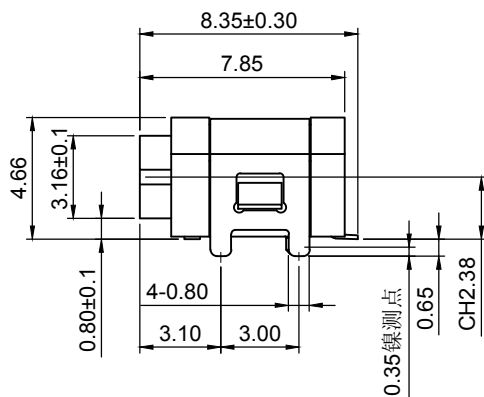
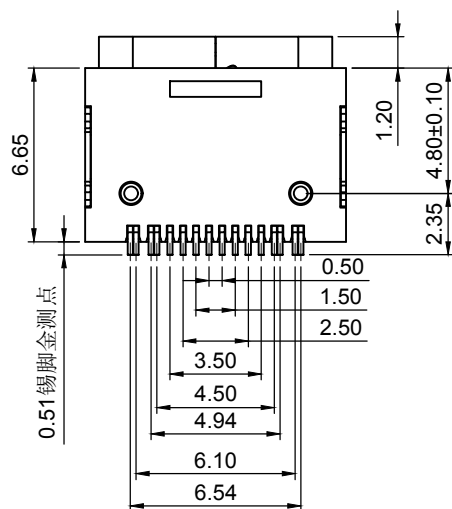
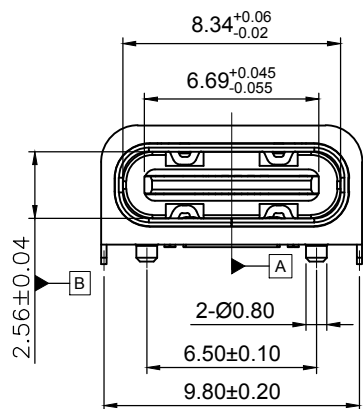
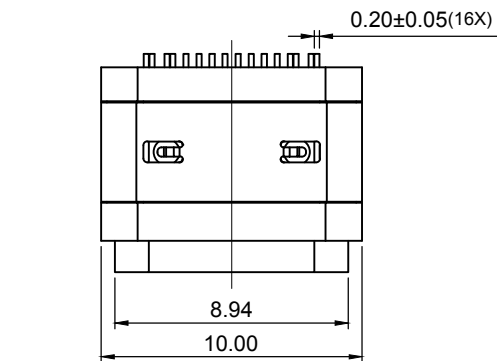
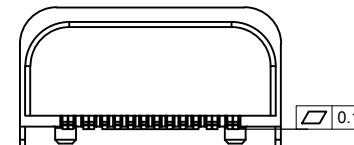
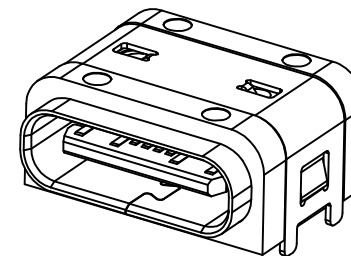


MATED CONDITION(REF.)



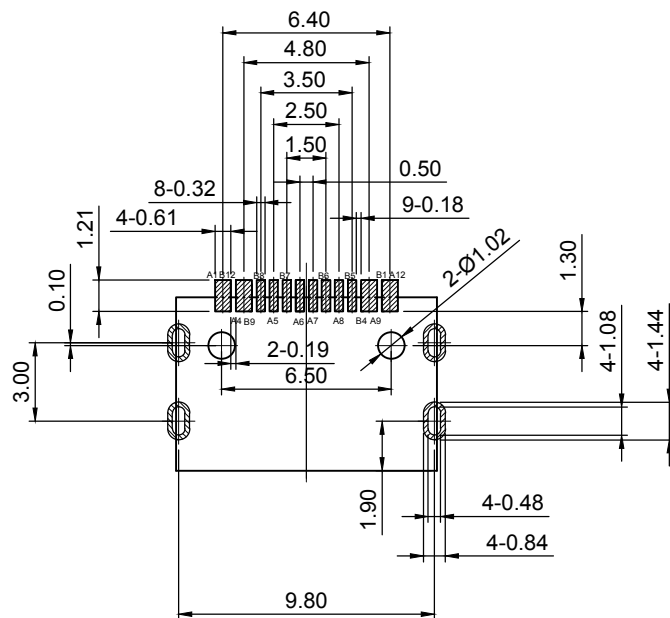
TYPE:

