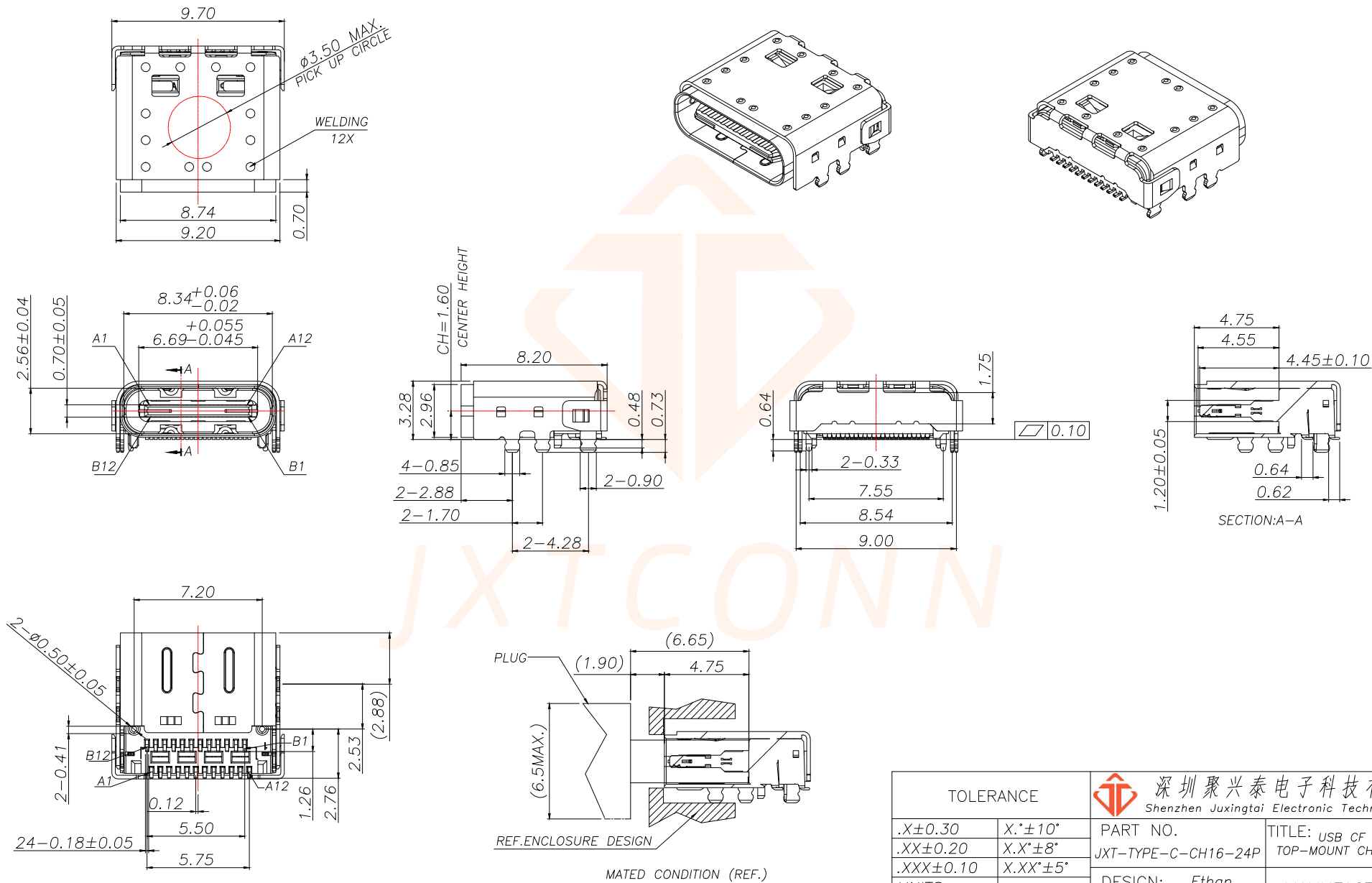


REV.	ECN NO.	DESCRIPTION	DATE	DESIGN



TOLERANCE		深圳聚兴泰电子科技有限公司 Shenzhen Juxingtai Electronic Technology Co., Ltd		
.X±0.30	X.*±10°	PART NO.	TITLE: USB CF 24P SMT TYPE	
.XX±0.20	X.X°±8°	JXT-TYPE-C-CH16-24P	TOP-MOUNT CH=1.6mm	
.XXX±0.10	X.XX°±5°	DESIGN: Ethan	MANUFACTURE DWG	
UNITS	mm	CHED: Olvia	SCALE N:A	SHEET 1/3
MATERILA	---	APPD: Ava		
FINISH	---			

