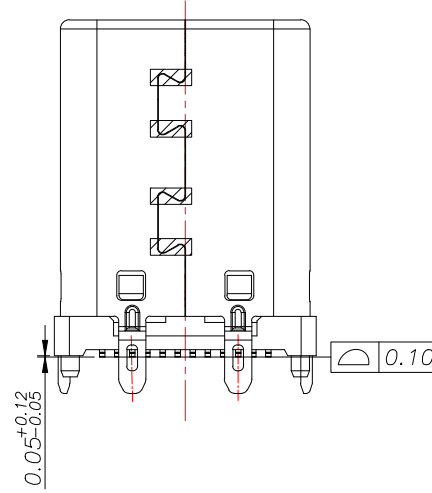
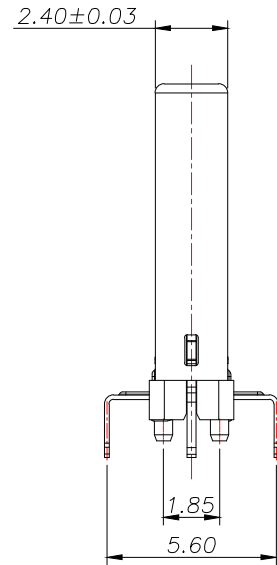
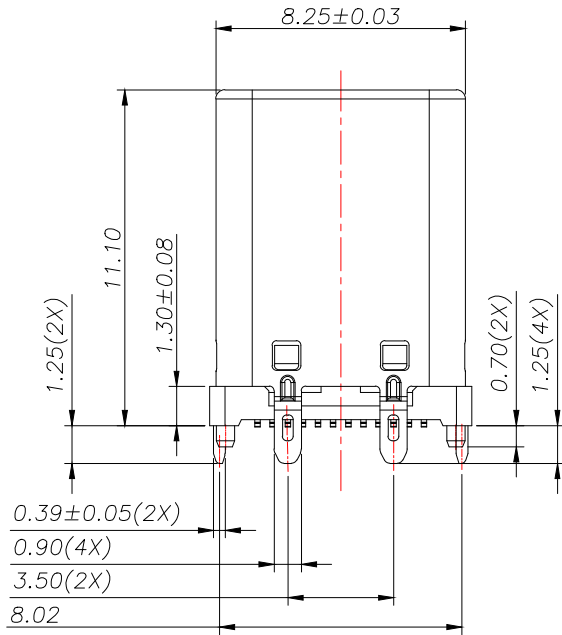
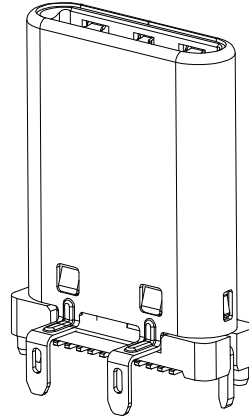
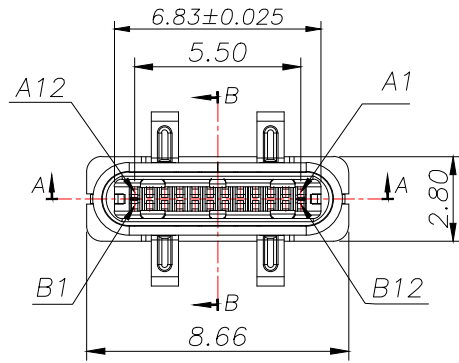


申明: 凡是没有产品料号或有“PRELIMINARY”标示的产品图均为临时图面暂不能生产/DECLARATION: ALL PRODUCT DRAWINGS WITHOUT THE PART NUMBER OR WITH "PRELIMINARY" LABEL ARE TEMPORARY DRAWINGS CAN NOT BE PRODUCED

REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
A	ECN NO.	INITIAL RELEASED		
B	ECN NO.	UPDATE THE DRAWING		



NOTE:

1.MATERIAL SPECIFICATION:

- 1.HOUSING&PICKUP COVER:LCP,UL94 V-0.
- 2.CONTACTS: COPPER ALLOY(C7025)
- 3.LATCH: STAINLESS STEEL(SUS301)
- 4.SPRING: STAINLESS STEEL(SUS304)
- 4.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,

