

REV	ECN No.	DATE	REMARK
A	NEW	2022.01.23	NEW RELEASE
B	ECR202305-003	2023.05.22	外壳卡点0.45+0.03/-0.01改为0.40+0.03/-0.01
C	---	2023.11.11	增加TID号

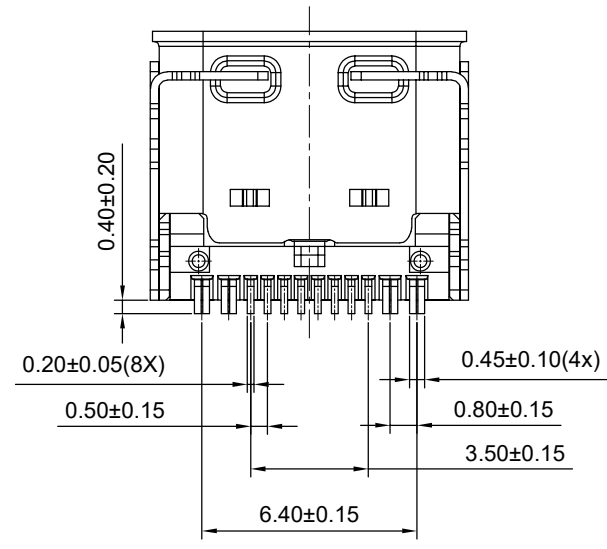
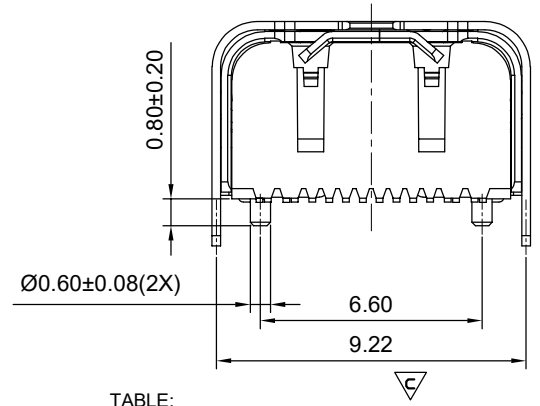
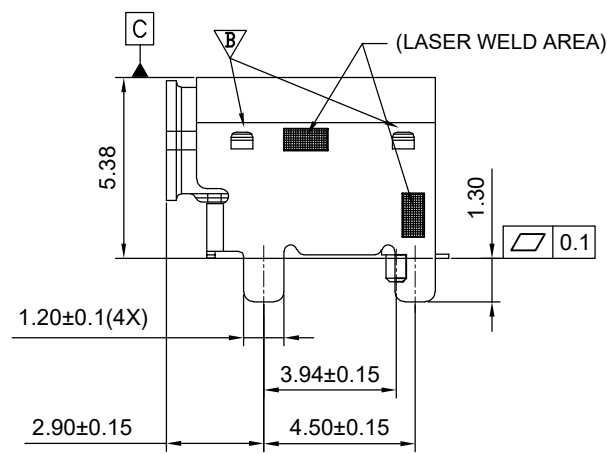
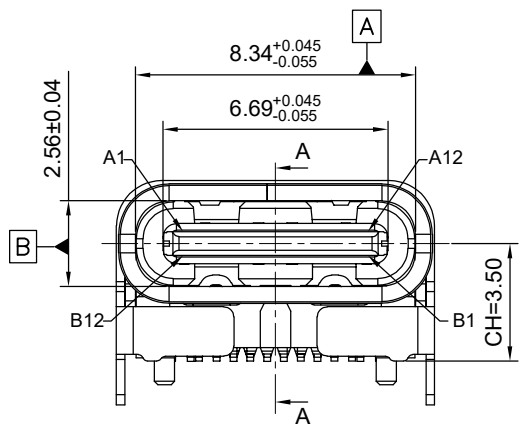
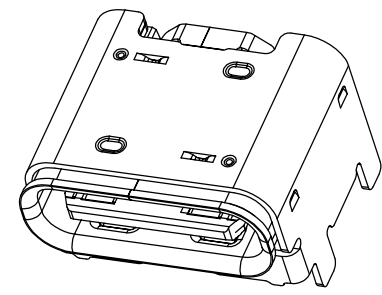
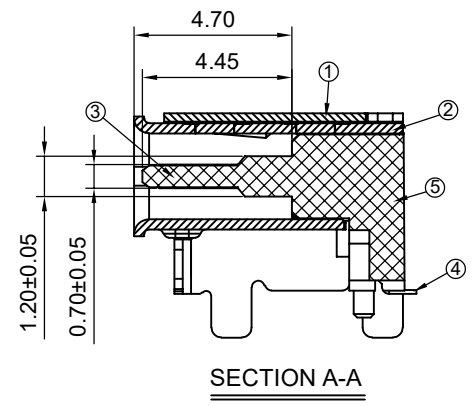
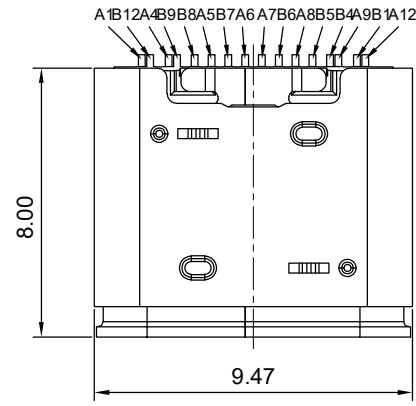


