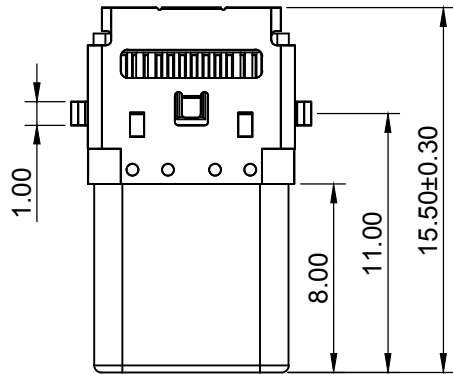


SECTION: A-A

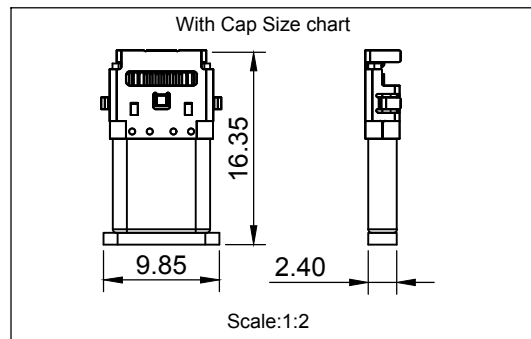
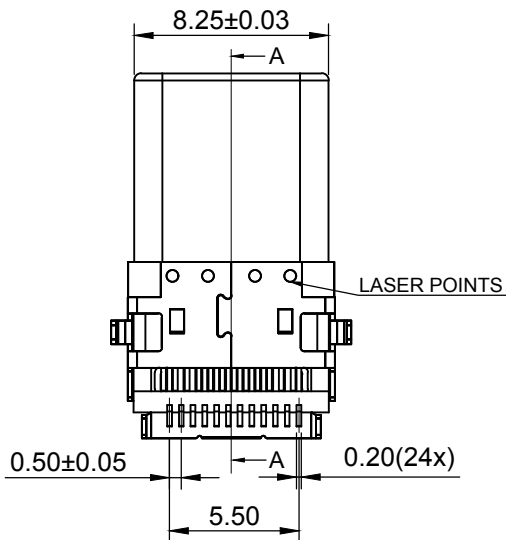
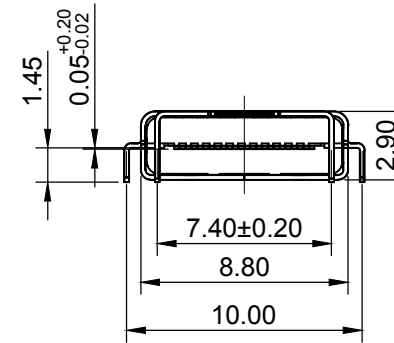
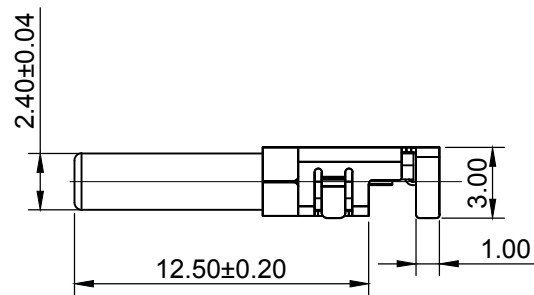
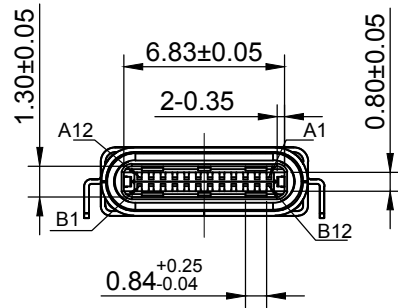
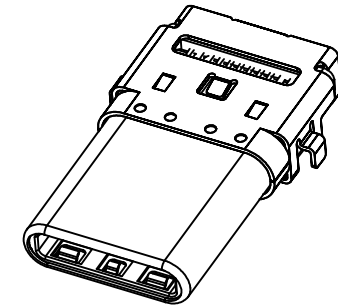
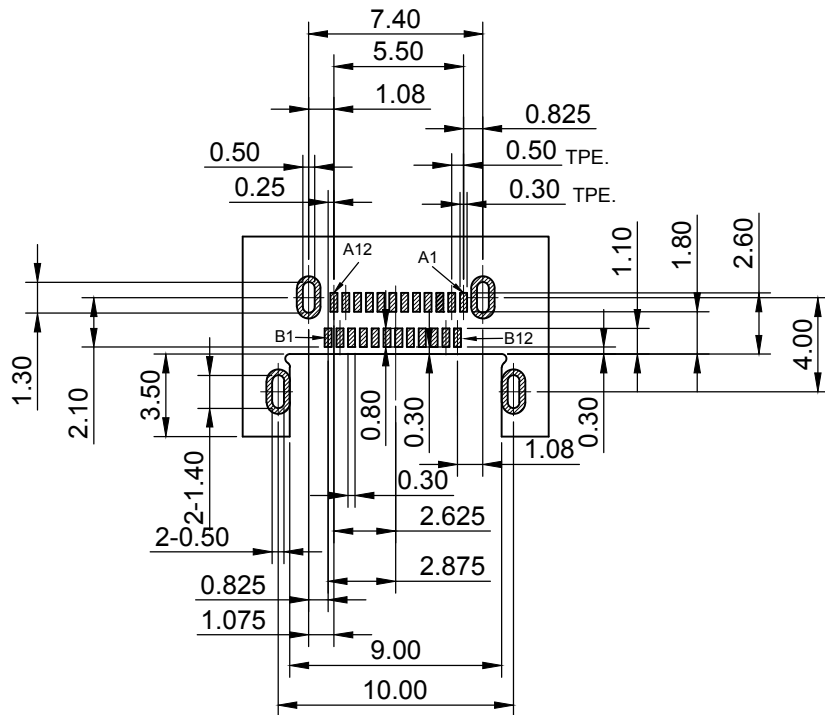


