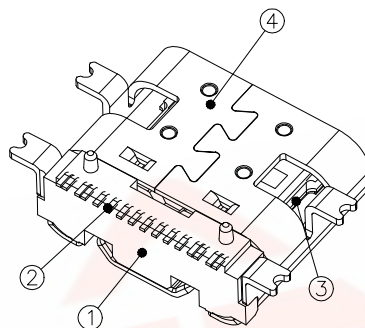
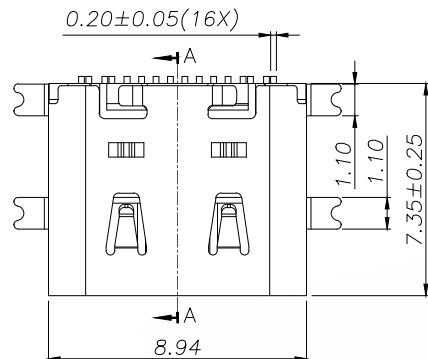


REV.	ECN NO.	DESCRIPTION	DATE	DESIGN



NOTE:

1.MATERIAL SPECIFICATION:

- 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
- 2.TERMINAL: COPPER ALLOY(C1814)
- 3.MID PLATE: STAINLESS STEEL(SUS301)
- 4.FRONT SHELL: STAINLESS STEEL(SUS304)

2.PLATING SPECIFICATION:

2-1.TERMINAL:

Ni 50u" MIN. UNDER PLATED OVER ALL.
 Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
 CONTACT FUNCTIONAL AREA PLATED : Au G/F"
 CONTACT SOLDER AREA PLATED : Au G/F"

2-2.FRONT SHELL:

Ni 30u" MIN. UNDER PLATED OVER ALL.

2-3.MID PLATE PLATE:

CLEAR ONLY

3.MECHANICAL PERFORMANCE,

- 3-1.INSERTION FORCE: 0.5~2.0kgf.
- 3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.
- 3-3.DURABILITY: 10000 CYCLES.

4.ELECTRICAL PERFORMANCE,

4-1. VOLTAGE RATING:5 V DC/AC (RMS. max)

CURRENT RATING:5 AMPS. FOR TOTAL VBUS/GND PINS;
 1.25AMPS FOR CC PIN,0.25 AMPS. FOR ALL OTHER CONTACT.

4-2. LLCR:

VBUS & GND PINS AND OTHER PINS: 40mA/PIN MAX.
 SHIELD: 50mA/MAX.

LLCR MAX. CHANGE OF ALL PINS: 10mA.

4-3.INSULATION RESISTANCE: 100M Ω MIN

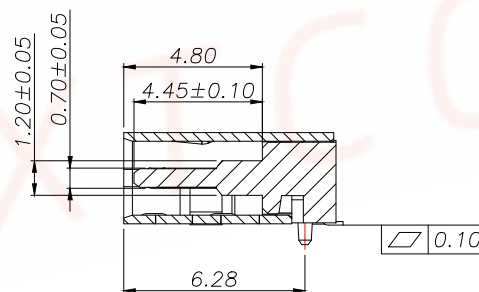
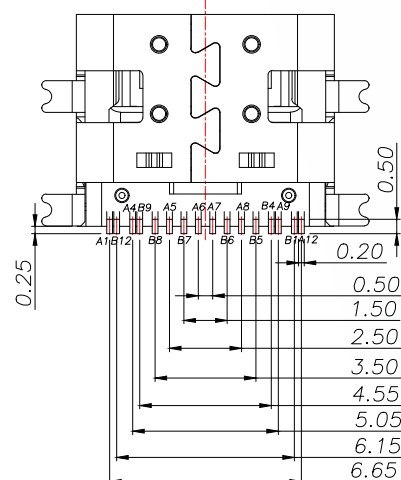
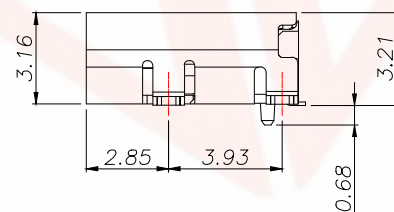
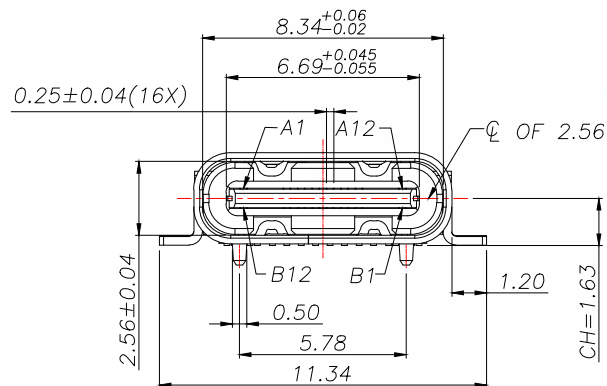
4-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.