TABLE:					
NO	PART	Q'TY	Material		
1	OUT SHELL	1	Stainless Steel SUS304 T=0.25mm, NI 30u" MIN PLATED		
2	INNER SHELL	1	Stainless Steel SUS304 T=0.30mm, NI 30u" MIN PLATED		
3	Mid Plate	1	Stainless Steel SUS301 T=0.15mm,CLEAR ONLY		
4	CONTACT	16	COPPER STEEL C18400, AU3U"PLATED ON CONTACT AREA G/F PLATED ON SOLDER AREA; NICKEL 50U"MIN UNDERPLATING OVER ALL.		
5	HOUSING	1	PA9T BLACK UL94 V-0		
GENERAL TOLERANCES (UNLESS SPECIFIED)		DRAWN BY: HuangXiaoHao		Date: 2023.11.11	
X.XXX	±0.10	CHECKED BY: liuzongliang		Date: 2023.11.11	
X.XX	±0.20	APPROVED BY: Jacky		Date: 2023.11.11	
X.X	±0.30	THIRD ANGLE PROJECTION		UNIT mm	
ANGULAR	±3°	SCALE 1:1		DRAWING A4	
		SHEET NO. 1 OF 3		REV. C	

ZDT 深圳市中科兴达科技有限公司
Shenzhen Zhongke Xingda Technological Co.,Ltd.

TITLE
USB TYPE-C FEMALE 16P垫高款CH=3.5

PART NO.
CF216-007SCB12R-02

DWG NO.
CF216-007-02

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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.	10253
IEC62680-1-3:	24B01N001793-004-COM

Ordering Information:

CF216 - 007 S C X XX XX - 02
1 2 3

1.HOUSING COLOR:

B:BLACK

2.CONTACTS PLATED:

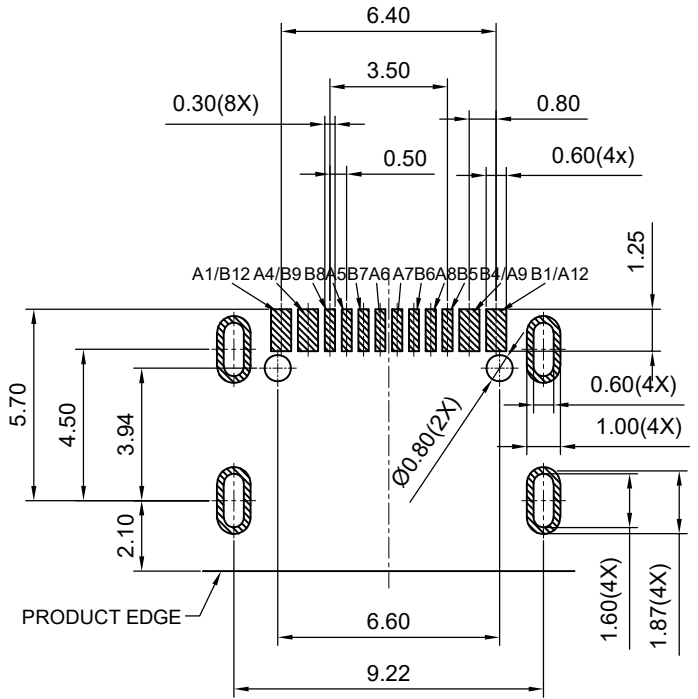
12:Contact Area: Au 3u",Solder Tails:GF

3.Packing Options:

R:Tape & Reel

VR:Tape & Teel+Vacuum Packaging

GENERAL TOLERANCES (UNLESS SPECIFIED)		DRAWN BY: Date: HuangXiaoHao 2023.11.11		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: Date: liuzongliang 2023.11.11		TITLE USB TYPE-C FEMALE 16P垫高款CH=3.5	
X.XX	±0.20	APPROVED BY: Date: Jacky 2023.11.11		PART NO. CF216-007SCB12R-02	DWG NO. CF216-007-02
X.X	±0.30	THIRD ANGLE PROJECTION		UNIT mm	SCALE 1:1
ANGULAR	±3°	DRAWING A4		SHEET NO. 2 OF 3	REV. C

