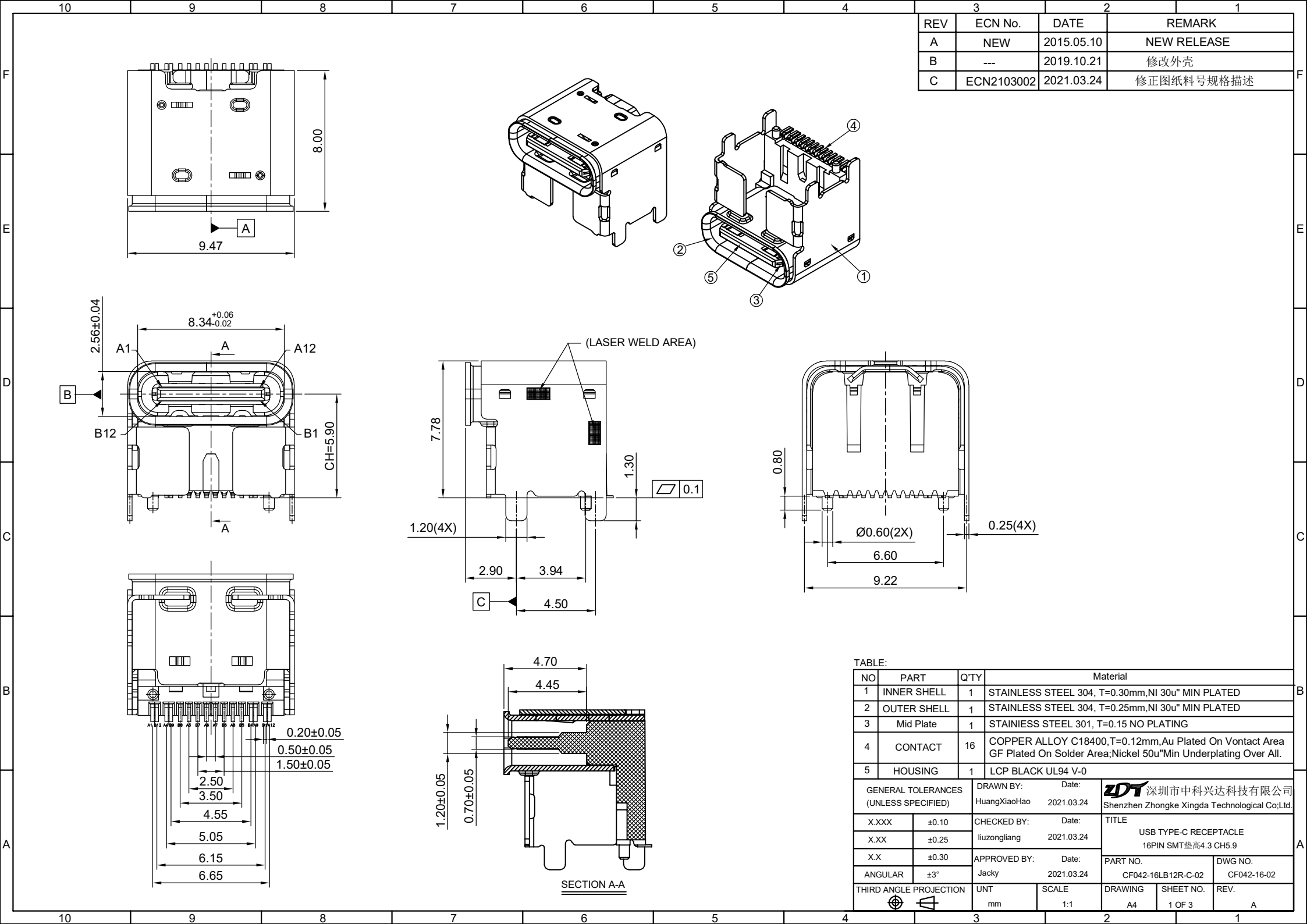




REV	ECN No.	DATE	REMARK
A	NEW	2015.05.10	NEW RELEASE
B	---	2019.10.21	修改外壳
C	ECN2103002	2021.03.24	修正图纸料号规格描述

