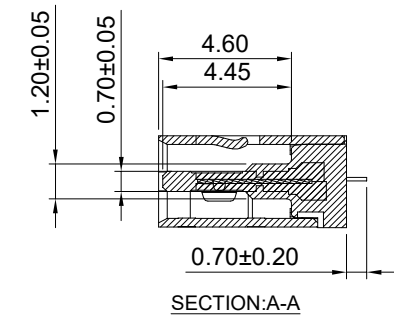
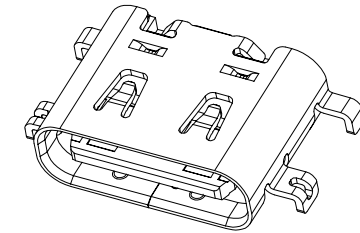
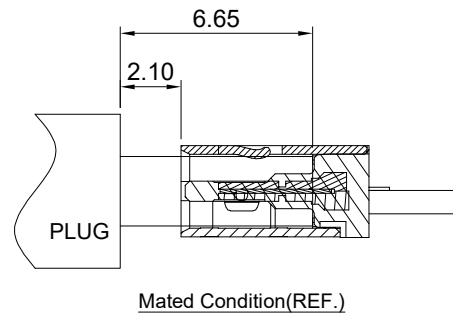
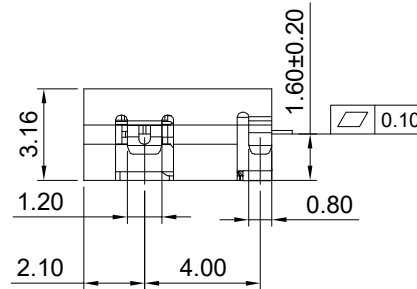
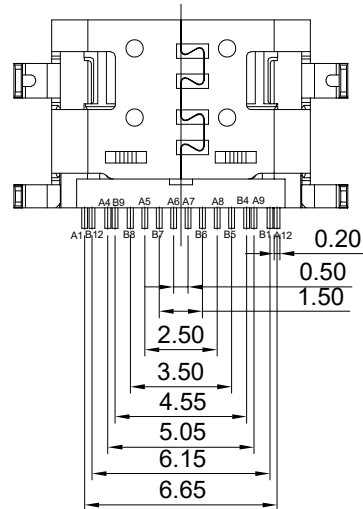
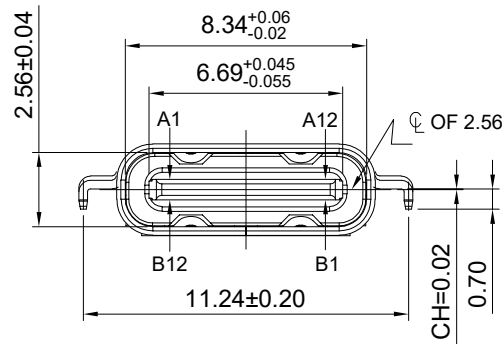
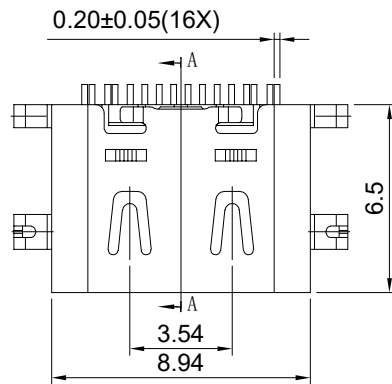




TYPE:

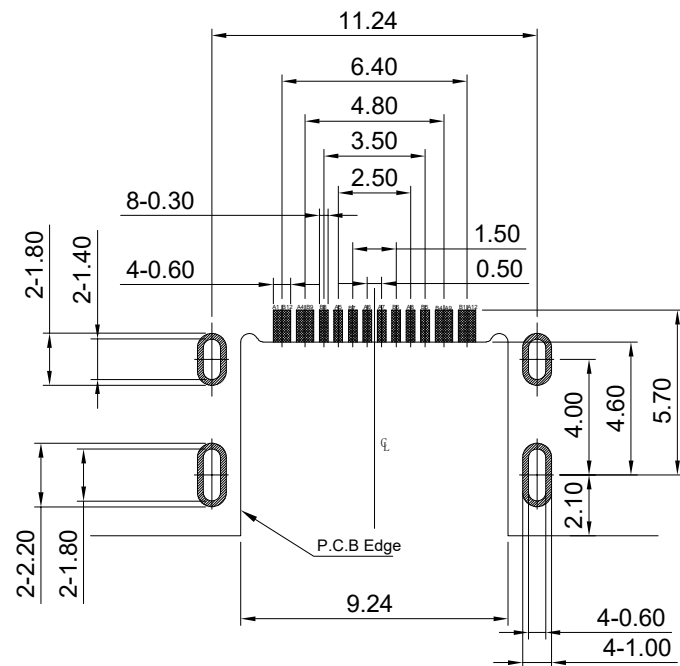
4	Shell	SUS304 T=0.30mm	Nickel 30u" Min Plating	1PCS
3	Shielding Plate	SUS301 T=0.15mm	---	1PCS
2	Contact	C18400-H T=0.12mm	Au 3u"Plated On Vontact Area GF Plated On Solder Area; Nickel 50u"Min Under Plating Over All.	1SET
1	Housing	PA9T UL94V-0	Black	1PCS
No.	Description	Material	Remarks	QTY

CJTconn

CHANGJIANG CONNECTORS CO.,LTD.