8	LIM	Silicone Hardness 60A	UL94V-0,BLACK	
7	GLUE	Silicone	UL94V-0	1PCS
6	SHELL HOUSING	PA9T UL94V-0	Black	1PCS
5	Outer Shell	SUS304 T=0.20mm	Nickel 40u" Min Plating	1PCS
4	Inner Shell	SUS304 T=0.30mm	Nickel 40u" Min Plating	1PCS
3	Mid Plate	SUS301 T=0.15mm	Nickel 50u" Min Plating	1PCS
2	Contact	C7025 T=0.15mm	Au 1u"Plated On Vontact Area GF Plated On Solder Area; Nickel 30u"Min Under Plating Over All.	1SET
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 4	USB TYPE C FEMALE 16PIN WATERPROOF IP67 CH=2.38, L7.85,SOLDER TAB=0.65	
DRAWN Haisen Li	CHKD Diankui Wan	APPR Jack Yin	DRAWING NO. CJ-CFW16-042-16P	
General Tolerances x.x±0.25 x.xx±0.20 x.xxx±0.15 ANGLES ±1°		THIRD ANGLE PROJECTION 		REV A0

A0	NEW RELEASE	2021.05.23
REV	DESCRIPTION	DATE



RECOMMENDED PCB LAYOUT
Tolerance:±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

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
- Waterproof Level:IPX7

Ordering Information:

CJ-CFW16-042 - 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.

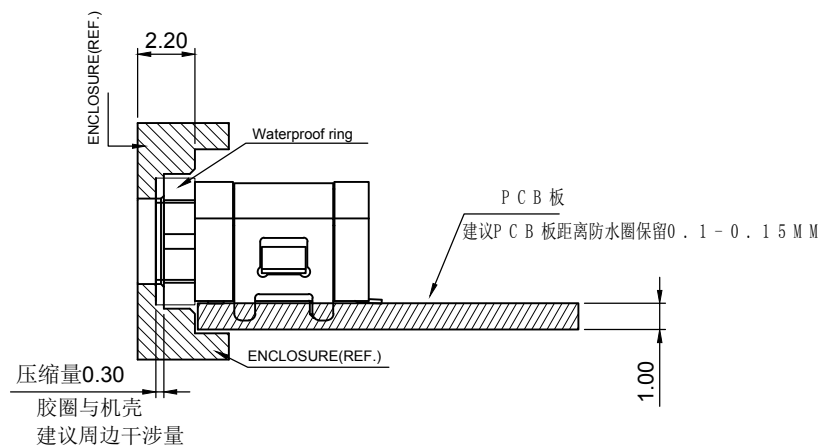
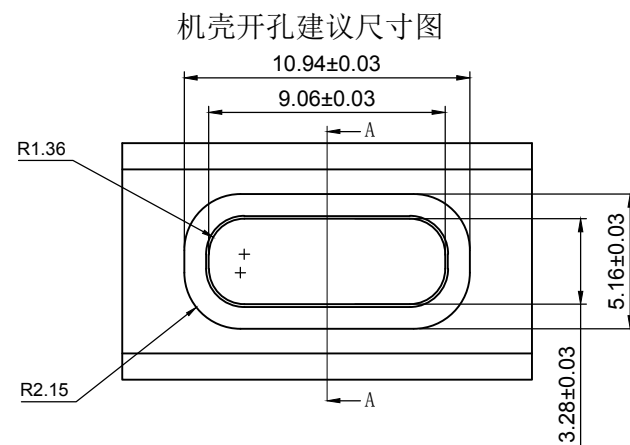
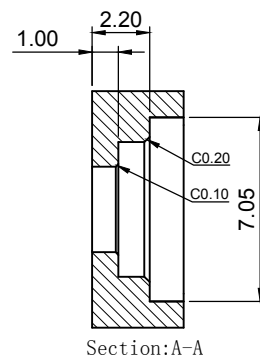
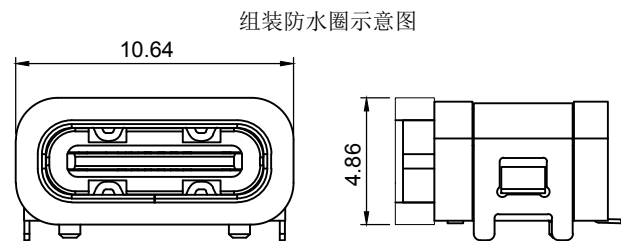
3.Packing:

(Blank): Tape & Reel

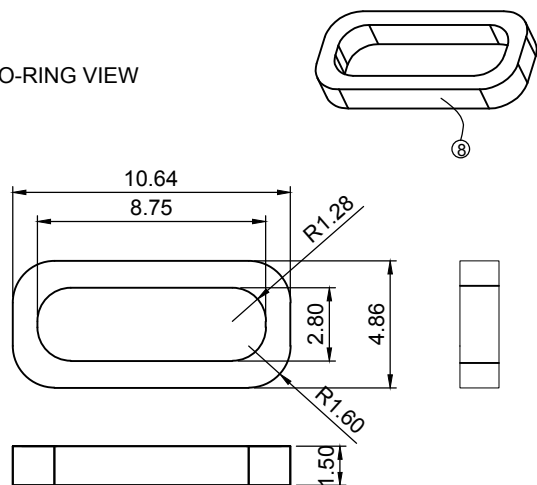
CJTconn

CHANGJIANG CONNECTORS CO.,LTD.

Unit	Scale	Sheet	TITLE
mm	1:1	2 of 4	
DRAWN Haisen Li	CHKD Diankui Wan	APPR Jack Yin	USB TYPE C FEMALE 16PIN WATERPROOF IP67 CH=2.38, L7.85,SOLDER TAB=0.65
General Tolerances			THIRD ANGLE PROJECTION
x.xx±0.25 x.xx±0.20 x.xxx±0.15 ANGLES ±1°			
A0	NEW RELEASE	2021.05.23	
REV	DESCRIPTION	DATE	
DRAWING NO.			REV
CJ-CFW16-042-16P			A0

