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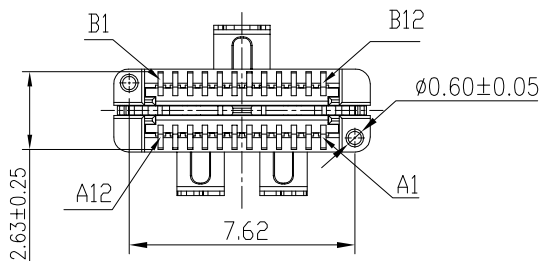
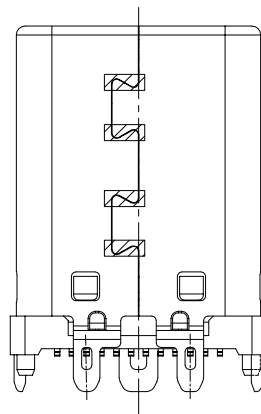
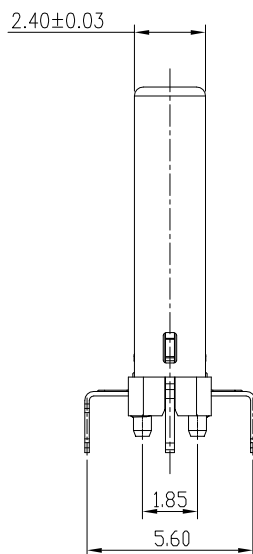
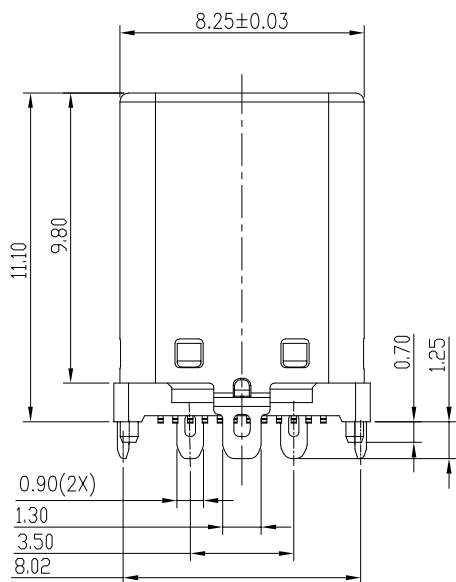
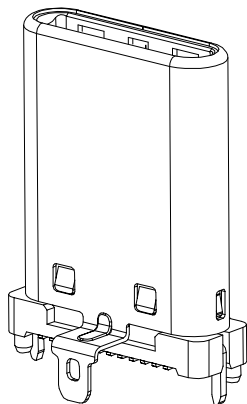
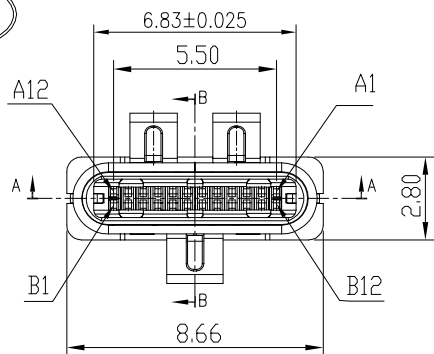
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RoHS
Compliant

REV	ECN No.	DATE	REMARK
△	原始图档	2022.03.14	

NOTE:

1.MATERIAL SPECIFICATION:

- 1.HOUSING&PICKUP COVER:LCP,UL94 V-0.BLACK
- 2.CONTACTS:SEE TABLE 1
- 3.LATCH: STAINLESS STEEL(SUS301)
- 4.SPRING: STAINLESS STEEL(SUS304)
- 5.FRONT SHELL: STAINLESS STEEL(SUS304)

2.PLATING SPECIFICATION:

2-1.CONTACTS:

- Ni 50u" MIN. UNDER PLATED OVER ALL.
- Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
- (GOLD PLATING THICKNESS FOLLOW THE P/N)

PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N

2-2.FRONT SHELL:

- Ni 30u" MIN. UNDER PLATED OVER ALL.

