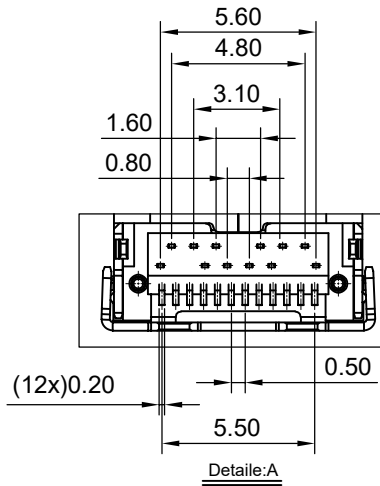
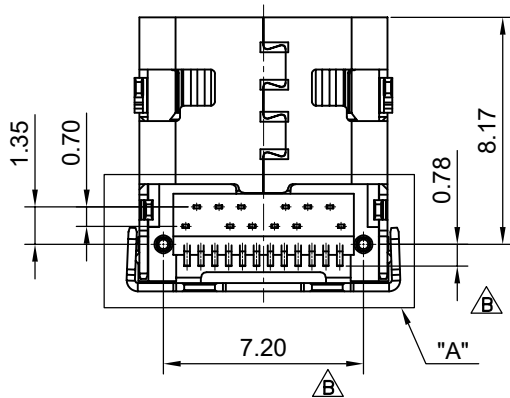
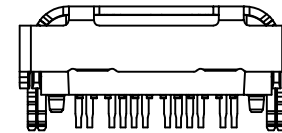
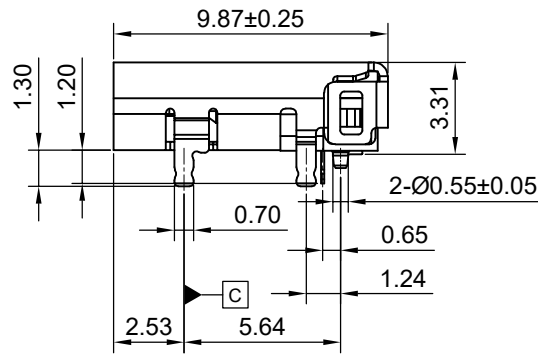
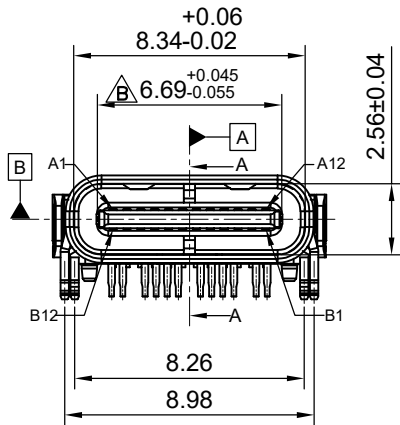
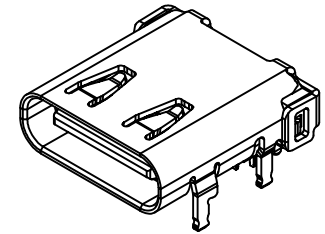
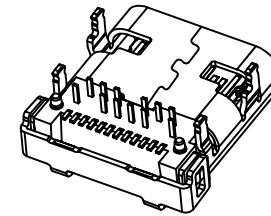
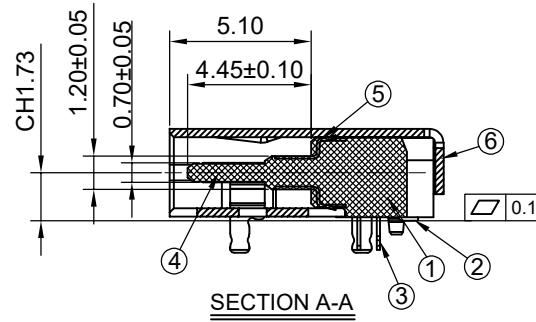
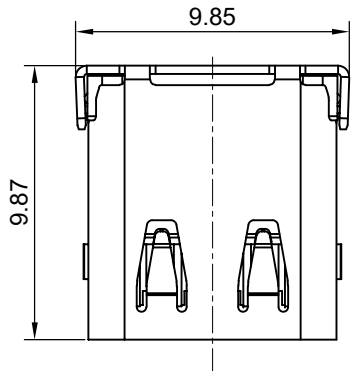
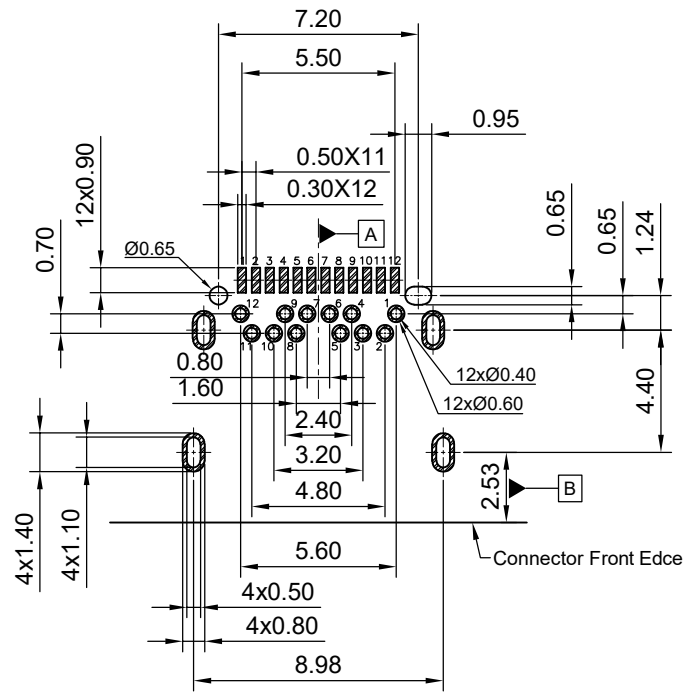