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.
- Salt Spray:48H

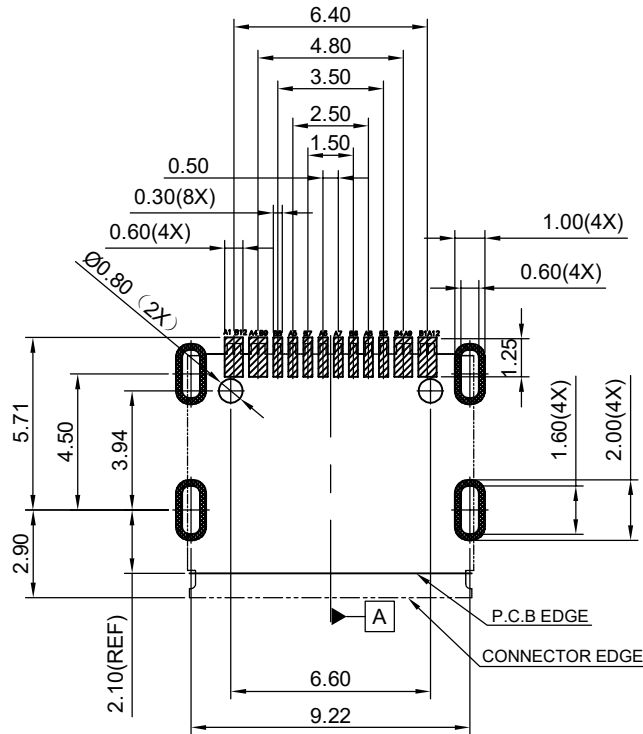
TID No.	11015
IEC62680-1-3	24B01N002783-001-COM

Ordering Information:

CF042-16 L B XX R -C-02
1 2 3

- Housing Color:
B:Black
N:Natural Colour
- Contacts Plated:
12:Contact Area: Au 3u",Solder Tails:GF
15:Contact Area: Au 30u",Solder Tails:GF
- Packing Options:
R:Tape & Reel

GENERAL TOLERANCES (UNLESS SPECIFIED)		DRAWN BY: HuangXiaoHao	Date: 2021.03.24	ZDT 深圳市中兴科兴达科技有限公司 Shenzhen Zhongke Xingda Technological Co.,Ltd.		
X.XXX	±0.10	CHECKED BY:	Date:	TITLE		
X.XX	±0.25	liuzongliang	2021.03.24	USB TYPE-C RECEPTACLE		
X.X	±0.30	APPROVED BY:	Date:	16PIN SMT 垫高4.3 CH5.9		
ANGULAR	±3°	Jacky	2021.03.24	PART NO.	DWG NO.	
THIRD ANGLE PROJECTION		UNIT	SCALE	DRAWING	SHEET NO.	REV.
		mm	1:1	A4	2 OF 3	A