Unit	Scale	Sheet	TITLE USB TYPE C FEMALE 16PIN Mid-Mount TYPE SHELL L6.50mm	
mm	1:1	1 of 3		
DRAWN	CHK'D	APPR		
Haisen Li	Diankui Wan	Jack Yin		
General Tolerances		THIRD ANGLE PROJECTION	DRAWING NO. CJ-CF178-16P	REV A0
x.xx±0.25				
x.xxx±0.20				
x.xxxx±0.15				
ANGLES ±1°				

REV	DESCRIPTION	DATE
A0	NEW RELEASE	2022.07.12



Recommended PCB Layout
General Tolerance ± 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: 40m Ω MAX INITIAL.
50m Ω MAX AFTER TEST
 - DIELECTRIC WITHSTANDING VOLTAGE: 100V AC
 - INSULATION RESISTANCE: 100M Ω 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.

Ordering Information:

CJ-CF178 - 16P - *** - ***
1 2 3

1.Part NO.

2.Finish:

(Blank): Select Gold: 3 μ m[0.076 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 Gold Flash: 0.6 μ m[0.015 μ m] Min

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

G30: Select Gold: 30 μ m[0.76 μ m]Min.

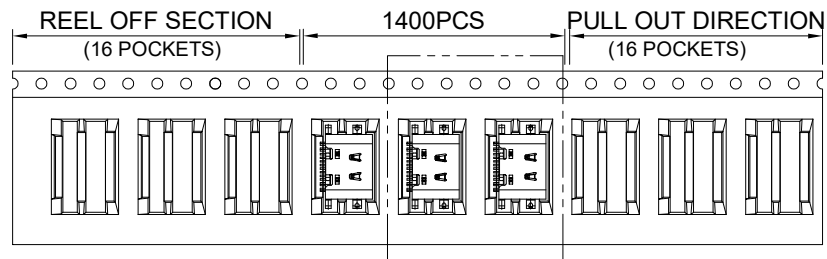
Select Reflowed Gold Flash: 0.6 μ m[0.015 μ m] Min

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

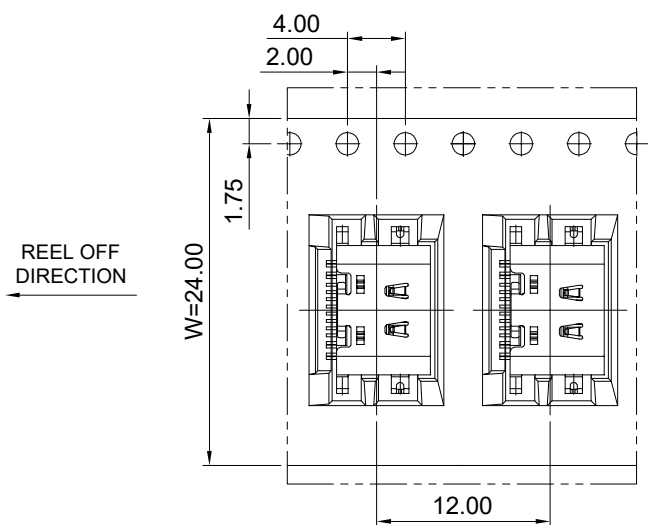
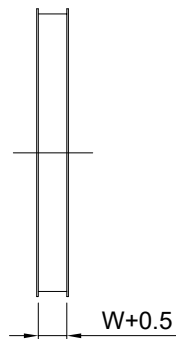
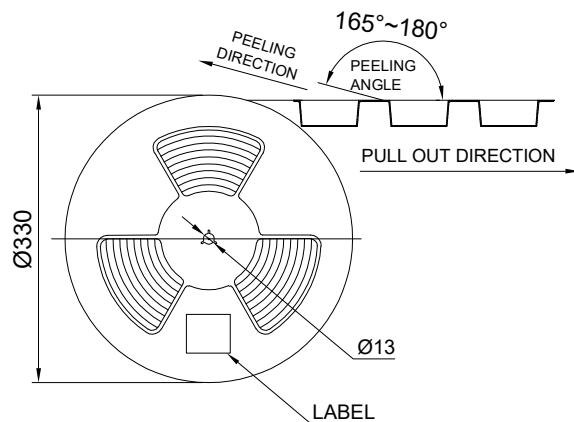
3.Packing:

(Blank): Tape & Reel

CJTconn CHANGJIANG CONNECTORS CO.,LTD.			
Unit	Scale	Sheet	TITLE
mm	1:1	2 of 3	USB TYPE C FEMALE 16PIN Mid-Mount TYPE SHELL L6.50mm
DRAWN	CHK'D	APPR	
Haisen Li	Diankui Wan	Jack Yin	
General Tolerances		THIRD ANGLE PROJECTION	DRAWING NO.
x.x $\pm$ 0.25 x.xx $\pm$ 0.20 x.xxx $\pm$ 0.15 ANGLES $\pm 1^\circ$			CJ-CF178-16P
A0	NEW RELEASE	2022.07.12	
REV	DESCRIPTION	DATE	REV A0



SEE DETAIL X



PAPER BOARD

REEL AND TAPE

REEL AND TAPE

PAPER BOARD

FOLDER
PAPER BOARD

CARTON

	REEL	CARTON
CONNECTOR (PCS)	1400	14000

CJTconn
CHANGJIANG CONNECTORS CO.,LTD.

Unit	Scale	Sheet	TITLE
mm	1:1	3 of 3	USB TYPE C FEMALE 16PIN Mid-Mount TYPE SHELL L6.50mm
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-CF178-16P			A0

A0	NEW RELEASE	2022.07.12
REV	DESCRIPTION	DATE