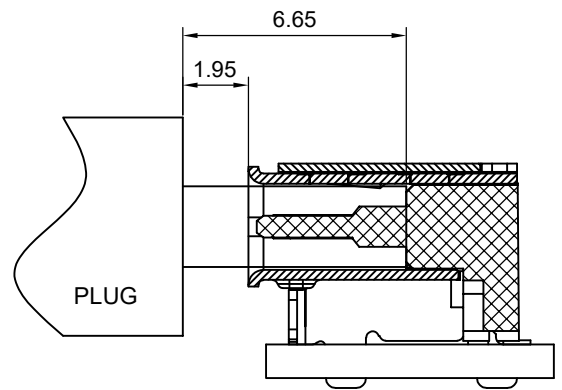


RECOMMEND P.C.B LAYOUT(COMPONENT SIDE)

TOLERANCE FOR PCB LAYOUT IS ±0.05

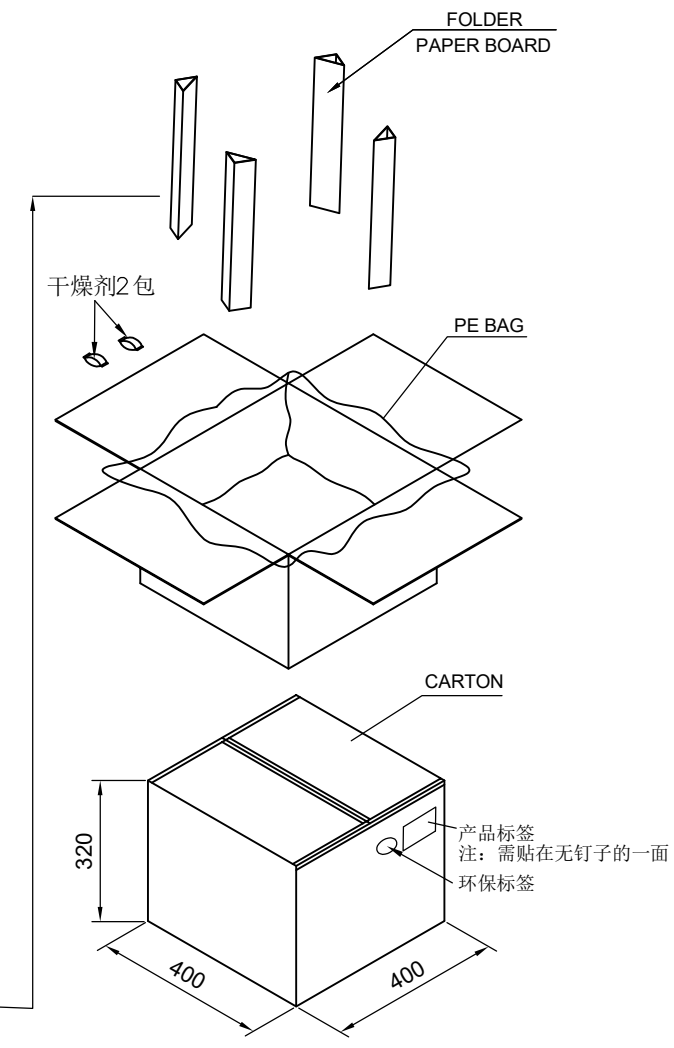
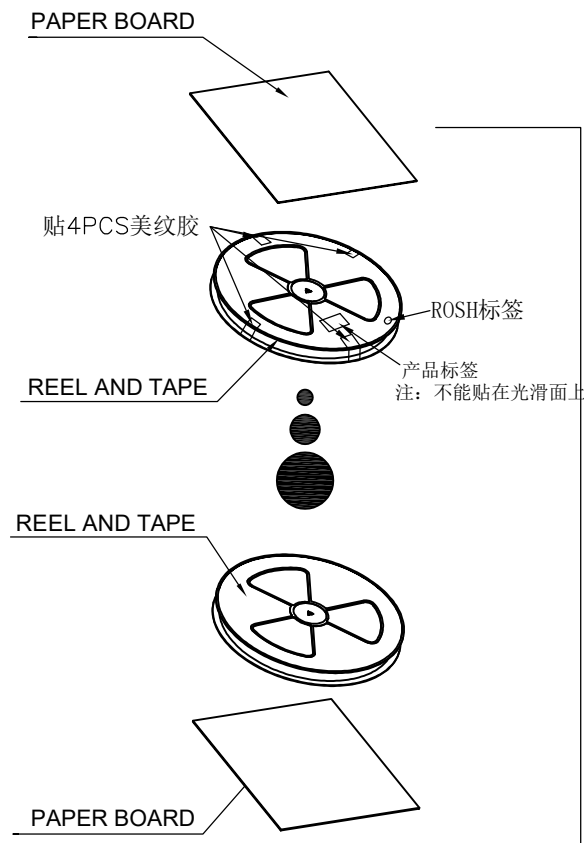
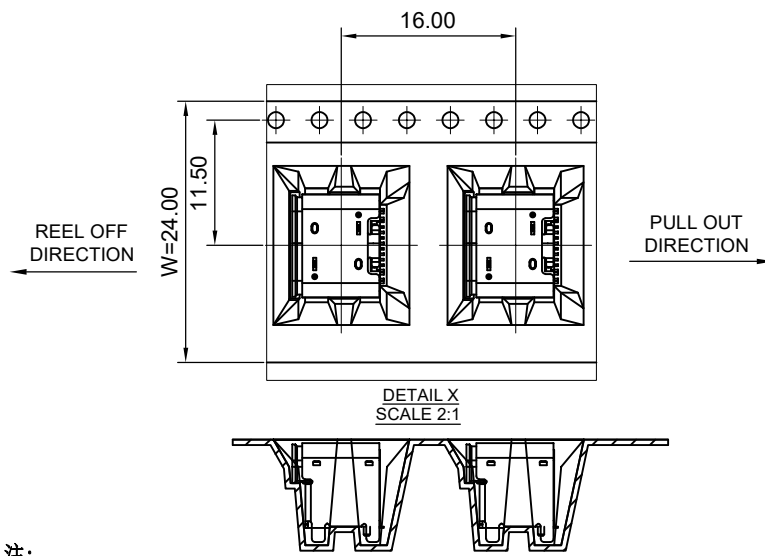
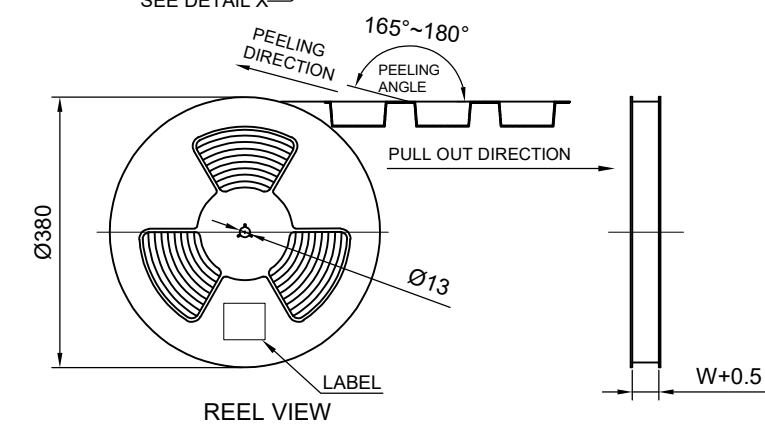
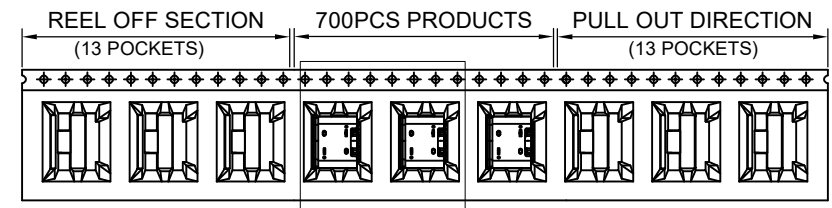
USB Type-C Pin Assignments

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



Mated Condition(REF.)

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- 备注:
- 1.纸箱材质K=K,尺寸400mm*400mm*320mm
 - 2.每盘装700PCS,并贴上4PCS美纹胶,然后贴上对应的标签。
 - 3.每10卷, 标签朝上, 装入防水袋中,并放2包干燥剂。
 - 4.箱底部先垫一隔板,并在外箱四个内角各放置一个三角架,把10卷(7000PCS)封装好的产品标签一律朝上平放进外箱中上层盖上一隔板,再用封箱胶纸将外箱口於“工”字型封好.
 - 5.将装好内箱的产品装入外箱内, 再用封箱胶纸将外箱口於“工”字型封好.并贴上对应的标签。

		REEL	CARTON
CONNECTOR (PCS)		700	7000
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X.XX	±0.20	APPROVED BY: Jacky	Date: 2023.11.11
X.X	±0.30	TITILE	
ANGULAR	±3°	USB TYPE-C FEMALE 16P垫高款CH=3.5	
THIRD ANGLE PROJECTION		PART NO. CF216-007SCB12R-02	DWG NO. CF216-007-02
UNIT mm	SCALE 1:1	DRAWING A4	SHEET NO. 3 OF 3
		REV. C	