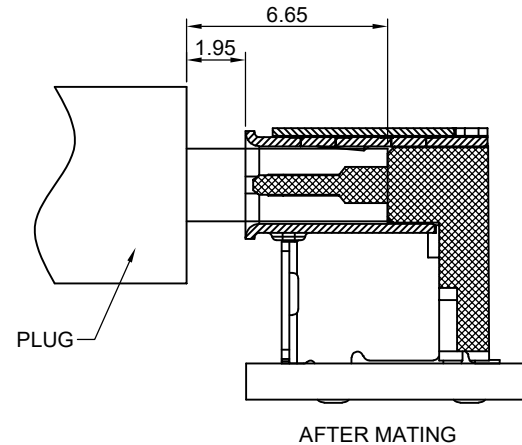


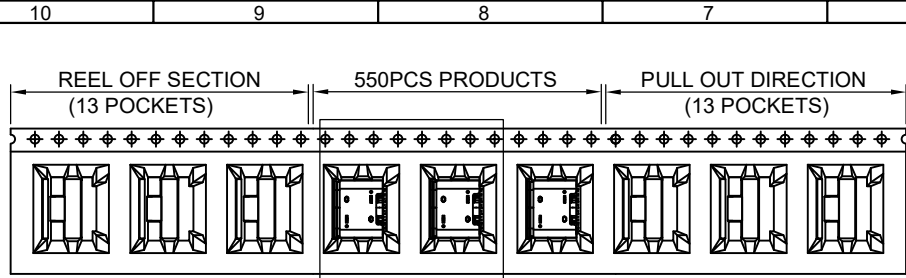
RECOMMEND P.C.B LAYOUT(TOW VIEW)

TOLERANCE FOR PCB LAYOUT IS ±0.05

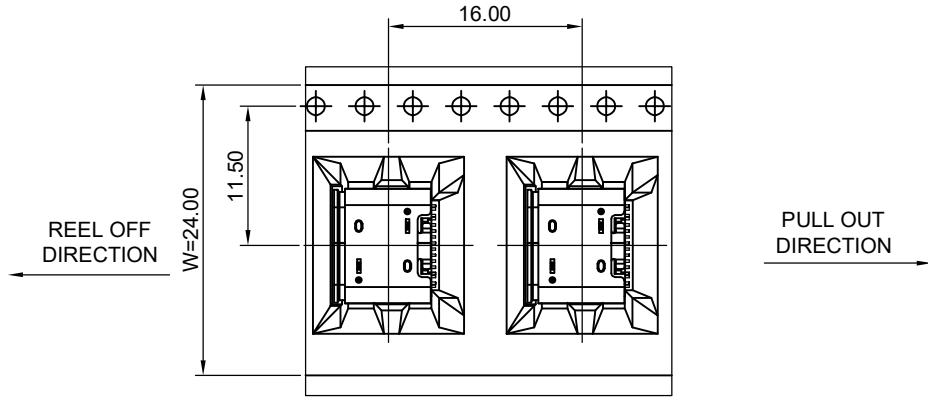
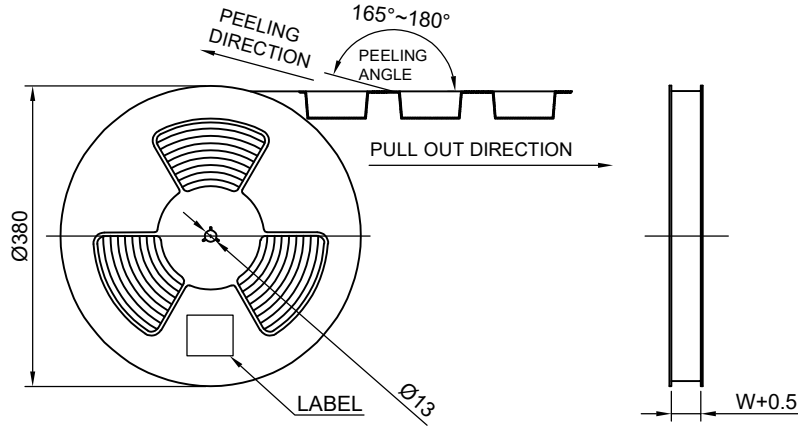
USB Type-C Pin Assignments

