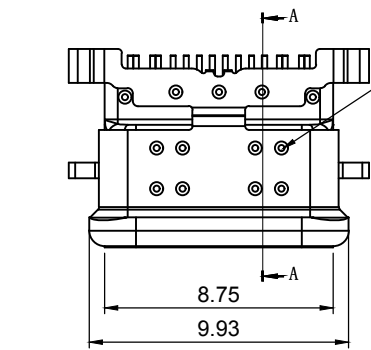
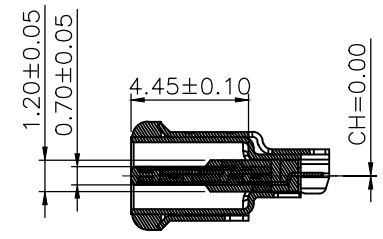
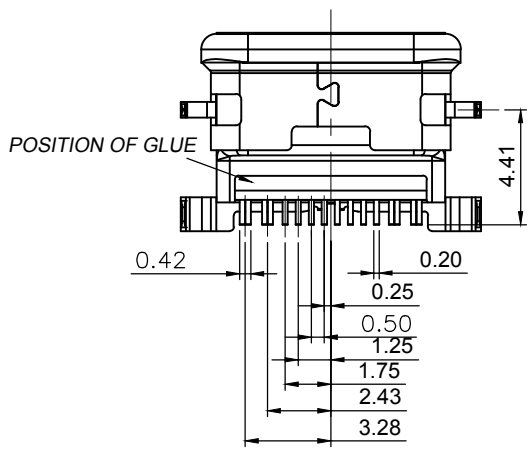
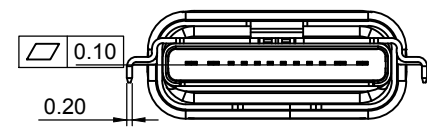
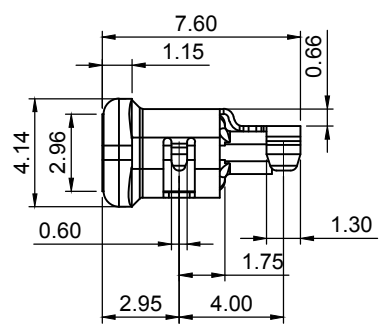
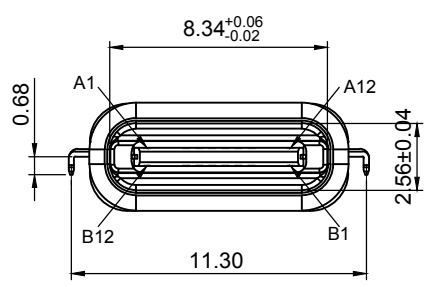
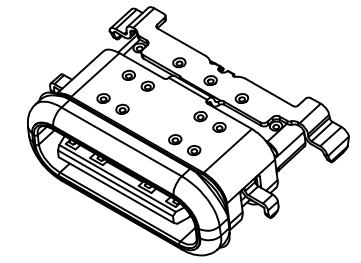
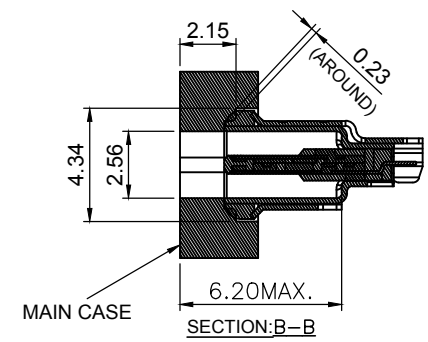
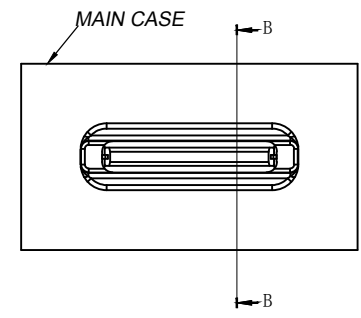




LASER WELDING POINT(13X)