TABLE:

7	CAP	1	LCP UL94V-0	Color: Black
6	Shield	1	Stainless Steel SUS304	Nickel Plating
5	Housing	4	LCP UL94V-0	Color: Black
4	Latch	1	Stainless Steel SUS301	
3	Contact	24	Copper Alloy C7025	3u"gold plated on Contact area, Matte Tin plated on Solderails, Nickel underplating over all
2	Emc Spring	2	Stainless Steel SUS304	
1	Shell	1	Stainless Steel SUS316L	Nickel Plating
ITEM	NAME	QTY.	MATERIAL	DESCRIPTION

CHANGJIANG CONNECTORS CO.,LTD.

Unit	Scale	Sheet	TITLE						
mm	1:1	1 of 3	USB TYPE-C PLUG SMT MIDDLE MOUNT RIGHT ANGLE L=15.5MM						
DRAWN	CHKD	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°									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>A0</td><td>NEW RELEASE</td><td>2022.05.24</td></tr> <tr> <td>REV</td><td>DESCRIPTION</td><td>DATE</td></tr> </table>			A0	NEW RELEASE	2022.05.24	REV	DESCRIPTION	DATE	DRAWING NO. CJ-CM324-001-24P
A0	NEW RELEASE	2022.05.24							
REV	DESCRIPTION	DATE							
			REV A0						

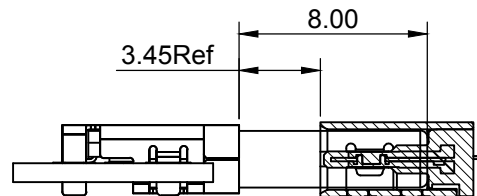


RECOMMENDED P.C.B. LAYOUT
T=0.80 OR 1.00mm

TOLERANCE UNSPECIFIED $\pm 0.05\text{mm}$

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



Mated Condition(REF.)