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

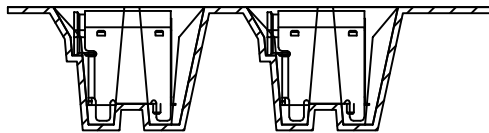




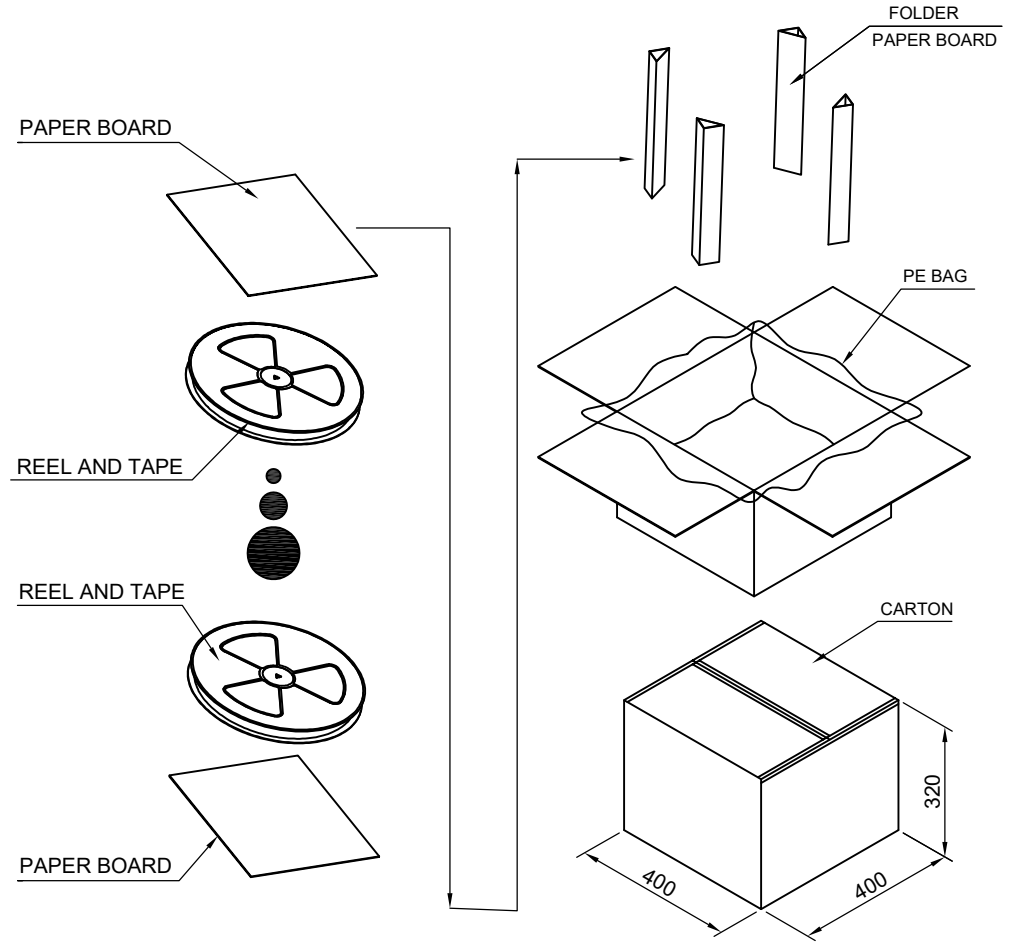
SEE DETAIL X



DETAIL X
SCALE 2:1



REV	ECN No.	DATE	REMARK
A	NEW	2015.05.10	NEW RELEASE
B	---	2019.10.21	修改外壳
C	ECN2103002	2021.03.24	修正图纸料号规格描述



CONNECTOR (PCS)	REEL	CARTON
	550	5500

GENERAL TOLERANCES (UNLESS SPECIFIED)		DRAWN BY: HuangXiaoHao	Date: 2021.03.24	ZDT 深圳市中科兴达科技有限公司 Shenzhen Zhongke Xingda Technological Co.,Ltd.	
X.XXX	±0.10	CHECKED BY: liuzongliang	Date: 2021.03.24	TITLE USB TYPE-C RECEPTACLE 16PIN SMT 垫高4.3 CH5.9	
X.XX	±0.25	APPROVED BY: Jacky	Date: 2021.03.24	PART NO. CF042-16LB12R-C-02	DWG NO. CF042-16-02
X.X	±0.30				
ANGULAR	±3°				
THIRD ANGLE PROJECTION		UNT mm	SCALE 1:1	DRAWING A4	SHEET NO. 3 OF 3
				REV. A	