REV	ECN No.	DATE	REMARK
A	NEW	2017.10.05	NEW RELEASE
B	---	2023.09.04	加标尺寸



TYPE:					
6	SHELL	SUS304 1/2H T=0.30mm	NICKEL 30u" MIN PLATING		1PCS
5	EMI	SUS304 1/2H T=0.10mm	CLEAR ONLY		2PCS
4	SHIELDING PLATE	SUS301 3/4H T=0.15mm	CLEAR ONLY		1PCS
3	SMT CONTACT	C18400-H T=0.12mm	Ni 50u" MIN. UNDER PLATED OVER ALL. Au 3u" PLATED ON THE FUNCTIONAL AREA OF CONTACT. PLATING GF OF THE SOLDER AREA		1SET
2	DIP CONTACT	C18400-H T=0.12mm			1SET
1	HOUSING	LCP UL94V-0	BLACK		1PCS
NO.	DESCRIPTION	MATERIAL	REMARKS		QTY
GENERAL TOLERANCES (UNLESS SPECIFIED)		DRAWN BY: HuangXiaoHao	Date: 2023.09.04	 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: 2023.09.04		
X.XX	±0.25			TITLE USB TYPE-C FEMALE 24PIN DIP+SMT CONN	
X.X	±0.30	APPROVED BY: Jacky	Date: 2023.09.04	PART NO. CF170-24SLB12R-02	DWG NO. CF170-24-02
ANGULAR	±3°			DRAWING A4	SHEET NO. 1 OF 3
THIRD ANGLE PROJECTION		UNT mm	SCALE 1:1	REV. B	
					

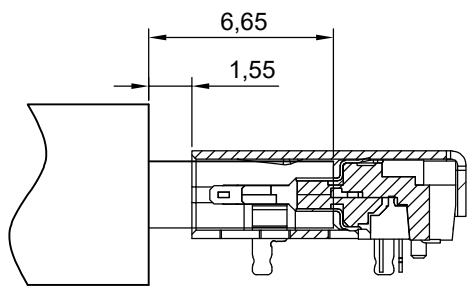
REV	ECN No.	DATE	REMARK
A	NEW	2017.10.05	NEW RELEASE
B	---	2023.09.04	加标尺寸



RECOMMEND P.C.B LAYOUT(T=1.00mm)
TOLERANCE UNSPECIFIED ±0.05mm

USB Type-C Pin Assignments

Pin Number	Signal Name	Pin Number	Signal Name
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
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	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND



Mated Condition(REF.)

