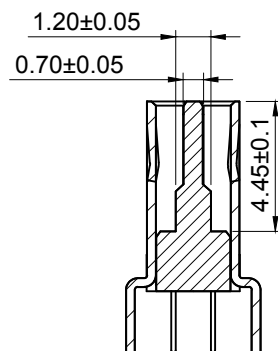
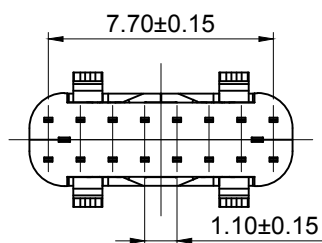
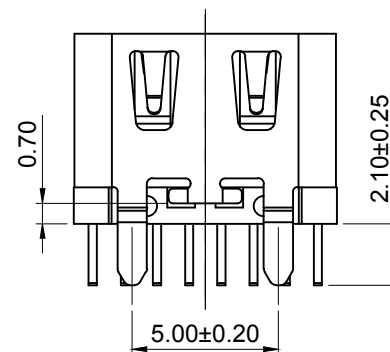
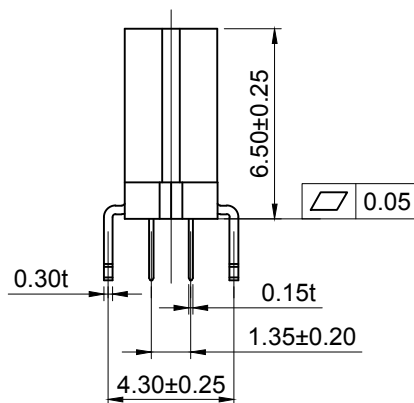
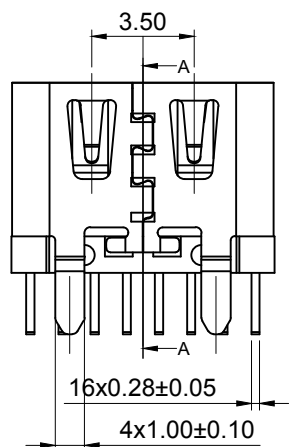
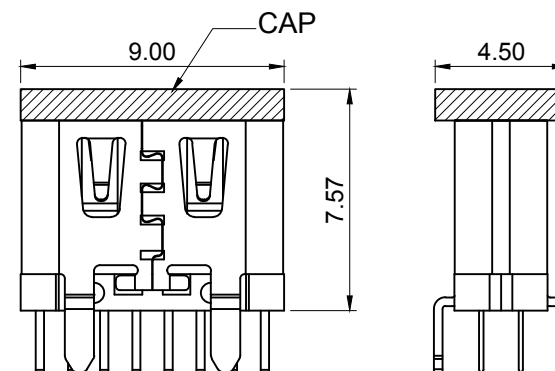


加C A P 尺寸示意图



Section:A-A

TABLE:

NO	PART	Q'TY	Material
1	SHELL	1	STAINLESS STEEL 304, T=0.30mm NI 30u" MIN PLATED
2	Mid Plate	1	STAINLESS STEEL 301, T=0.15mm NO PLATED
3	CONTACT	16	COPPER STEEL C7025, T=0.15mm; Au 1u" plated on contact area Matte Tin plated 60u"min on solder area; Nickel 30u"min underplating over all.
4	HOUSING	1	LCP BLACK UL94 V-0
5	CAP	1	LCP BLACK UL94 V-0

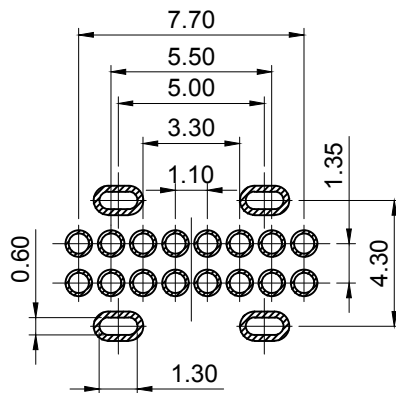
CJTconn

CHANGJIANG CONNECTORS CO.,LTD.

