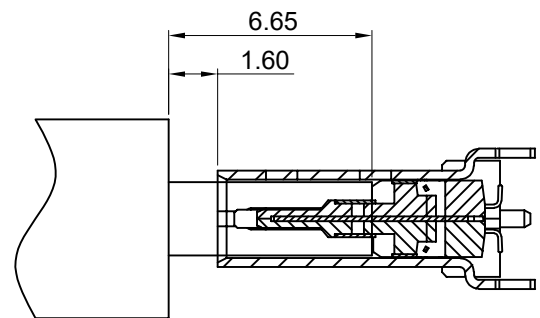
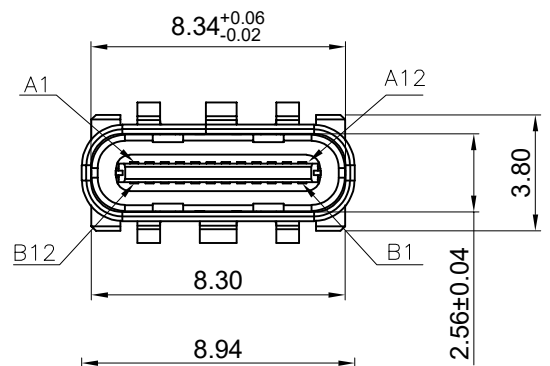
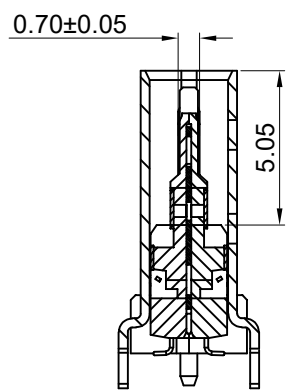
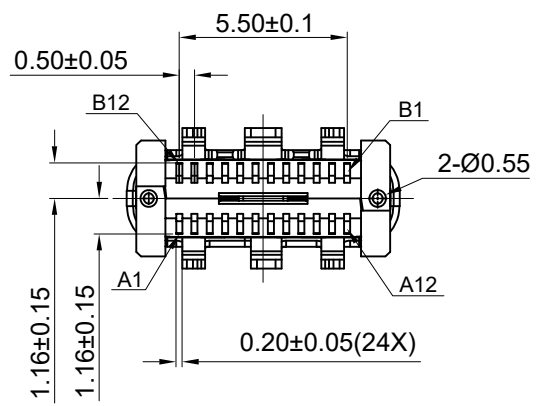
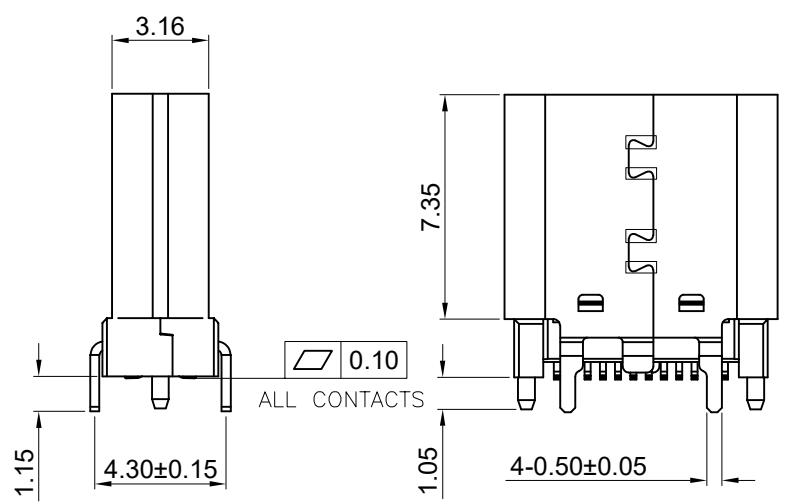
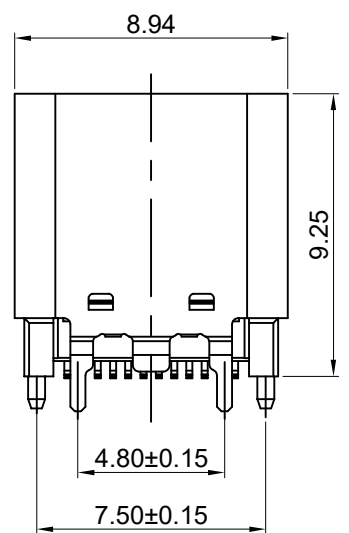
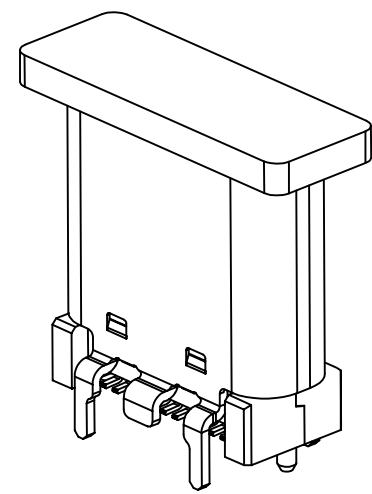


