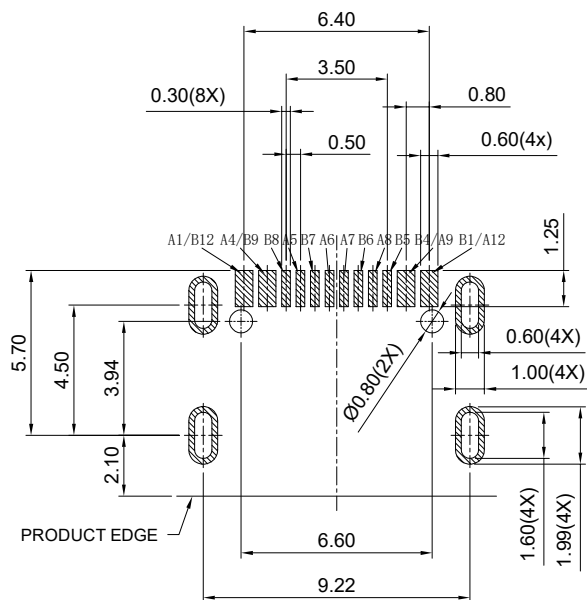
Mated Condition(REF.)

TYPE:

5	OUT Shell	SUS304 T=0.25mm	Nickel 30u" Min Plating	1PCS
4	INNER Shell	SUS304 T=0.30mm	Nickel 30u" Min Plating	1PCS
3	Shielding Plate	SUS301 T=0.15mm	---	1PCS
2	Contact	C18400-H T=0.12mm	Au 3u"Plated On Vontact Area GF Plated On Solder Area; Nickel 50u"Min Under Plating Over All.	1SET
1	Housing	PA9T 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 TOP-MOUNT TYPE SHELL L8.00MM CH3.5MM
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 ANGI ES: +1°			DRAWING NO.
			REV
			A0
CJ-CF216-007-16P			

A0	NEW RELEASE	2022.05.17
REV	DESCRIPTION	DATE



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
---	---	---	---
---	---	---	---
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-CF216 - 007 - 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: 50μin[1.25μm] Min.

G15: Select Gold: 15μin[0.38μm] Min.

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

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

G30: Select Gold: 30μin[0.76μm] Min.

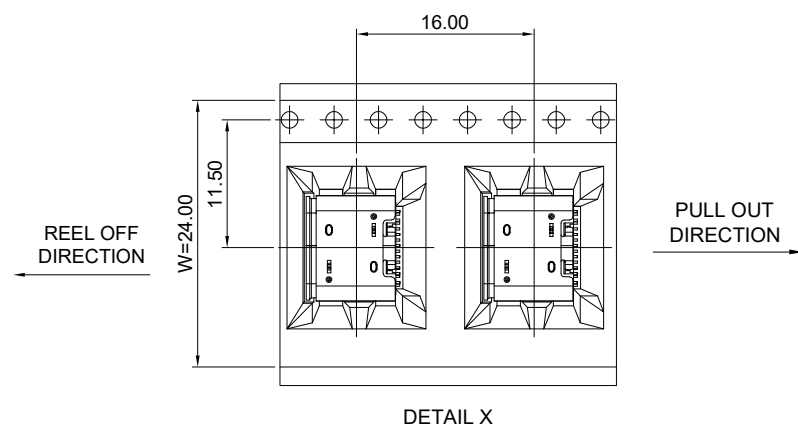
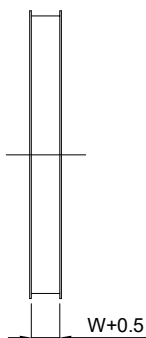
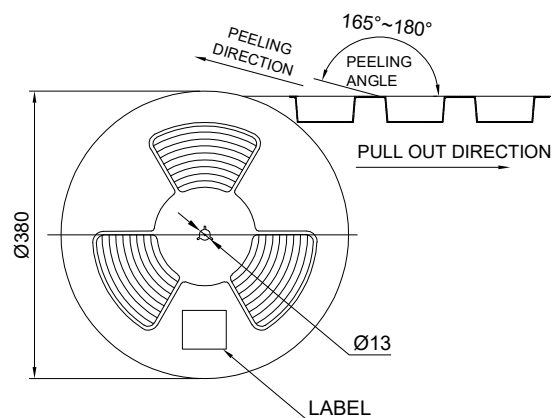
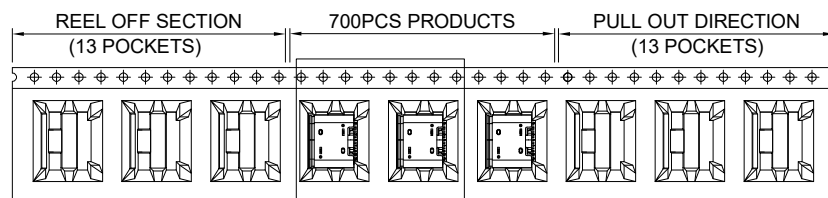
Select Reflowed Gold Flash: 0.6μin[0.015μm] Min

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 16PIN TOP-MOUNT TYPE SHELL L8.00MM CH3.5MM
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-CF216-007-16P
A0	NEW RELEASE	2022.05.17	
REV	DESCRIPTION	DATE	REV A0



PAPER BOARD

REEL AND TAPE

REEL AND TAPE

PAPER BOARD

FOLDER
PAPER BOARD

CARTON

	REEL	CARTON
CONNECTOR (PCS)	700	7000

CJTconn			CHANGJIANG CONNECTORS CO.,LTD.	
Unit	Scale	Sheet	TITLE USB TYPE C FEMALE 16PIN TOP-MOUNT TYPE SHELL L8.00MM CH3.5MM	
mm	1:1	3 of 3		
DRAWN	CHK'D	APPR		
Haisen Li	Diankui Wan	Jack Yin		
General Tolerances		THIRD ANGLE PROJECTION	DRAWING NO.	REV A0
x.x±0.25				
x.xx±0.20				
x.xxx±0.15				
ANGLES ±1°		CJ-CF216-007-16P		