Unit	Scale	Sheet	TITLE
mm	1:1	1 of 3	USB TYPE C FEMALE 16PIN VERTICAL TYPE SHELL H6.5mm
DRAWN Haisen Li	CHKD Diankui Wan	APPR Jack Yin	
General Tolerances		THIRD ANGLE PROJECTION	DRAWING NO.
x.xx±0.25 x.xx±0.20 x.xxx±0.15 ANGLES ±1°			CJ-CF116-029-16P

REV	DESCRIPTION	DATE
A0	NEW RELEASE	2023.07.15

REV
A0



RECOMMENDED P.C.B. LAYOUT
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	---	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: 3 AMPS. FOR TOTAL VBUS/GND PINS;
1.25AMPS FOR CC PIN,
0.25 AMPS. FOR ALL OTHER CONTACT.
 - VOLTAGE RATING: 20V 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 REQUIREMENTS.
- SALT SPRAY: 24H

Ordering Information:

CJ-CF116-029 - 16P - *** - ***
1 2 3

1.Part NO.

2.Finish:

(Blank): Select Gold: 1 μm [0.076 μm]Min.

Select Reflowed Tin: 60 μm [1.5 μm] Min

Overall Nickel Underplate: 50 μm [1.25 μm Min.

G15: Select Gold: 15 μm [0.38 μm]Min.

Select Reflowed Tin: 60 μm [1.5 μm] Min

Overall Nickel Underplate: 30 μm [0.76 μm Min.

G30: Select Gold: 30 μm [0.76 μm]Min.