2-3.LATCH:

- Ni 50u" MIN. UNDER PLATED OVER ALL.
- 80u" MIN. TIN PLATED ON SOLDER AREA.

2-4.SPRING:

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. CURRENT RATING:SEE TABLE 1
- VOLTAGE RATING:5.0V

4-2. LLCR:

- VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
- SHIELD: 50mΩ/MAX.
- LLCR MAX. CHANGE OF ALL PINS: 10mΩ.

4-3.INSULATION RESISTANCE: 100MΩ MIN

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

5. ENVIRONMENTAL PERFORMANCE:

- OPERATING TEMPERATURE: -25°C~+85°C.

6.IR REFLOW:

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

MATERIAL NO.:

JK-US1124BGB001R

REVIEW TABLE FOR DETAILS

QUALITY SYMBOL
▽ = 0
▽ = 0GENERAL TOLERANCES
(UNLESS SPECIFIED)

XX ±0.30	X." ±10"
.XX ±0.20	.X" ±8"
.XXX±0.10	.XX'±5"
UNITS	MM

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO J K F
Technology Co.,Ltd. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

TITLE: **USB CM VERTICAL TYPE**
HIGHT=11.1

ECN DESCRIPTION

RELEASE TO TOOLING

DRAWN BY

Kate Liu

DATE

2022.03.14

CHECKED BY

Simon Fand

DATE

2022.03.14

APPROVED BY

Jack Liu

DATE

2022.03.14



J K F Technology Co.,Ltd

DOCUMENT NO.

SHEET NO.

1 OF 1

DIMENSION STYLE

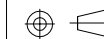
MM ONLY

DESIGN UNITS

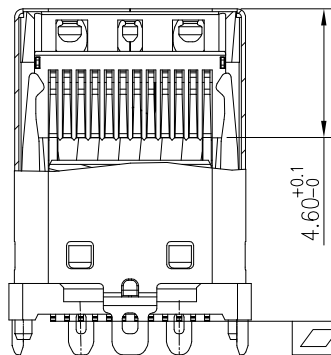
METRIC

SCALE

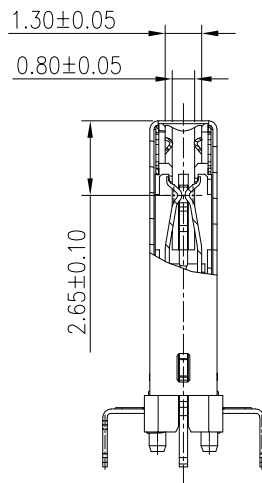
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THIRD ANGLE
PROJECTION

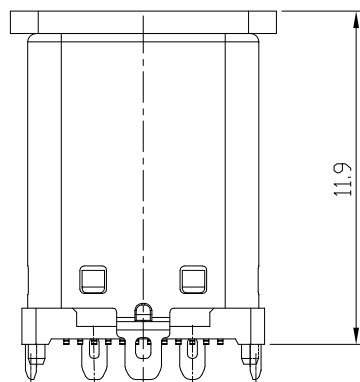
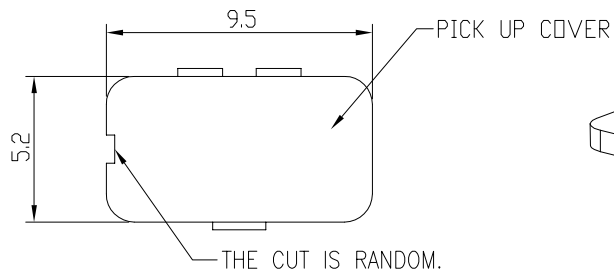
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Rev.A 2022.03.14