RECOMMENDED OPENING DIMENSIONS
OF CASE MATING AREA WITH SEALING RING



SECTION:A-A

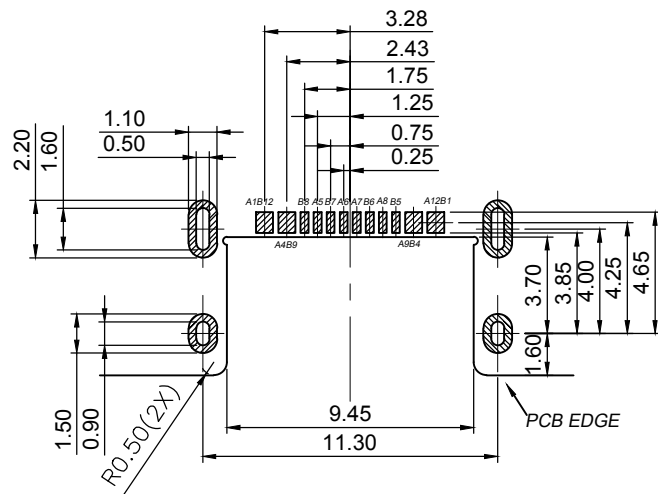
TYPE:

7	Out Gasket	UV Glue,Red	UL94V-0	1PCS
6	Glue	Silicone	UL94V-0	1PCS
5	Outer Shell	SUS304 T=0.20mm	Ni 30u" Min. Under Plated Over All.	1PCS
4	Inner Shell	SUS316 T=0.20mm	Ni 30u" Min. Under Plated Over All.	1PCS
3	Mid Plate	SUS301 T=0.15mm	Clear Only	1PCS
2	Contact	C18400 T=0.12mm	Au 3u"Plated On Vontact Area G/F Plated On Solder Area; Nickel 30u"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 WATERPROOF IP67 MID-MOUNT CH=0.0	
mm	1:1	1 of 3		
DRAWN Haisen Li	CHKD Diankui Wan	APPR Jack Yin		
General Tolerances		THIRD ANGLE PROJECTION	DRAWING NO.	REV A0
x.xx±0.25 x.xx±0.20 x.xxx±0.15 ANGLES ±1°			CJ-CFW16-009-16P	

A0	NEW RELEASE	2022.05.10
REV	DESCRIPTION	DATE

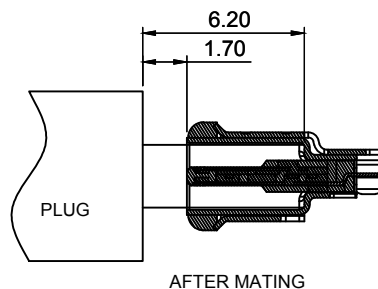


RECOMMENDED PCB LAYOUT(TOP VIEW)

THICKNESS 1.0±0.10MM;DEFAULT TOLERANCE:±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



AFTER MATING

REV	DESCRIPTION	DATE
A0	NEW RELEASE	2022.07.18

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.
- Waterproof Level:IP67,1.0m/30min

Ordering Information:

CJ-CFW16-009 - 16P - *** - ***
1 2 3

1.Part NO.

2.Finish:

(Blank): Select Gold:3μin[0.075μm]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.

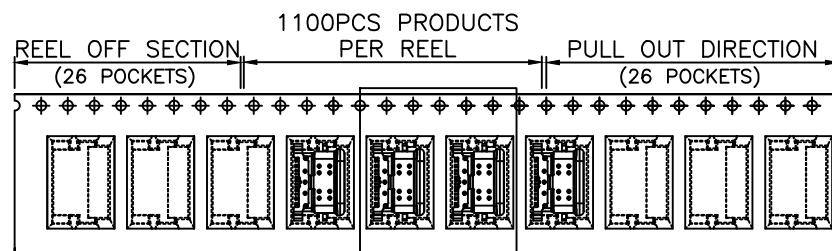
G30: Select Gold:30μin[0.76μm]Min.

Select reflowed matte tin: 80μin[2.03μm] Min Overall
Nickel Underplate: 30μin[0.76μm] Min.