Specifications:

- 1.Electrical Performance,
 - 1-1. Current Rating:5 Amps. For Total VBUS/GND Pins;
0.5Amps For CC Pin,
0.25 Amps. For All Other Contact.
 - 1-2. Voltage Rating:20V DC/AC (Rms. Max)
 - 1-3. Contact Resistance: 40mΩ Max Initial.
50mΩ Max After Test
 - 1-4.Dielectric Withstanding Voltage: 100V AV
 - 1-5.Insulation Resistance:100MΩ Min
- 2.Mechanical Performance,
 - 2-1.Insertion Force: 5~20N.
 - 2-2.Extraction Force: 8~20N.
 - 2-3.Durability: 10000 Cycles.
- 3.Environmental Performance:
 - Operating Temperature: -25°C~+85°C.
- 4.IR Reflow:
 - The Peak Temperature On The Board Shall Be Maintained For 10 Seconds At 260°C.
- 5.TID NO.:3658

Ordering Information:

CF170 - 24 S L B XX XX - 02
1 2 3

1.Housing Color:

B:Black

2.Contacts Plated:

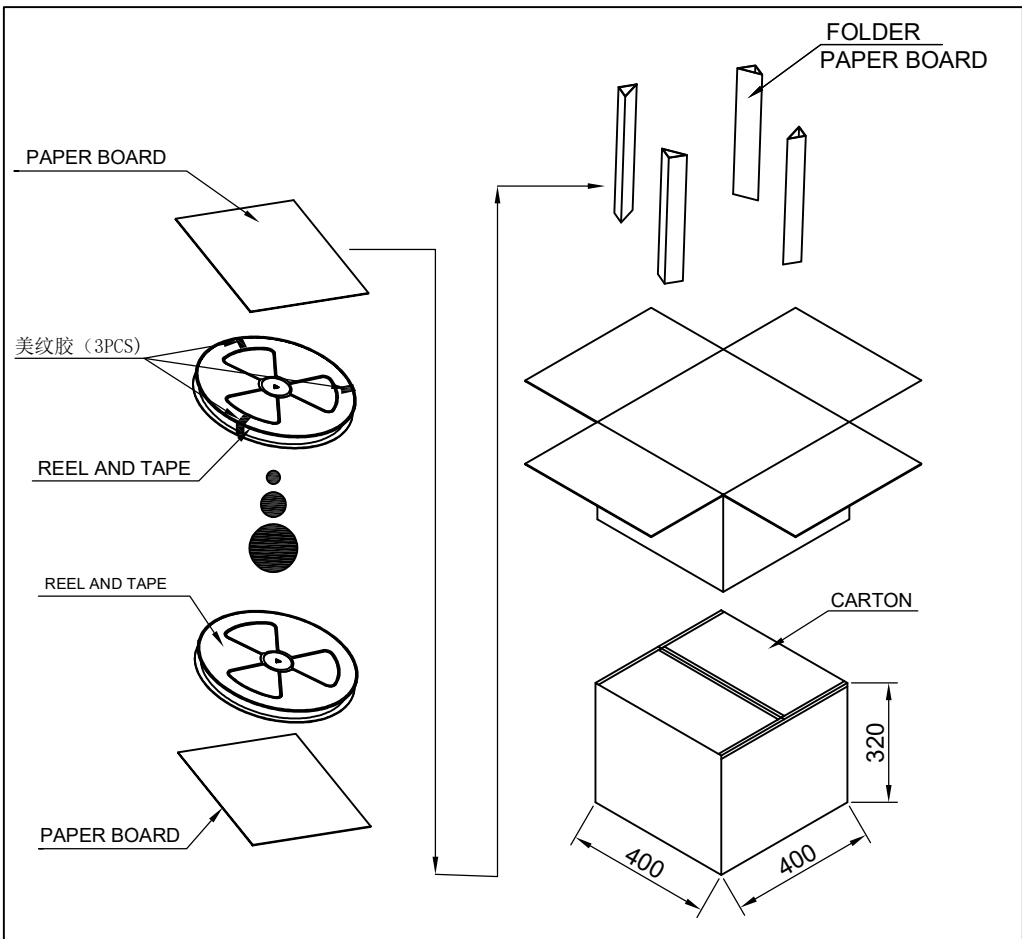
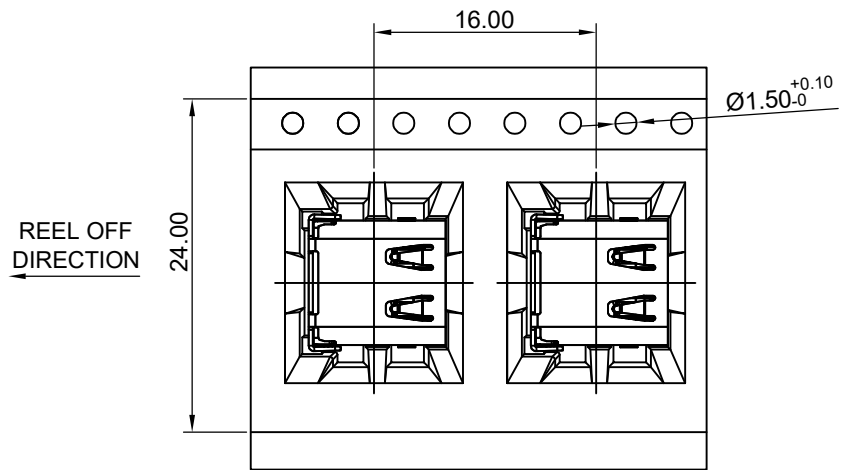
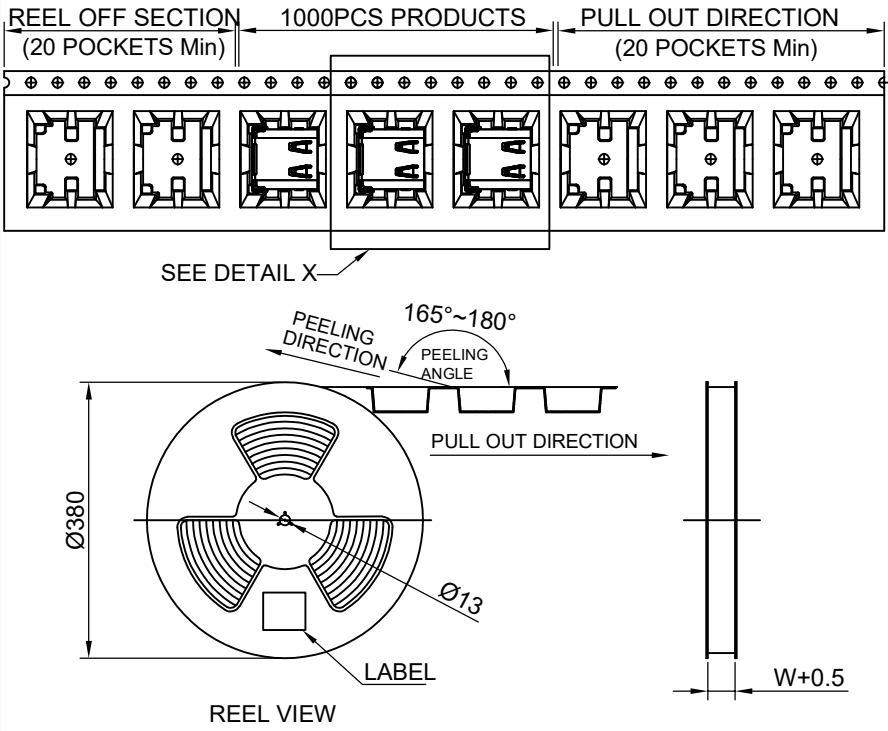
- 12:Contact Area: Au 3u",Solder Tails:GF
- 14:Contact Area: Au 15u",Solder Tails:GF
- 15:Contact Area: Au 30u",Solder Tails:GF