REV	ECN NO.	DATE	REMARK
A	NEW	2019.11.21	NEW RELEASE
B	ECR202303007	2023.03.21	修正图纸描述
C	----	2025.08.16	更新图框



AFTER MATING



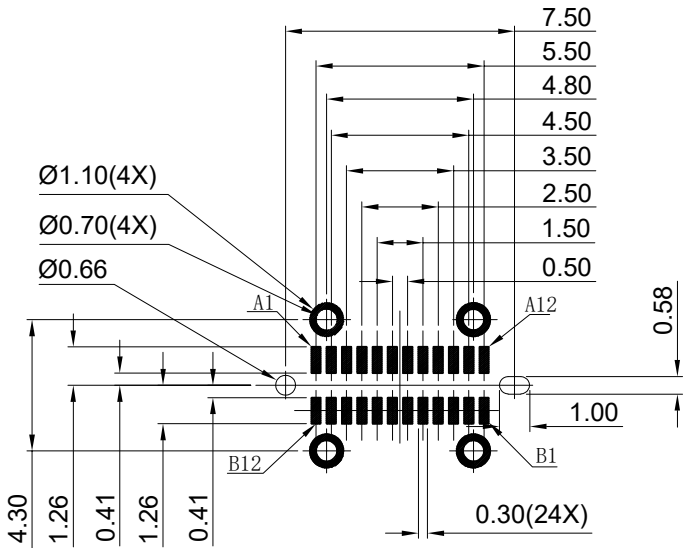
SECTION:A-A

TYPE C协会认证TID NO.	2726
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5	EMI	1PCS	STAINLESS STEEL SUS301 T=0.10MM	---
4	MID PLATE	1PCS	STAINLESS STEEL SUS301 T=0.15MM	---
3	CONTACT	24PCS	COPPER ALLOY C18150 T=0.12MM	AU PLATED ON CONTACT AREA TIN PLATED ON SOLDER AREA; NICKEL UNDER PLATING OVER ALL.
2	SHELL	1PCS	STAINLESS STEEL SUS304 T=0.30MM	NI PLATED
1	HOUSING	1PCS	HIGH TEMPERATURE PLASTIC LCP	UL94V-0
NO.	DESCRIPTION	QTY	MATERIAL	REMARKS
GENERAL TOLERANCES (UNLESS SPECIFIED)			DRAWN BY: HuangXiaoHao	Date: 2025.08.16
X.XXX	±0.10	CHECKED BY: liuzongliang	Date: 2025.08.16	TITLE USB 3.1 TYPE C FEMALE VERTICAL H9.25mm SMT TYPE
X.XX	±0.25			
X.X	±0.30	APPROVED BY: Jacky	Date: 2025.08.16	PART NO. Z-CF007SLB02L-A-02
ANGULAR	±3°			DWG NO. CF007-01
THIRD ANGLE PROJECTION		UNT mm	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