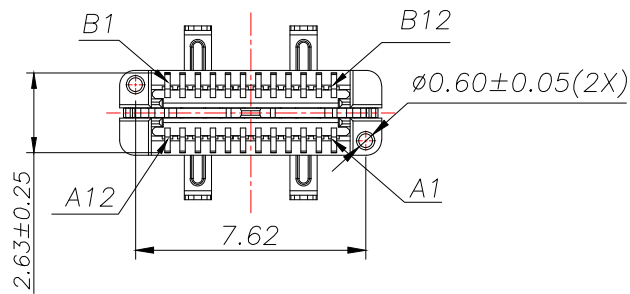
- 4-1. CURRENT RATING:3.0A
VOLTAGE RATING:5.0V
- 4-2. LLCR:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD: 50mΩ/MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
- 4-3.INSULATION RESISTANCE: 100MΩ MIN
- 4-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.

5. ENVIRONMENTAL PERFORMANCE:

- OPERATING TEMPERATURE: -25°C~+85°C.

6.IR REFLOW:

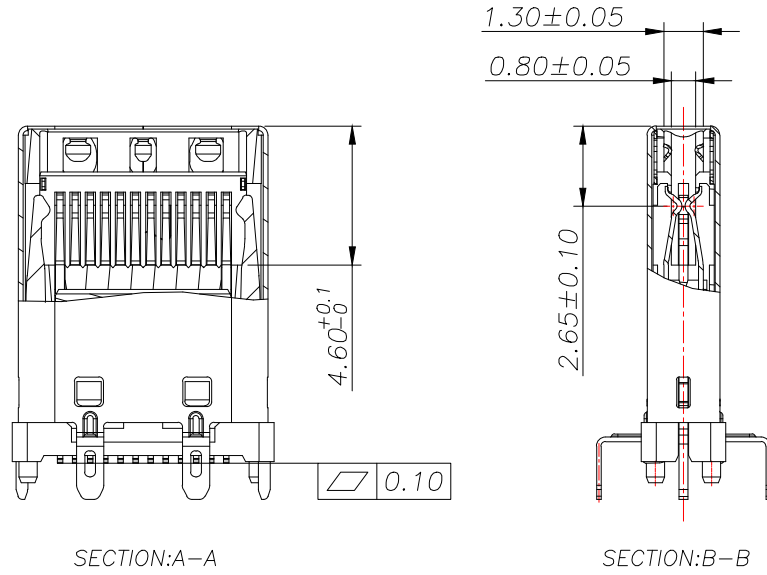
- THE PEAK TEMPERATURE ON THE BOARD SHALL
BF MAINTAINFD FOR 10 SFCONDS AT 260°C



TOLERANCE		NAME(INTENDED USE) CUSTOMER DRAWING	兆星精密电子(深圳)有限公司		
X.X	±0.30	X.°	±10°	PART NO.	TITLE:
.XX	±0.20	.X.°	± 8°	DESIGN:	Type-C 公头 立贴
.XXX	±0.10	.XX.°	± 5°	CHED:	
UNITS	mm	APPD:	DRAWG NO.	ZX-TYPEC-LTG2428	
MATERILA			SCALE	SHEET	REV.
FINISH			1:1	1/3	B

