

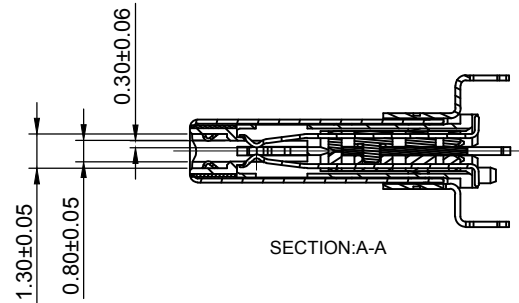
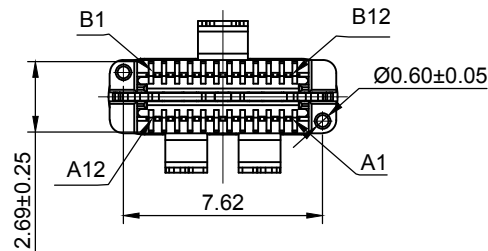
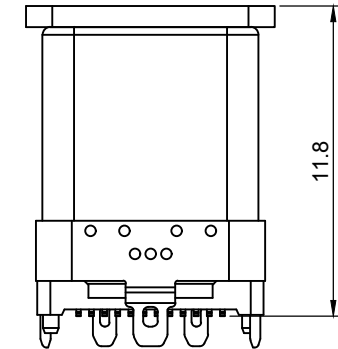
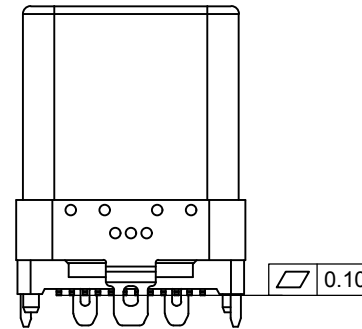
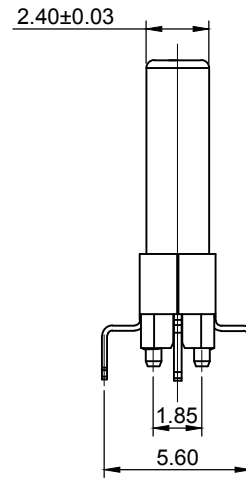
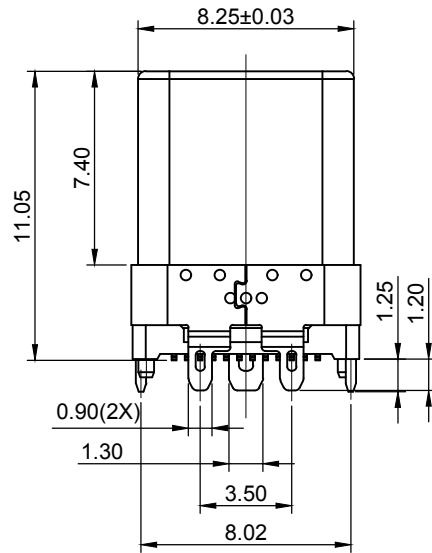
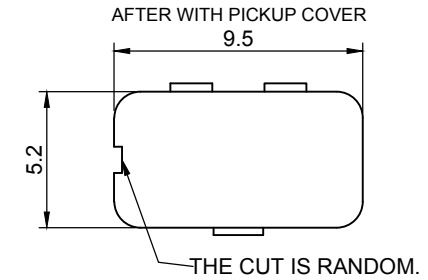
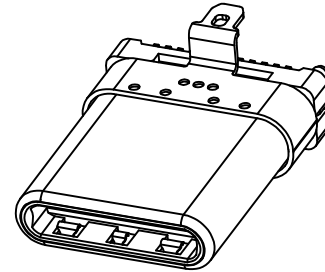
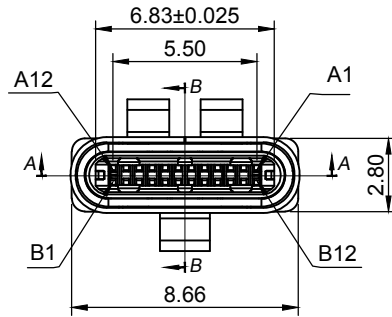


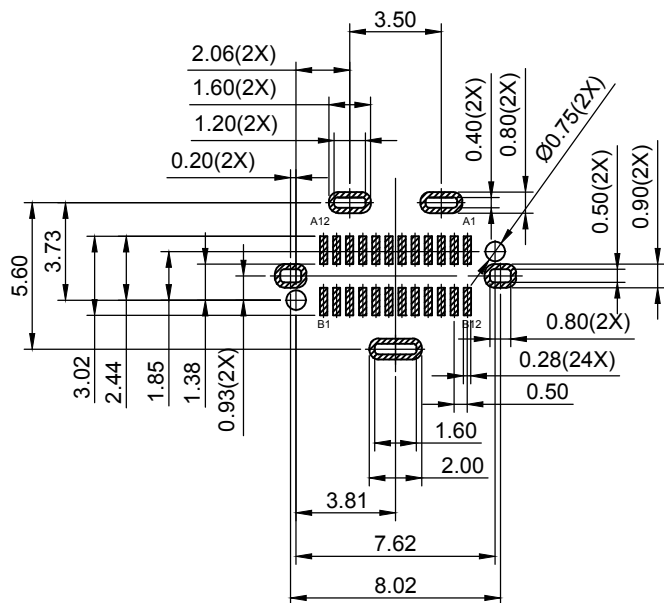
TABLE:

7	CAP	1	LCP UL94V-0	Color: Black
6	Back Shell	1	Stainless Steel SUS304 T=0.20	NICKEL 30U" MIN PLATED
5	Housing	4	LCP UL94V-0	Color: Black
4	Latch	1	Stainless Steel SUS301 T=0.30	Tin plated 80u"min on solder area; Nickel 50u"min underplating over all.
3	Contact	24	Copper Alloy C7025 T=0.15	3u"gold plated on Contact area, Matte Tin plated on Solderails, Nickel underplating over all
2	Emc Spring	2	Stainless Steel SUS304 T=0.10	
1	Front Shell	1	Stainless Steel SUS316L T=0.15	NICKEL 30U" MIN PLATED
ITEM	NAME	QTY.	MATERIAL	DESCRIPTION

CJTconn CHANGJIANG CONNECTORS CO.,LTD.

Unit	Scale	Sheet	TITLE
mm	1:1	1 of 3	USB TYPE-C 24P MALE Vertical H=11.1
DRAWN	CHKD	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-CM24011-24P
REV		DESCRIPTION	DATE
A0		NEW RELEASE	2023.04.12
REV		DESCRIPTION	DATE

REV
A0



RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.8±0.10MM;DEFAULT TOLERANCE:±0.05

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
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	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND

Specifications:

- Electrical Performance,
 - Current Rating:5 Amps. For Total VBUS/GND Pins;
0.5Amps For CC Pin,
0.25 Amps. For All Other Contact.
 - Voltage Rating:20V DC/AC (Rms. Max)
 - Contact Resistance: 40mΩ Max Initial.
50mΩ Max After Test
 - Dielectric Withstanding Voltage: 100V AV
 - 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.

Ordering Information:

CJ-CM24011 - 24P - *** - ***
1 2 3

1.Part NO.

2.Finish:

(Blank): Select Gold:3μin[0.076μm]Min.

Select Reflowed Tin: 60μin[1.5μm] 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.

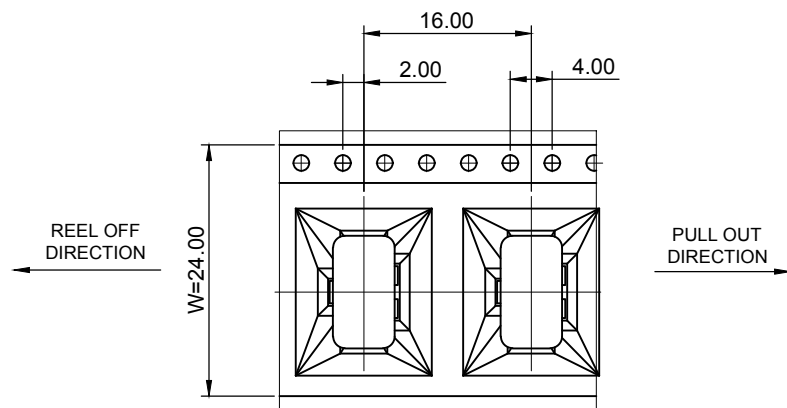
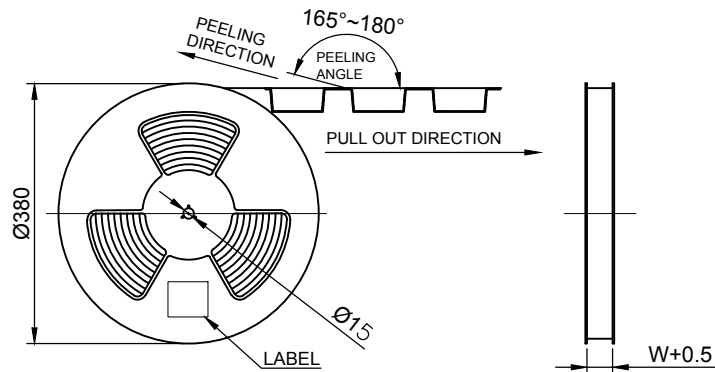
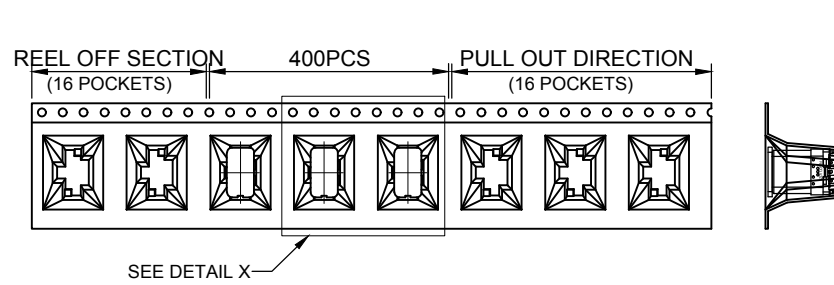
Select reflowed matte tin: 80μin[2.03μm] Min Overall

Nickel Underplate: 30μin[0.76μm Min.