NOTE:

1.MATERIAL SPECIFICATION:

- 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0(LCP,BLACK)
- 2.TERMINAL:COPPER ALLOY(C18150)
- 3.MID PLATE: STAINLESS STEEL(SUS301)
- 4.OUT SHELL: STAINLESS STEEL(SUS304)
- 5.INNER SHELL: STAINLESS STEEL(SUS304)

2.PLATING SPECIFICATION:

2-1.CONTACTS:

- Ni 50u" MIN. UNDER PLATED OVER ALL.
- Au 3u" PLATED ON CONTACT AREA.
- Au 1u" PLATED ON SOLDER AREA.

2-2.OUT SHELL&INNER SHELL:

- Ni 30u" MIN. UNDER PLATED OVER ALL.

2-3.MID PLATE:

- Ni 30u" MIN. UNDER PLATED OVER ALL.

3.MECHANICAL PERFORMANCE,

- 3-1.INSERTION FORCE: 0.5~2.0kgf.
- 3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.(INITIAL)
0.6kgf~2.0kgf.(AFTER DURABILITY TEST)

3-3.DURABILITY: 10000 CYCLES.

4.ELECTRICAL PERFORMANCE,

4-1. VOLTAGE RATING: 20V.

CURRENT RATING: 5A.

4-2. LLCR:

- VBUS & GND PINS AND OTHER PINS: 40me/PIN MAX.
- LLCR MAX. CHANGE OF ALL PINS: 10me.

4-3.INSULATION RESISTANCE: 100MΩ MIN

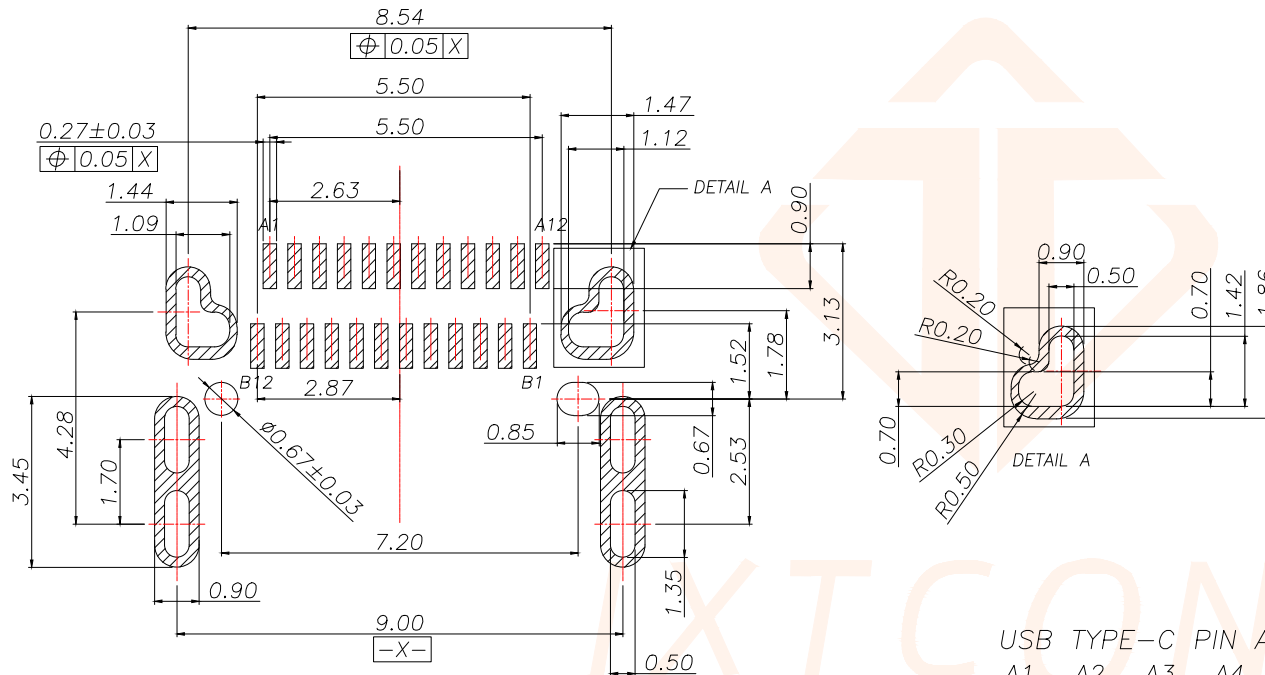
4-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.

5. ENVIRONMENTAL PERFORMANCE:

OPERATING TEMPERATURE: -55°C~+85°C.