Specifications:

- Electrical Performance,
 - Current Rating: 5 Amps. For Total VBUS/GNF Pins;
1.25Amps For CC pin,
0.25 Amps. For All Other Contact.
 - Voltage Rating: 20V DC/AC (Rms. Max)
 - ILcr:
 - VBUS & GND Pins And Other Pins: 40mΩ/Pin Max.
 - Shield: 50mΩ/Max.
 - ILcr max. Change of All Pins: 10mΩ.
 - Insulation Resistance: 100mΩ Min
 - Dielectric Withstand Voltage, AC 100v For 1 Minute.
- Mechanical Performance,
 - Insertion Force: 5~20n.
 - Extraction Force: 8~20n.
 - Durability: 10000 Cycles.
- Environmental Performance:
 - Operating Temperature: -30°C~+85°C.
- IR Reflow:
 - The Peak Temperature On The Board Shall Be Maintained For 10 Seconds At 260°C.
- Compliance With Rohs Requirements.

Ordering Information:

CJ-CM324-001 - 24P - *** - ***
1 2 3

1. Part NO.

2. Finish:

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

Select Reflowed Tin: 60μm[1.5μm] Min

Overall Nickel Underplate: 30μm[0.76μm] Min.

G15: Select Gold: 15μm[0.38μm] Min.

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