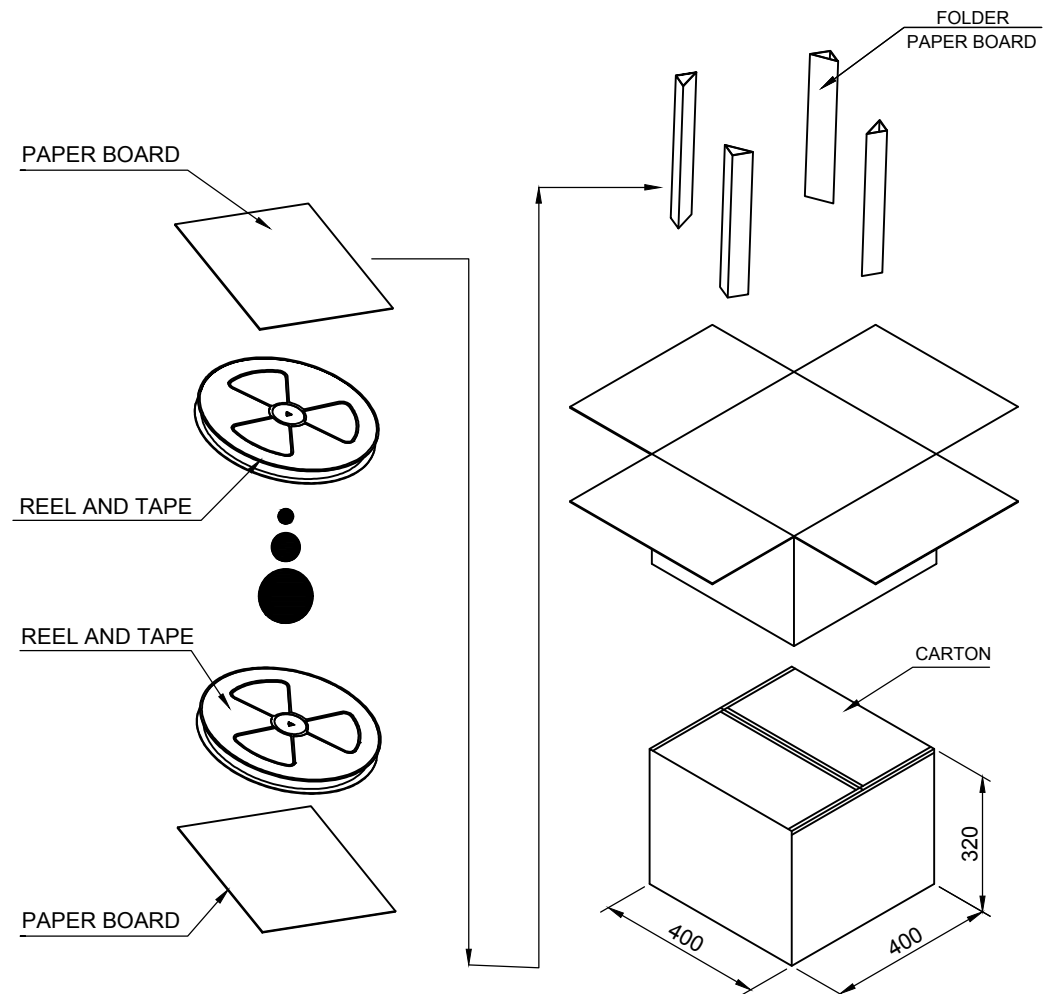
3.Packing:

(Blank): Tape & Reel Cap

CJTconn CHANGJIANG CONNECTORS CO.,LTD.			
Unit	Scale	Sheet	TITLE
mm	1:1	2 of 3	USB TYPE-C 24P MALE Vertical H=11.1
DRAWN	CHKD	APPR	
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-CM24011-24P
REV	DESCRIPTION	DATE	
A0	NEW RELEASE	2023.04.12	REV A0
REV	DESCRIPTION	DATE	



DETAIL X
SCALE 2:1



	REEL	CARTON
CONNECTOR (PCS)	400	4000

CJTconn CHANGJIANG CONNECTORS CO.,LTD.			
Unit	Scale	Sheet	TITLE
mm	1:1	3 of 3	USB TYPE-C 24P MALE Vertical H=11.1
DRAWN	CHKD	APPR	
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-CM24011-24P
A0	NEW RELEASE	2023.04.12	REV A0
REV	DESCRIPTION	DATE	