6.IR REFLOW:

THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.



SCALE 2:1

RECOMMENDED PCB LAYOUT(TOP VIEW)

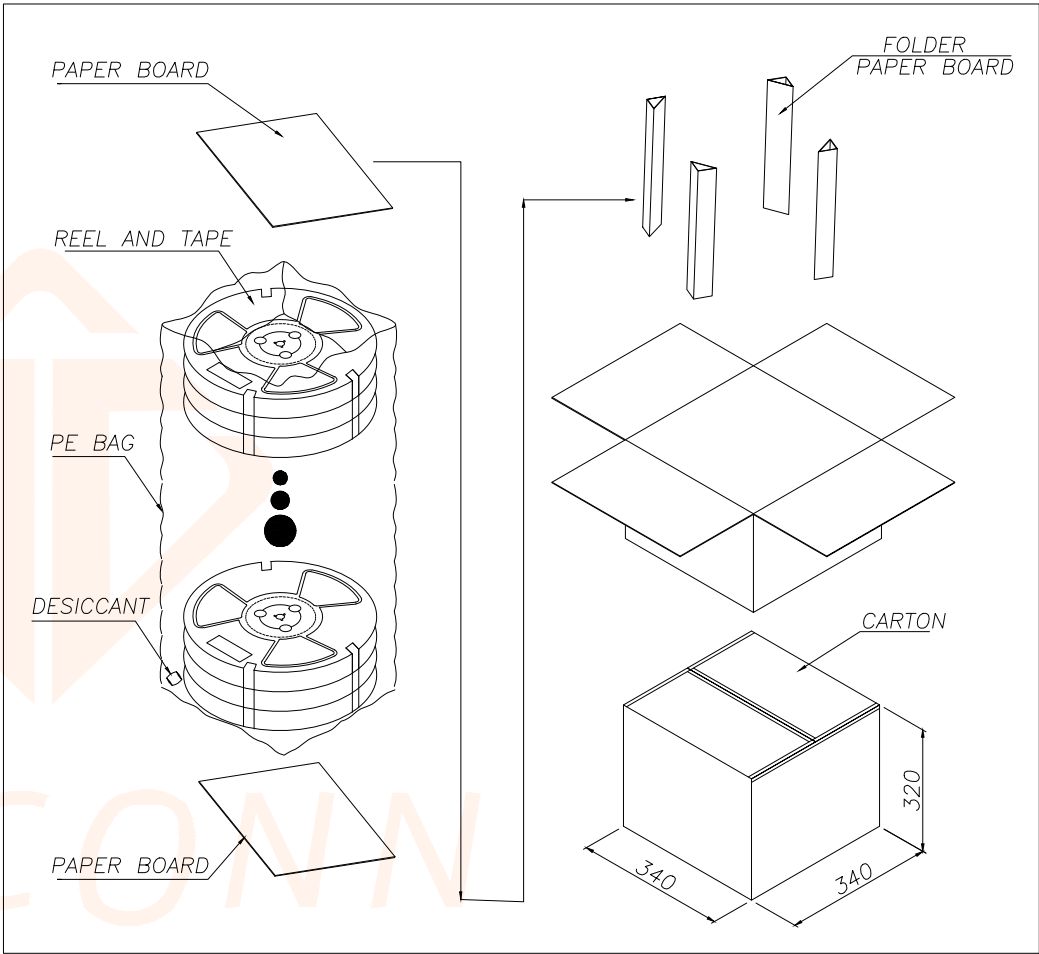
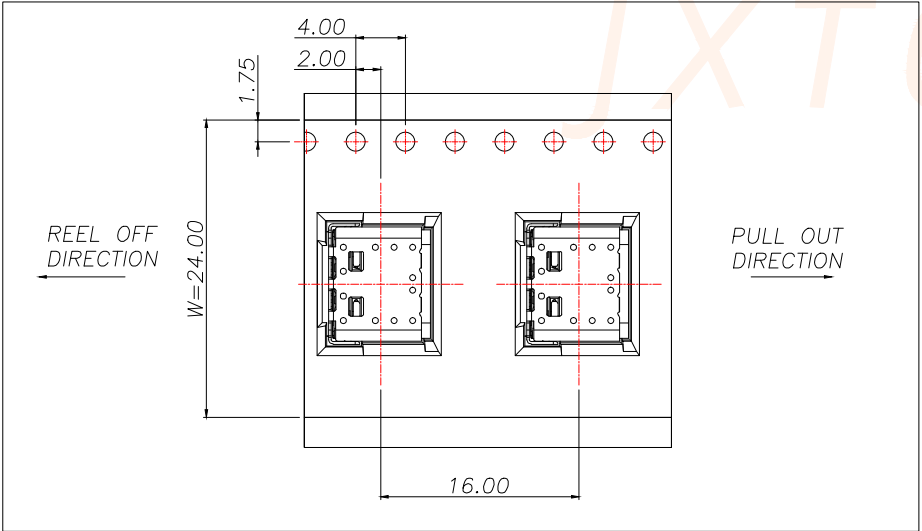
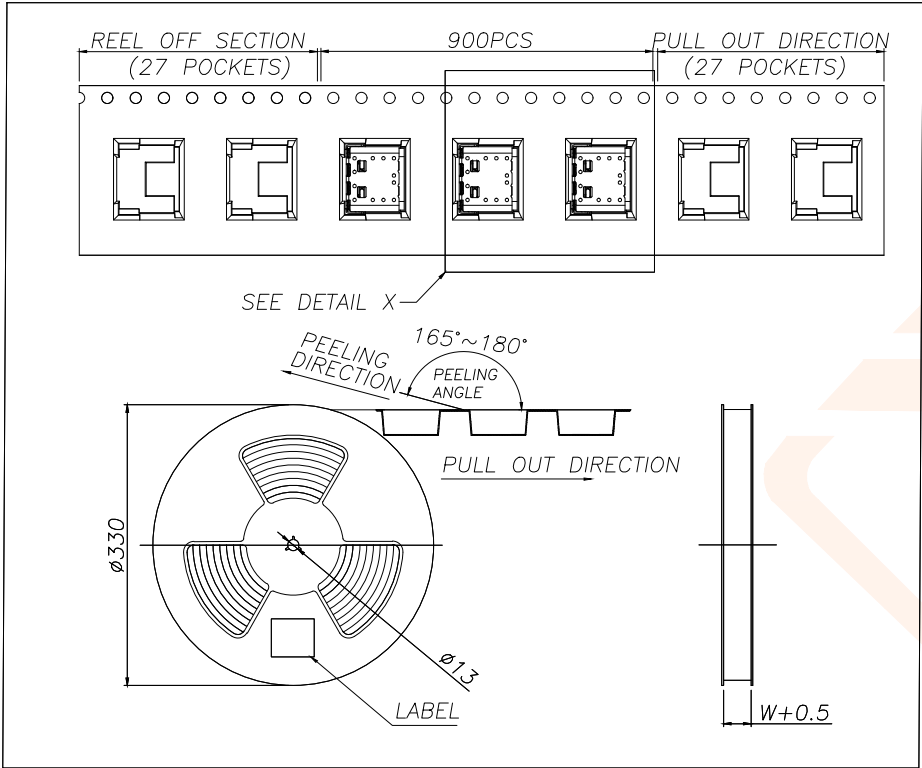
Thickness 1.0mm (TOLERANCE=±0.05mm)