SECTION A-A



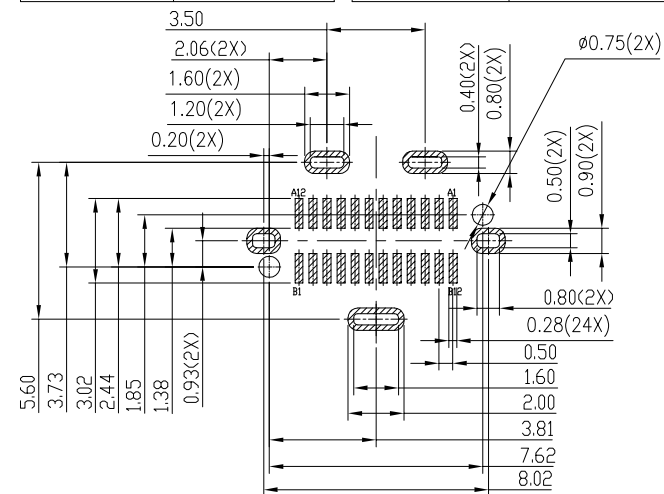
SECTION B-B



AFTER WITH PICKUP COVER

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	V BUS	B9	V BUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	V BUS	B4	V BUS
A10	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND



RECOMMENDED PCB LAYOUT (TOP VIEW)

THICKNESS: 0.8±0.10MM; DEFAULT TOLERANCE: ±0.05

MATERIAL NO:			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO J K F Technology Co.,Ltd. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
JK-US1124BGB001R-1			TITLE: USB CM VERTICAL TYPE HIGHT=11.1			ECN DESCRIPTION			
REVIEW TABLE FOR DETAILS						RELEASE TO TOOLING			
QUALITY SYMBOL = 0 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		 J K F Technology Co.,Ltd			DRAWN BY		DATE	
	X.X ±0.30 X." ±10"					Kate Liu		2022.03.14	
	.XX ±0.20 .X" ±8"		CHECKED BY		DATE				
	.XXX±0.10 .XX"±5"		Simon Fand		2022.03.14				
	UNITS MM		APPROVED BY		DATE				
		Jack Liu		2022.03.14					
		DOCUMENT NO.		SHEET NO.					
		1 OF 1							
		DIMENSION STYLE MM ONLY		DESIGN UNITS METRIC		SCALE 1:1		THIRD ANGLE PROJECTION	

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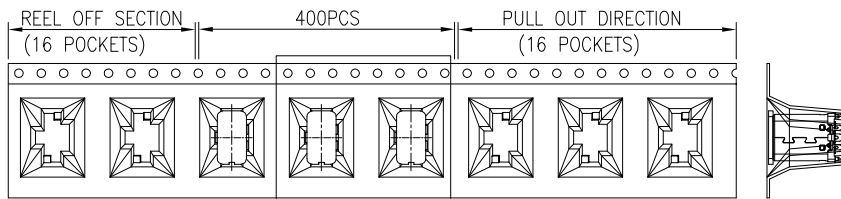
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RoHS
Compliant