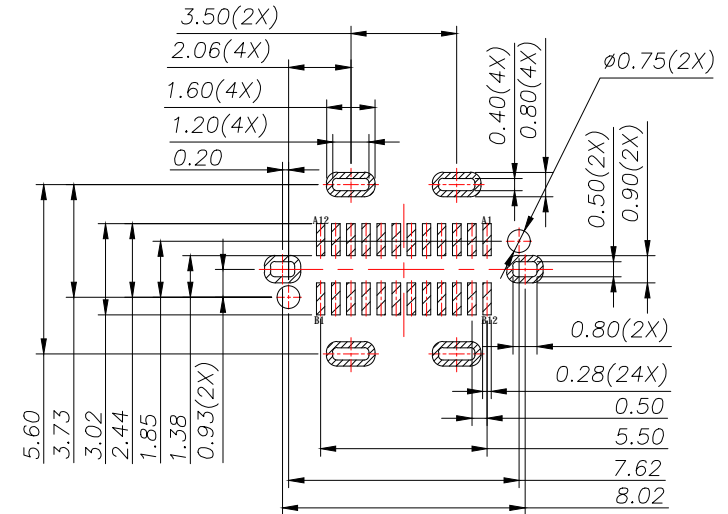
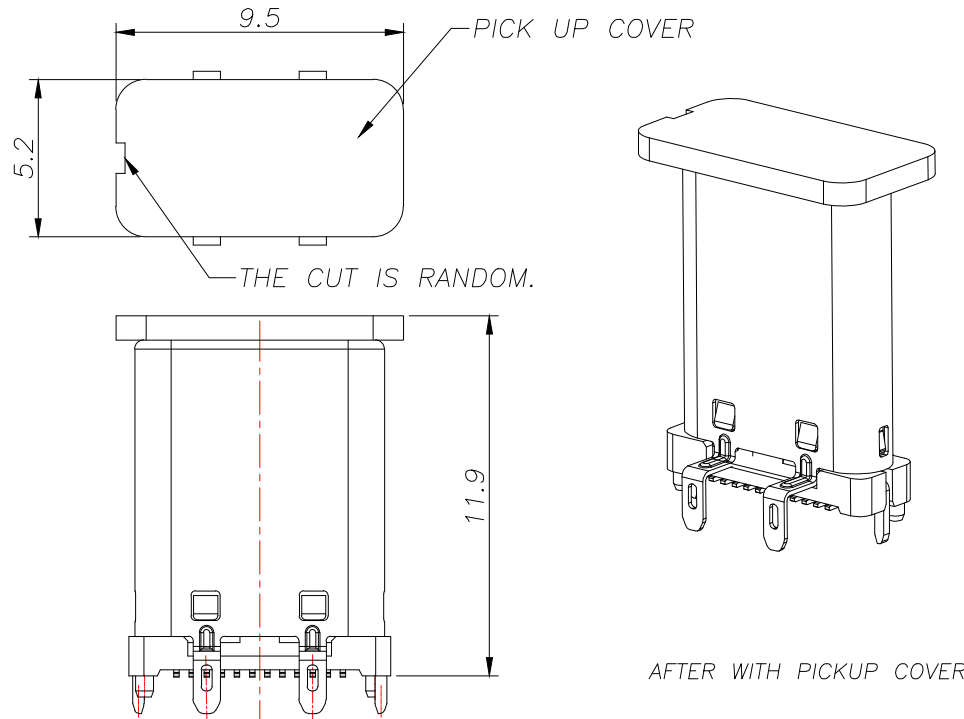
申明: 凡是没有产品料号或有“PRELIMINARY”标示的产品图均为临时图面暂不能生产/DECLARATION: ALL PRODUCT DRAWINGS WITHOUT THE PART NUMBER OR WITH "PRELIMINARY" LABEL ARE TEMPORARY DRAWINGS CAN NOT BE PRODUCED

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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