3.Packing Options:

- R:Tape & Reel
- VR:Tape & Teel+Vacuum Packaging

GENERAL TOLERANCES (UNLESS SPECIFIED)		DRAWN BY: HuangXiaoHao	Date: 2023.09.04	ZDT 深圳市中兴兴达科技有限公司 Shenzhen Zhongke Xingda Technological Co.,Ltd.		
X.XXX	±0.10	CHECKED BY:	Date:	TITLE USB TYPE-C FEMALE 24PIN DIP+SMT CONN		
X.XX	±0.25	liuzongliang	2023.09.04			
X.X	±0.30	APPROVED BY:	Date:	PART NO. CF170-24SLB12R-02		DWG NO. CF170-24-02
ANGULAR	±3°	Jacky	2023.09.04			
THIRD ANGLE PROJECTION		UNT mm	SCALE 1:1	DRAWING A4	SHEET NO. 2 OF 3	REV. B

REV	ECN No.	DATE	REMARK
A	NEW	2017.10.05	NEW RELEASE
B	---	2023.09.04	加标尺寸



CONNECTOR (PCS)		REEL/TRAY	CARTON
		1000	10000
GENERAL TOLERANCES (UNLESS SPECIFIED)		DRAWN BY: HuangXiaoHao Date: 2023.09.04	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: 2023.09.04	TITLE USB TYPE-C FEMALE 24PIN DIP+SMT CONN
X.XX	±0.25	APPROVED BY: Jacky Date: 2023.09.04	PART NO. CF170-24SLB12R-02
X.X	±0.30		DWG NO. CF170-24-02
ANGULAR	±3°		
THIRD ANGLE PROJECTION	UNT mm	SCALE 1:1	DRAWING A4
			SHEET NO. 3 OF 3
			REV. B