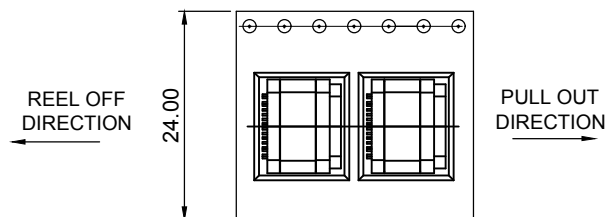
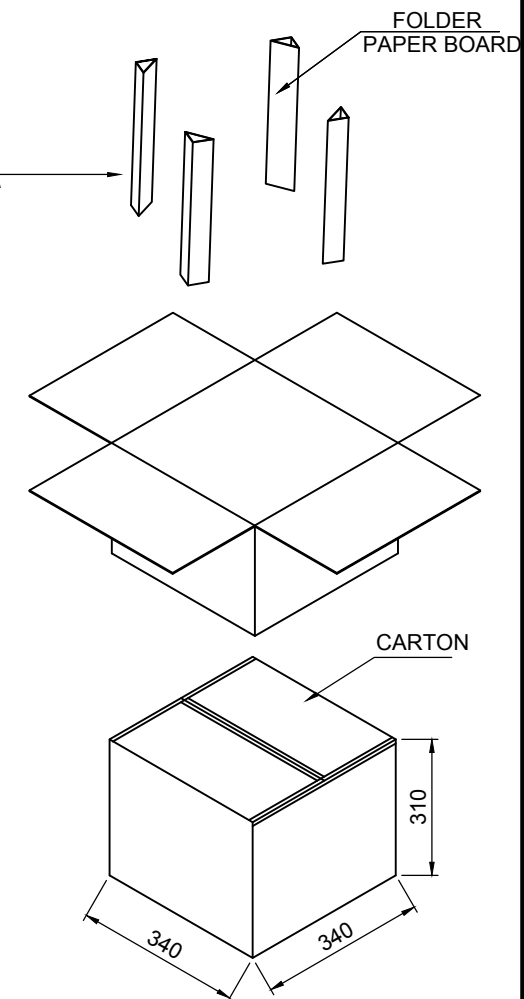
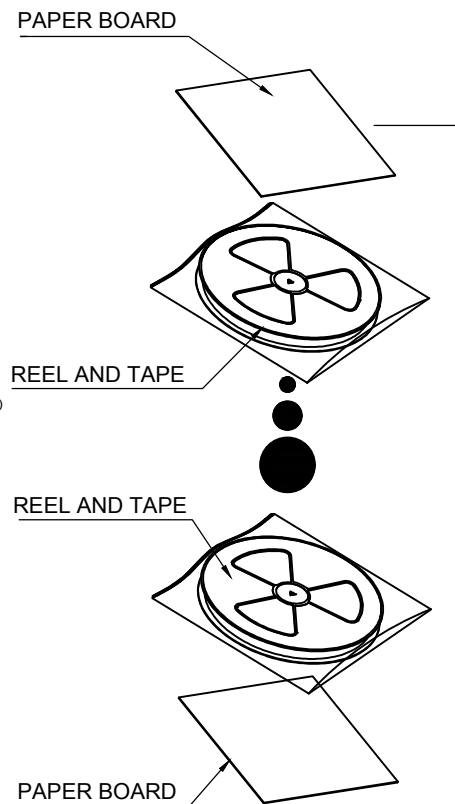
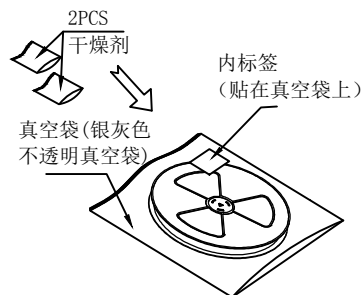
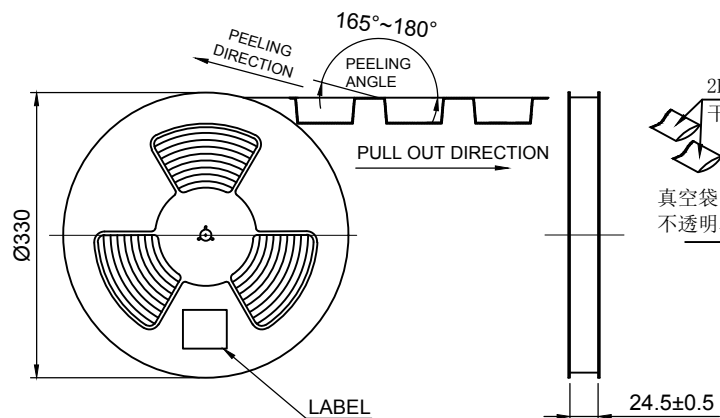
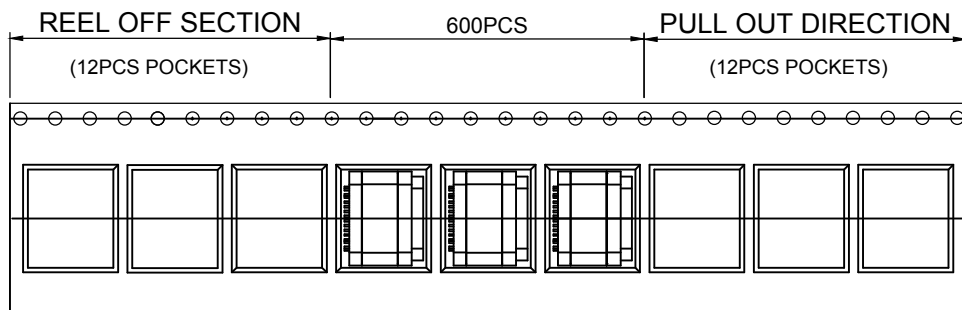


O-RING VIEW



RECOMMENDED SCHEMATIC DRAWING
OF CONNECTOR MATCH CHASSIS

CJTconn			CHANGJIANG CONNECTORS CO.,LTD.
Unit	Scale	Sheet	TITLE
mm	1:1	3 of 4	USB TYPE C FEMALE 16PIN WATERPROOF IP67 CH=2.38, L7.85,SOLDER TAB=0.65
DRAWN	CHK'D	APPR	
Haisen Li	Diankui Wan	Jack Yin	
General Tolerances		THIRD ANGLE PROJECTION	
x.xx±0.25 x.xx±0.20 x.xxx±0.15 ANGLES ±1°			DRAWING NO.
			CJ-CFW16-042-16P
			REV A0



	REEL	CARTON
CONNECTOR (PCS)	600	6000

CJTconn CHANGJIANG CONNECTORS CO.,LTD.			
Unit	Scale	Sheet	TITLE
mm	1:1	4 of 4	USB TYPE C FEMALE 16PIN WATERPROOF IP67 CH=2.38, L7.85,SOLDER TAB=0.65
DRAWN	CHKD	APPR	
Haisen Li	Diankui Wan	Jack Yin	
General Tolerances		THIRD ANGLE PROJECTION	DRAWING NO.
x.xx $\pm$ 0.25 x.xx $\pm$ 0.20 x.xxx $\pm$ 0.15 ANGLES $\pm 1^{\circ}$			CJ-CFW16-042-16P
A0	NEW RELEASE	2021.05.23	REV A0
REV	DESCRIPTION	DATE	