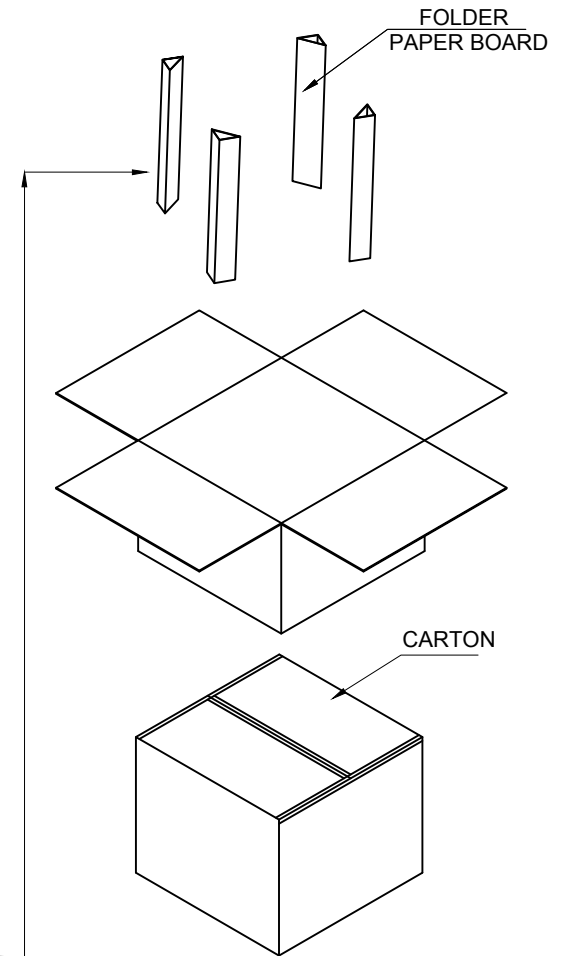
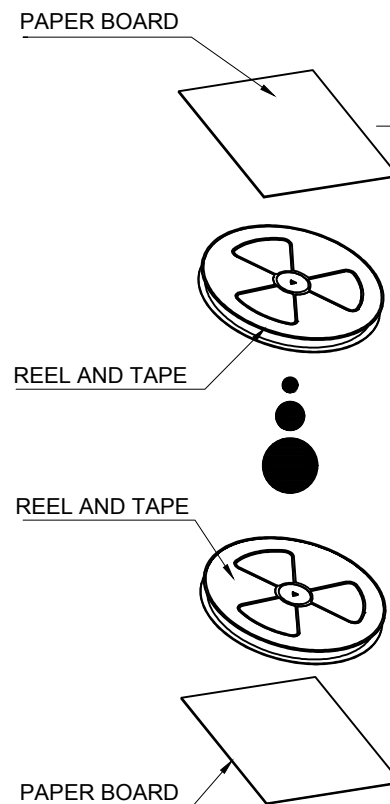
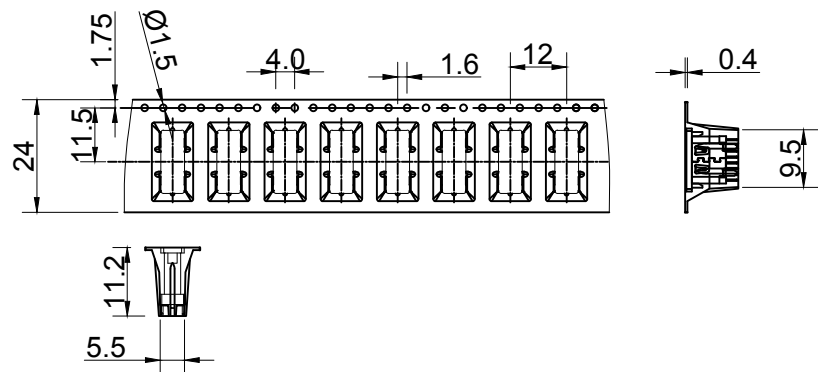
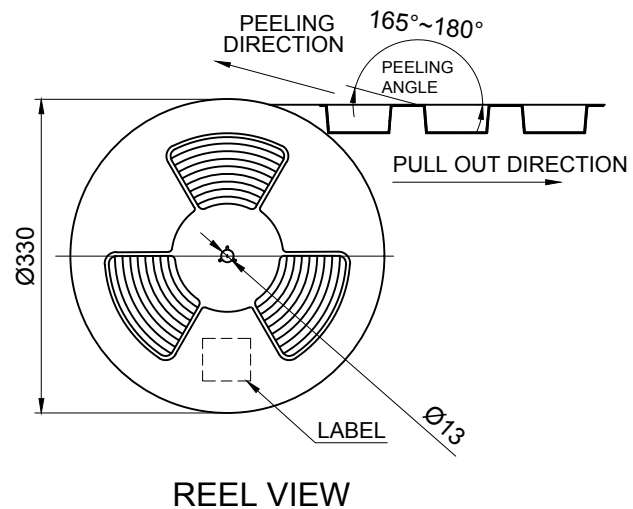
Select Reflowed Tin: 60 μm [1.5 μm] Min

Nickel Underplate: 30 μm [0.76 μm Min.

3.Packing:

(Blank): Tape & Reel With Cap

CJTconn CHANGJIANG CONNECTORS CO.,LTD.			
Unit	Scale	Sheet	TITLE
mm	1:1	2 of 3	USB TYPE C FEMALE 16PIN VERTICAL TYPE SHELL H6.5mm
DRAWN	CHK'D	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-CF116-029-16P
			REV A0



	REEL	CARTON
CONNECTOR (PCS)	500	5000

CJTconn CHANGJIANG CONNECTORS CO.,LTD.			
Unit	Scale	Sheet	TITLE
mm	1:1	3 of 3	
DRAWN	CHKD	APPR	USB TYPE C FEMALE 16PIN VERTICAL TYPE SHELL H6.5mm
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°			
A0	NEW RELEASE	2023.05.03	CJ-CF116-029-16P
REV	DESCRIPTION	DATE	
			REV A0