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C	----	2025.08.16	更新图框

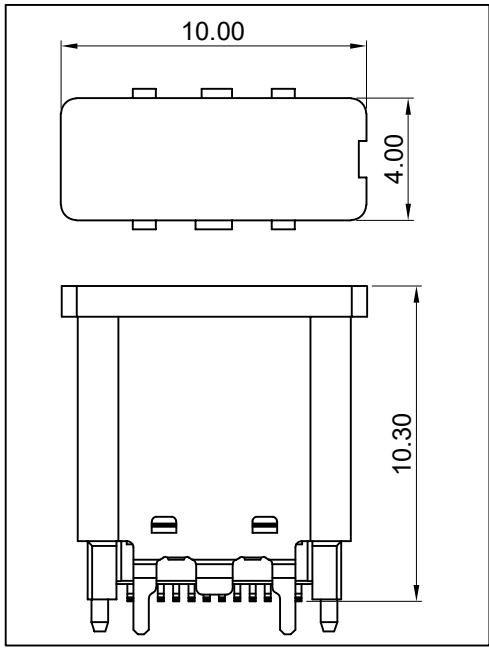


RECOMMENDED PCB LAYOUT(TOP VIEW)

THICKNESS 1.5 $\pm$ 0.10MM;DEFAULT TOLERANCE: $\pm$ 0.05

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



SPECIFICATIONS:

- ELECTRICAL PERFORMANCE
 - CURRENT RATING:5 AMPS.
 - VOLTAGE RATING:5V
 - CONTACT RESISTANCE: 40m Ω MAX INITIAL
50m Ω MAX AFTER TEST
 - DIELECTRIC WITHSTANDING VOLTAGE: 100V AC
 - INSULATION RESISTANCE:100M Ω 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

ORDERING INFORMATION :

Z-CF 007 S L $\frac{X}{1}$ $\frac{XX}{2}$ $\frac{X}{3}$ - A - 01

1.HOUSING COLOR:

B:BLACK

N:本色

2.CONTACTS PLATED:

02:CONTACT AREA: AU 3U",SOLDER TAILS:TIN

04:CONTACT AREA: AU 15U",SOLDER TAILS:TIN

05:CONTACT AREA: AU 30U",SOLDER TAILS:TIN

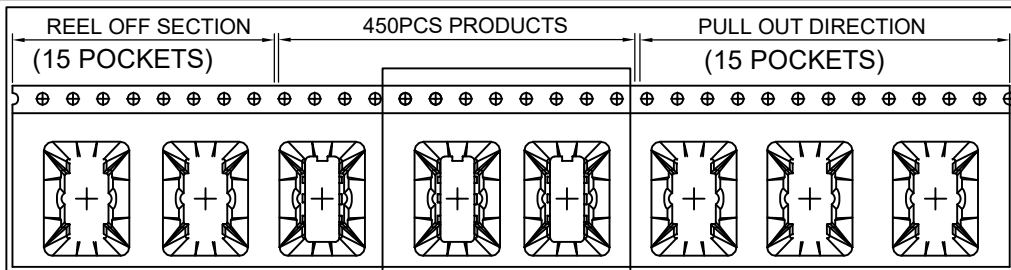
3.PACKING OPTIONS:

R:TAPE & REEL

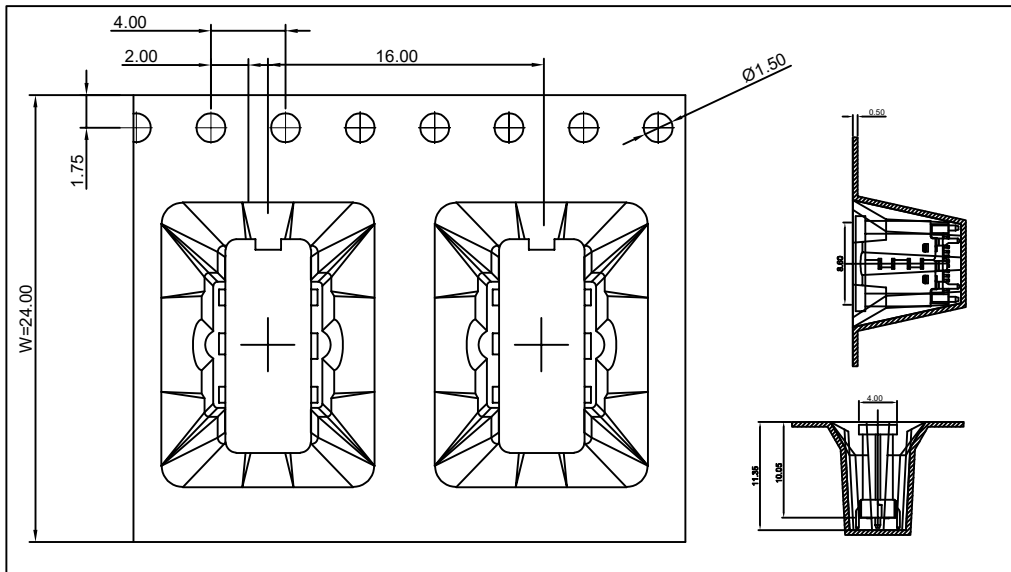
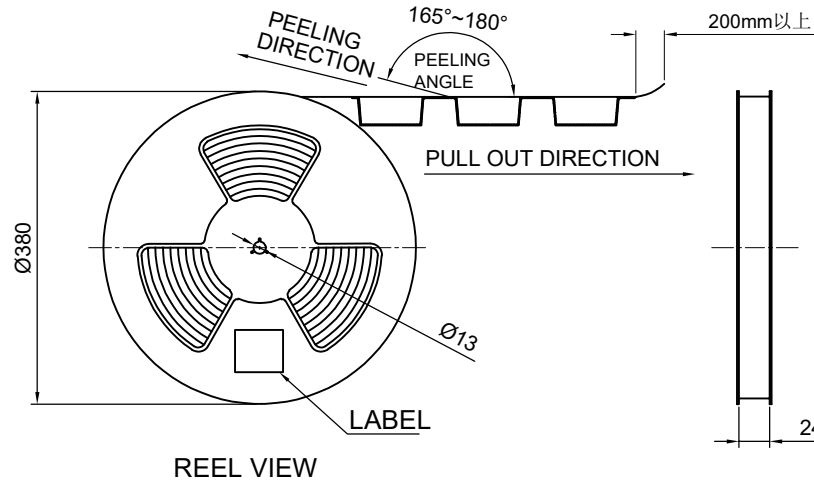
VR:TAPE & TEEL+VACUUM PACKAGING

TABLE:

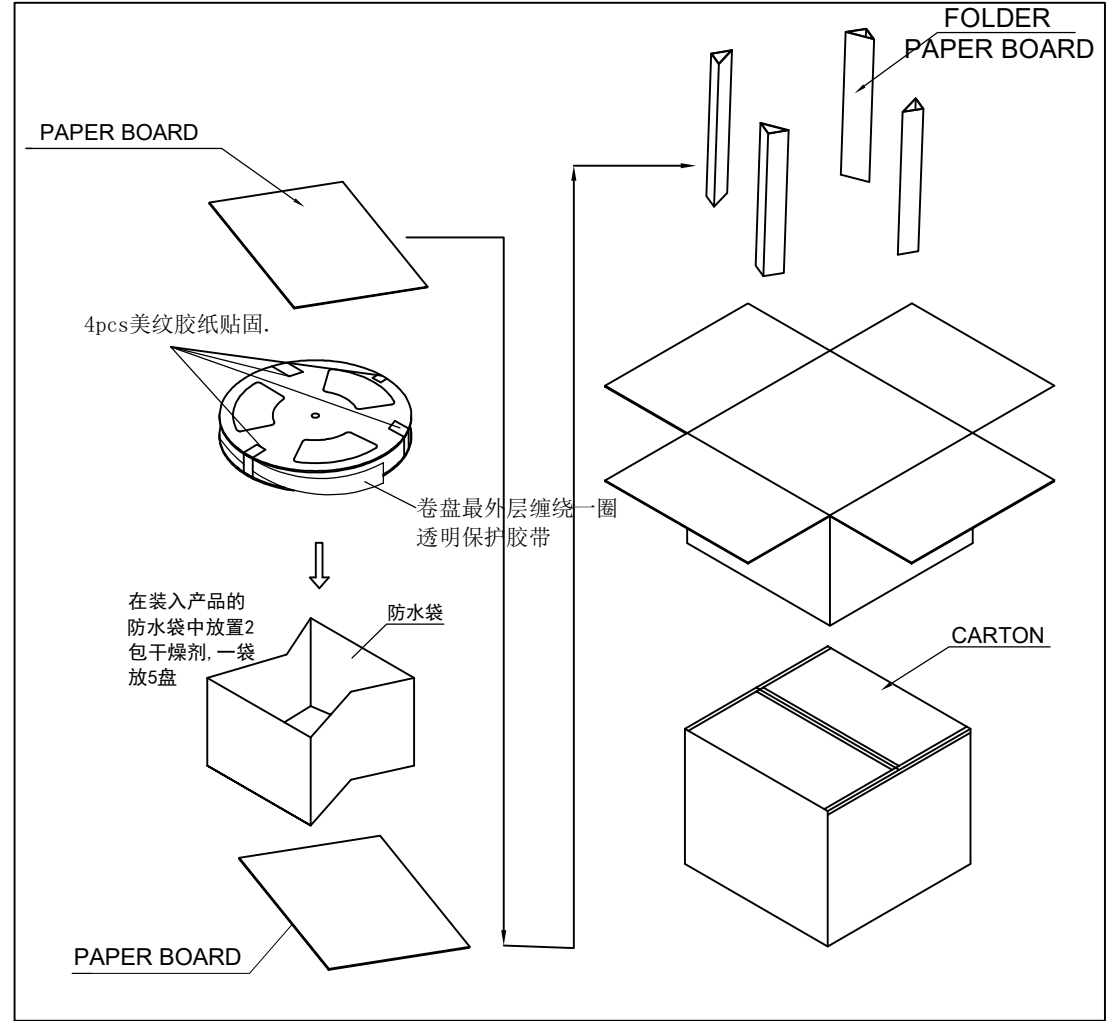
1	Z-CF007SLB02R-A-01	BLACK	Au:3u"	Sn	Ni	载带热封(不常做)
2	Z-CF007SLB02L-A-01	BLACK	Au:3u"	Sn	Ni	载带冷封
3	Z-CF007SLB04L-A-01	BLACK	Au:15u"	Sn	Ni	载带冷封
4	Z-CF007SLB05L-A-01	BLACK	Au:30u"	Sn	Ni	载带冷封
5	Z-CF007SLB02VR-A-01	BLACK	Au:3u"	Sn	Ni	载带冷封+CAP+真空包装
6	Z-CF007SLN02L-A-01	本色	Au:3u"	Sn	Ni	载带冷封
ITEM	P/N	HOUSING COLOR	FUNCTIONAL AREA	SOLDER AREA	SHELL PLATING	包装要求
GENERAL TOLERANCES (UNLESS SPECIFIED)		DRAWN BY: Date: HuangXiaoHao 2025.08.16		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 2025.08.16		TITLE USB 3.1 TYPE C FEMALE VERTICAL H9.25mm SMT TYPE		
X.XX	± 0.25	APPROVED BY: Date: Jacky 2025.08.16		PART NO. Z-CF007SLB02L-A-02		DWG NO. CF007-01
X.X	± 0.30					
ANGULAR	$\pm 3^\circ$					
THIRD ANGLE PROJECTION		UNT mm	SCALE 1:1	DRAWING A4	SHEET NO. 2 OF 3	REV. C



SEE DETAIL X



REV	ECN NO.	DATE	REMARK
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C	----	2025.08.16	更新图框



	REEL/TRAY	CARTON
CONNECTOR (PCS)	450	4500

GENERAL TOLERANCES (UNLESS SPECIFIED)		DRAWN BY: HuangXiaoHao	Date: 2025.08.16	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: 2025.08.16	TITLE USB 3.1 TYPE C FEMALE VERTICAL H9.25mm SMT TYPE	
X.XX	±0.25				
X.X	±0.30	APPROVED BY: Jacky	Date: 2025.08.16	PART NO. Z-CF007SLB02L-A-02	
ANGULAR	±3°				
THIRD ANGLE PROJECTION		UNT mm	SCALE 1:1	DRAWING A4	SHEET NO. 3 OF 3
					REV. C