5. ENVIRONMENTAL PERFORMANCE:

OPERATING TEMPERATURE: -40°C~+85°C.

6.IR REFLOW:

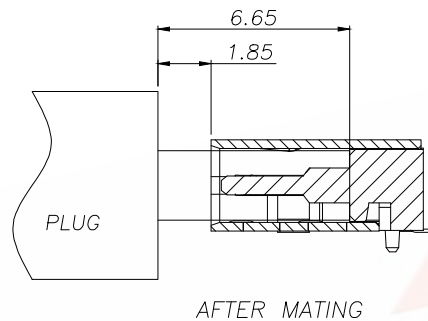
THE PEAK TEMPERATURE ON THE BOARD SHALL
 BE MAINTAINED FOR 10 SECONDS AT 260°C.



SECTION:A-A

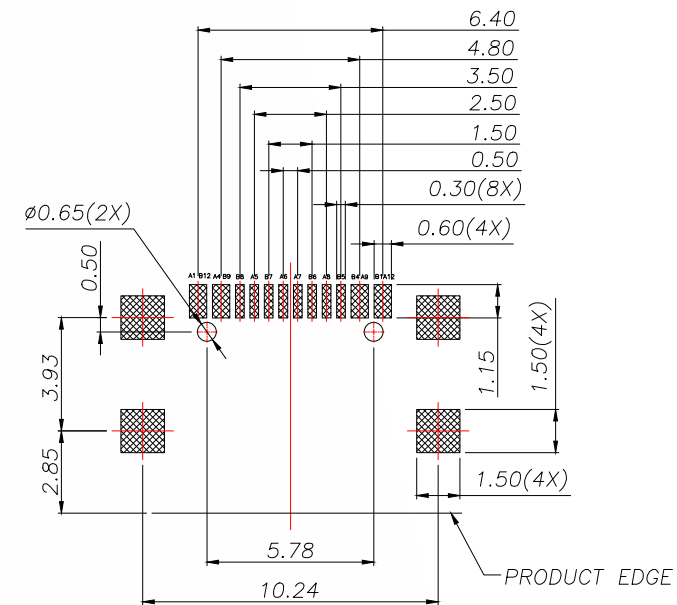
TOLERANCE		 深圳聚兴泰电子科技有限公司 Shenzhen Juxingtai Electronic Technology Co., Ltd		
X.X:±0.35	X.X':±3"	PART NO. TYPE-C-QTWT-16P	TITLE: USB CF 16PIN (L=7.35) WITH POST	
X.XX:±0.25	X.XX':±2"			
X.XXX:±0.15		DESIGN: Ethan	MANUFACTURE DWG	
UNITS	mm	CHED: Olvia		
MATERILA	---	APPD: Ava	 SCALE N:A	SHEET 1/3
FINISH	---			