USB TYPE-C PIN ASSIGNMENTS

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	TXp1	TXn1	VBUS	CC1	D+	D-	SBU1	VBUS	RXn2	RXp2	GND
GND	RXp1	RXn1	VBUS	SBU2	D-	D+	CC2	VBUS	TXn2	TXp2	GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

TOLERANCE		深圳聚兴泰电子科技有限公司 Shenzhen Juxingtai Electronic Technology Co., Ltd	
.X±0.30	X.*±10°	PART NO.	TITLE: USB CF 24P SMT TYPE
.XX±0.20	X.X*±8°	JXT-TYPE-C-CH16-24P	TOP-MOUNT CH=1.6mm
.XXX±0.10	X.XX*±5°	DESIGN: Ethan	MANUFACTURE DWG
UNITS	mm	CHED: Olvia	SCALE
MATERILA	---	APPD: Ava	SHEET
FINISH	---		N:A 2/3

REV.	ECN NO.	DESCRIPTION	DATE	DESIGN



		REEL	CARTON
CONNECTOR (PCS)		900	9000
TOLERANCE		深圳聚兴泰电子科技有限公司 Shenzhen Juxingtai Electronic Technology Co., Ltd	
.X±0.30	X.*±10°	PART NO.	TITLE: USB CF 24P SMT TYPE
.XX±0.20	X.X*±8°	JXT-TYPE-C-CH16-24P	TOP-MOUNT CH=1.6mm
.XXX±0.10	X.XX*±5°	DESIGN: Ethan	MANUFACTURE DWG
UNITS	mm	CHED: Olvia	
MATERILA	---	APPD: Ava	
FINISH	---		SCALE N:A SHEET 3/3