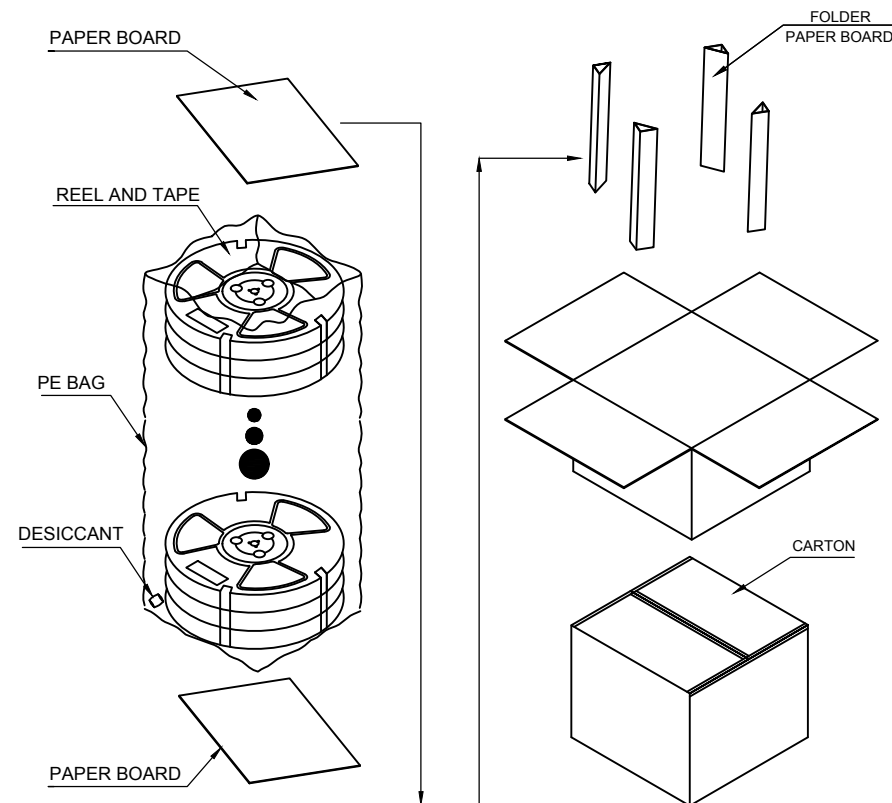
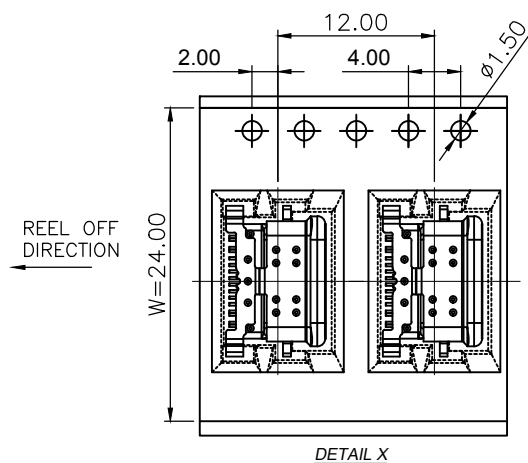
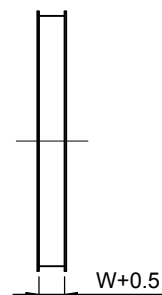
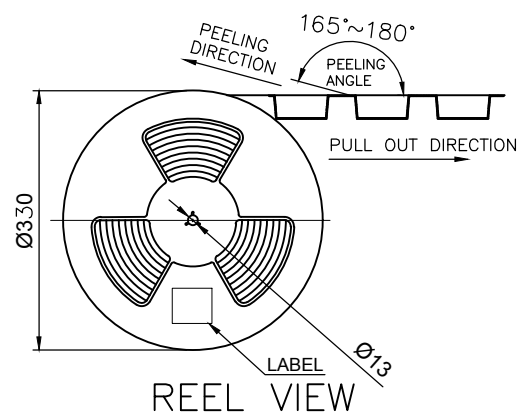
3.Packing:

(Blank): Tape & Reel

CJTconn				CHANGJIANG CONNECTORS CO.,LTD.	
Unit	Scale	Sheet	TITLE		
mm	1:1	2 of 3	USB TYPE C FEMALE 16PIN WATERPROOF IP67 MID-MOUNT CH=0.0		
DRAWN	CHK'D	APPR			
Haisen Li	Diankui Wan	Jack Yin			
General Tolerances		THIRD ANGLE PROJECTION	DRAWING NO.		REV
x.x±0.25 x.xx±0.20 x.xxx±0.15 ANGLES ±1°			CJ-CFW16-009-16P		A0



SEE DETAIL X



	REEL	CARTON
CONNECTOR (PCS)	1100	11000

CJTconn CHANGJIANG CONNECTORS CO.,LTD.			TITLE
Unit	Scale	Sheet	USB TYPE C FEMALE 16PIN WATERPROOF IP67 MID-MOUNT CH=0.0
mm	1:1	3 of 3	
DRAWN	CHKD	APPR	DRAWING NO. CJ-CFW16-009-16P
Haisen Li	Diankui Wan	Jack Yin	
General Tolerances		THIRD ANGLE PROJECTION	REV A0
x.xx±0.25 x.xx±0.20 x.xxx±0.15 ANGLES ±1°			

A0	NEW RELEASE	2022.07.18
REV	DESCRIPTION	DATE