REV.	ECN NO.	DESCRIPTION	DATE	DESIGN



USB TYPE-C PIN ASSIGNMENTS

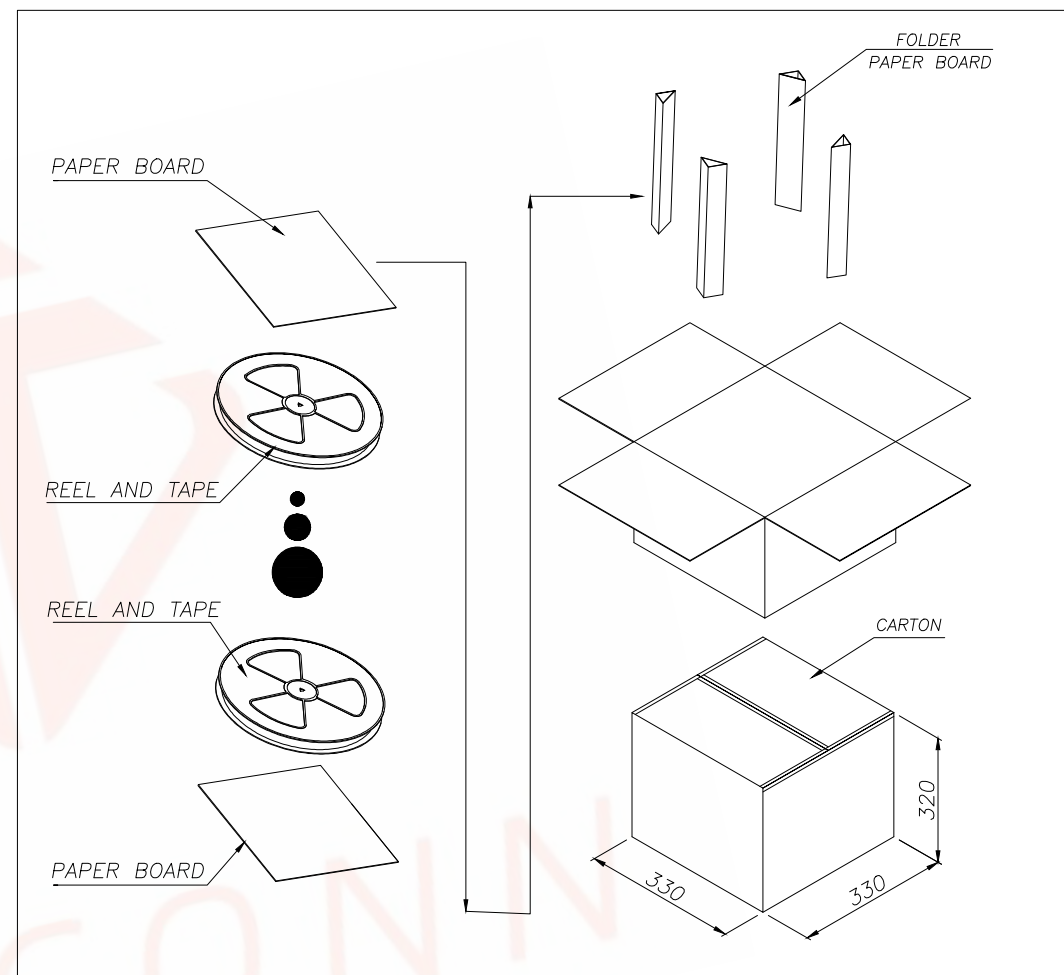
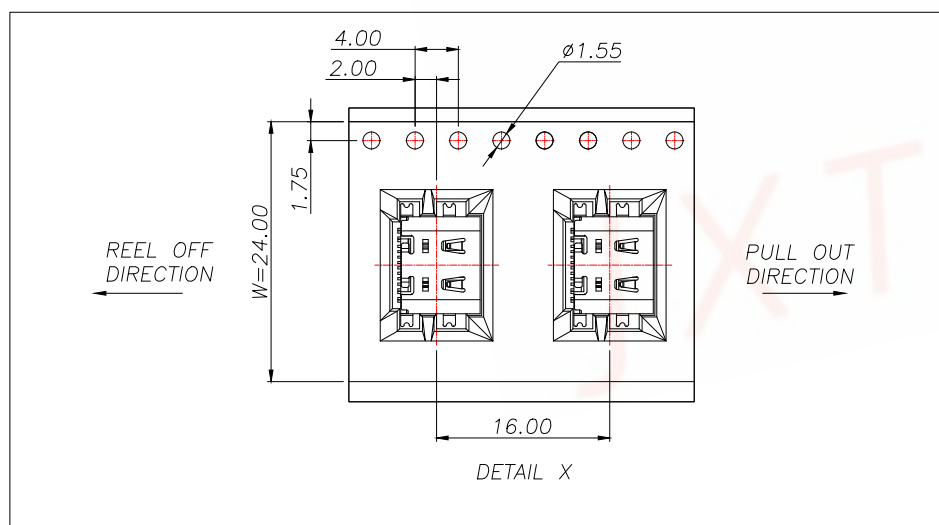
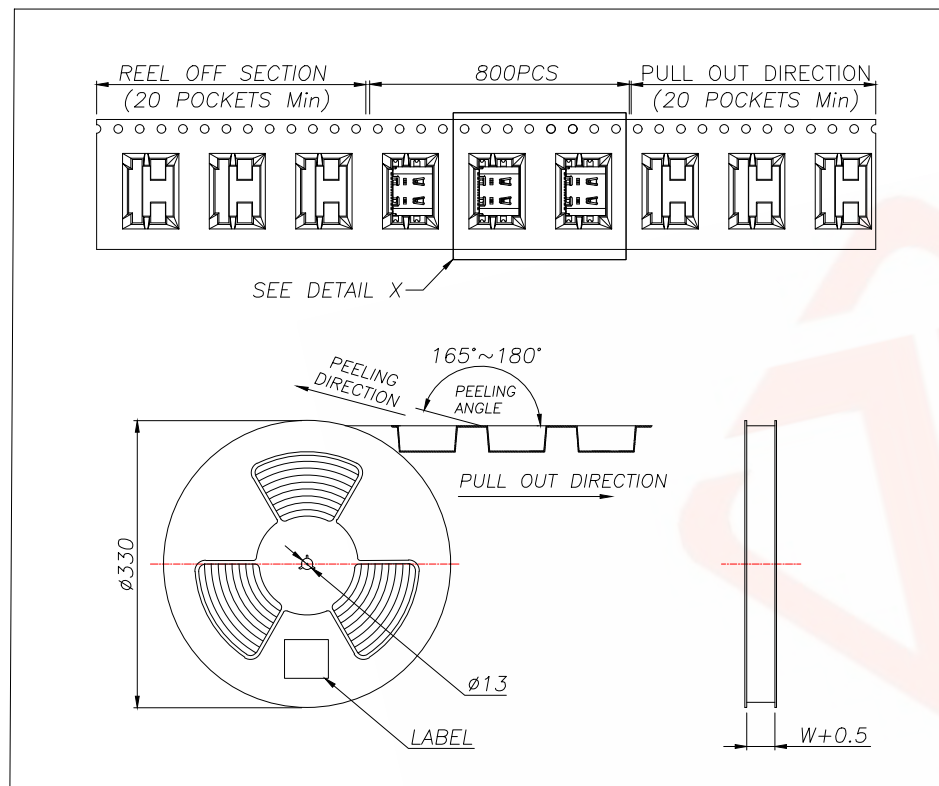
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND



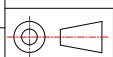
RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.80MM;DEFAULT TOLERANCE:±0.05

TOLERANCE		深圳聚兴泰电子科技有限公司 Shenzhen Juxingtai Electronic Technology Co., Ltd			
X.X:±0.35	X.X':±3°	PART NO. TYPE-C-QTWT-16P	TITLE: USB CF 16PIN (L=7.35) WITH POST		
X.XX:±0.25	X.XX':±2°				
X.XXX:±0.15					
UNITS	mm	DESIGN: Ethan	MANUFACTURE DWG		
MATERILA	---	CHED: Olvia			
FINISH	---	APPD: Ava			
				SCALE N:A	SHEET 1/3

REV.	ECN NO.	DESCRIPTION	DATE	DESIGN



	REEL	CARTON
CONNECTOR (PCS)	800	8000

TOLERANCE		 深圳聚兴泰电子科技有限公司 Shenzhen Juxingtai Electronic Technology Co., Ltd		
X.X:±0.35	X.X':±3"	PART NO. TYPE-C-QTWT-16P	TITLE: USB CF 16PIN (L=7.35) WITH POST	
X.XX:±0.25	X.XX':±2"			
X.XXX:±0.15				
UNITS	mm	DESIGN: Ethan	MANUFACTURE DWG	
MATERILA	---	CHED: Olvia		
FINISH	---	APPD: Ava	 SCALE N:A	SHEET 1/3