Overall Nickel Underplate: 30μm[0.76μm] Min.

G30: Select Gold: 30μm[0.76μm] Min.

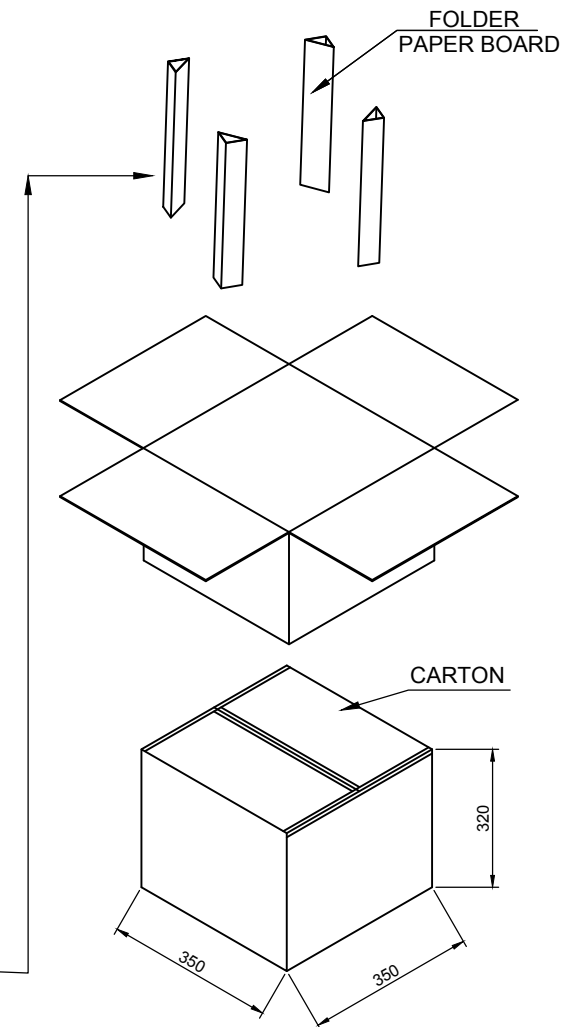
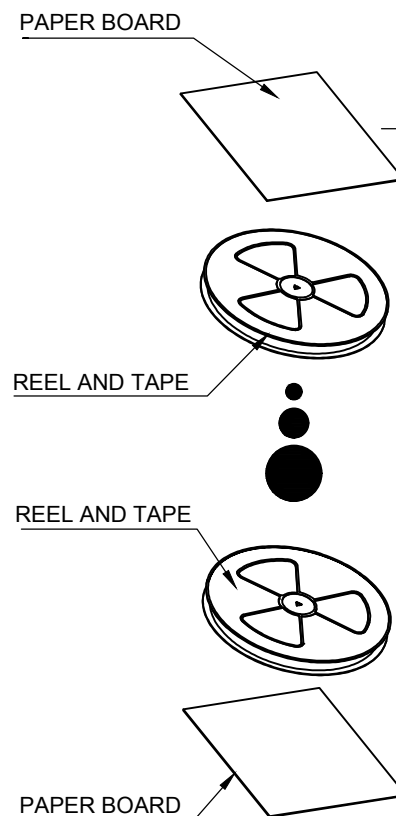
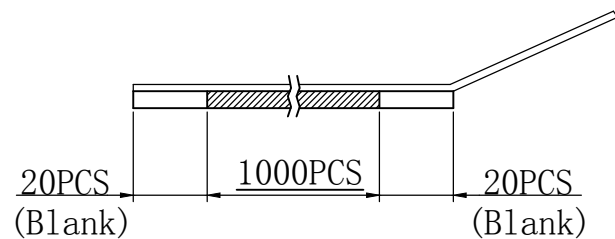
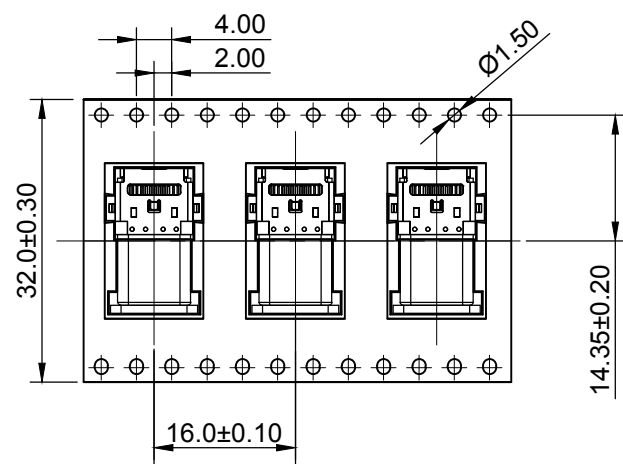
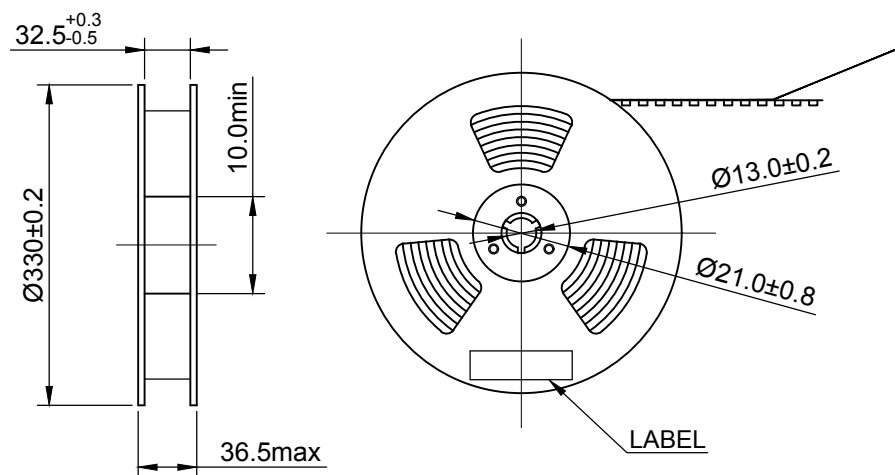
Select reflowed matte tin: 80μm[2.03μm] Min Overall

Nickel Underplate: 30μm[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 PLUG SMT MIDDLE MOUNT RIGHT ANGLE L=15.5MM
DRAWN	CHK'D	APPR	
Haisen Li	Diankui Wan	Jack Yin	
General Tolerances		THIRD ANGLE PROJECTION	DRAWING NO. CJ-CM324-001-24P
x.x±0.25 x.xx±0.20 x.xxx±0.15 ANGLES ±1°			
			REV A0



	REEL	CARTON
CONNECTOR (PCS)	1000	8000

CJTconn CHANGJIANG CONNECTORS CO.,LTD.			TITLE	
Unit	Scale	Sheet	USB TYPE-C PLUG SMT MIDDLE MOUNT RIGHT ANGLE L=15.5MM	
mm	1:1	3 of 3		
DRAWN	CHKD	APPR		
Haisen Li	Diankui Wan	Jack Yin	DRAWING NO.	
General Tolerances			THIRD ANGLE PROJECTION	
x.xx±0.25 x.xx±0.20 x.xxx±0.15 ANGLES ±1°			CJ-CM324-001-24P	
A0	NEW RELEASE	2022.05.24	REV	
REV	DESCRIPTION	DATE	A0	