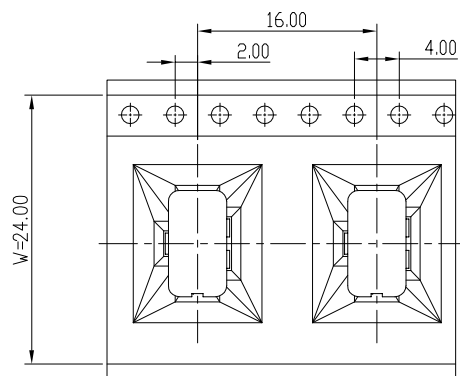
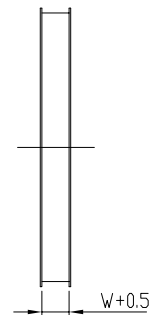
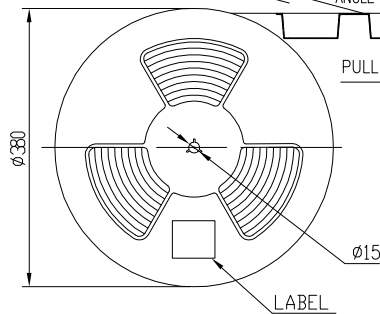
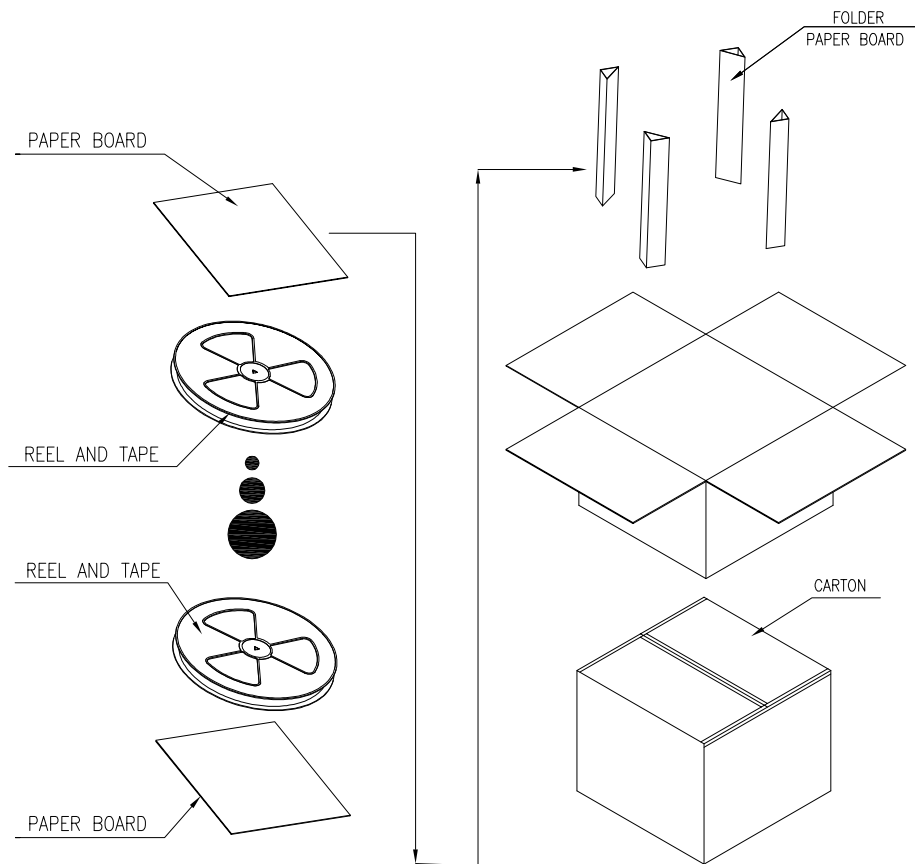
REV	ECN No.	DATE	REMARK
△	原始图档	2022.03.14	



SEE DETAIL X

PEELING
DIRECTION165°~180°
PEELING
ANGLE

PULL OUT DIRECTION

DETAIL X
SCALE 2:1

MATERIAL NO: JK-US1124BGB001R—包装图		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO J K F Technology Co.,Ltd. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
REVIEW TABLE FOR DETAILS		TITLE: USB CM VERTICAL TYPE HIGHT=11.1	ECN DESCRIPTION RELEASE TO TOOLING
QUALITY SYMBOL ▽ = 0 ▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DRAWN BY Kate Liu
	X.X ±0.30 X." ±10"		DATE 2022.03.14
	.XX ±0.20 .X" ±8"		CHECKED BY Simon Fand
	.XXX±0.10 .XX'±5"		DATE 2022.03.14
UNITS MM		DOCUMENT NO.	APPROVED BY Jack Liu
DIMENSION STYLE MM ONLY		DESIGN UNITS METRIC	DATE 2022.03.14
SCALE 1:1		SHEET NO. 1 OF 1	THIRD ANGLE PROJECTION

frame size: A4
Rev.A 2022.03.14