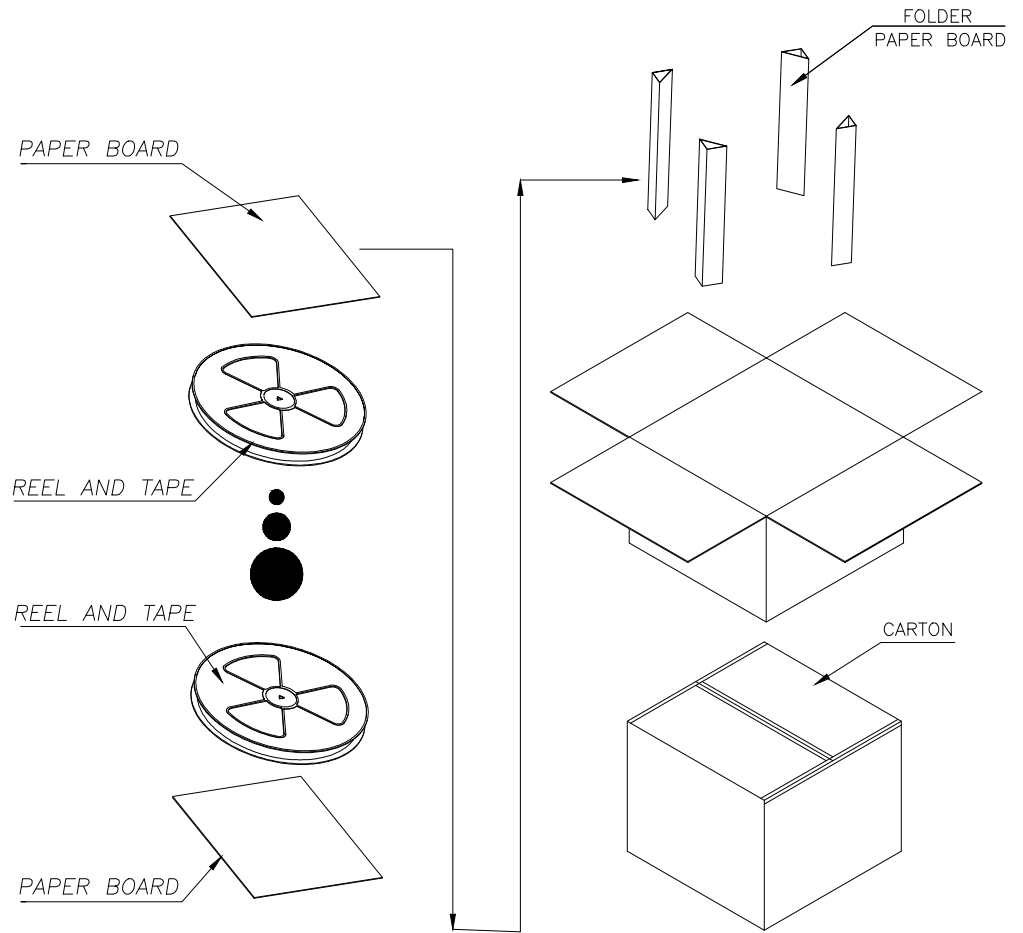
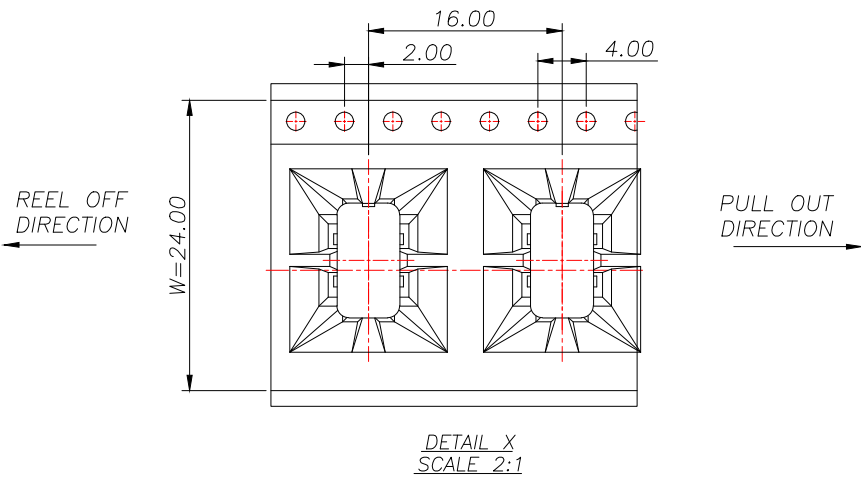
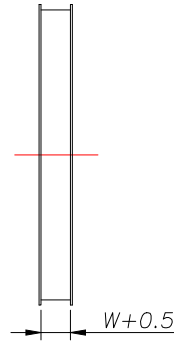
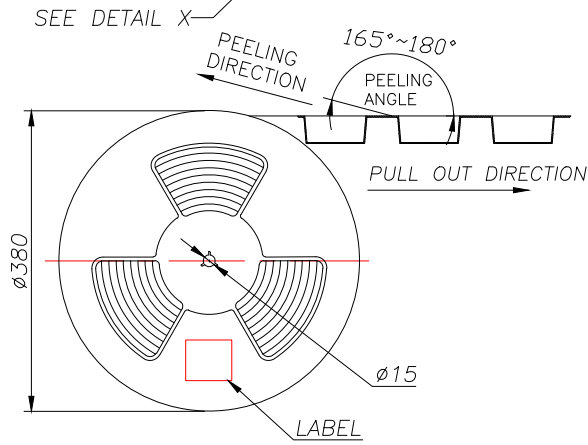
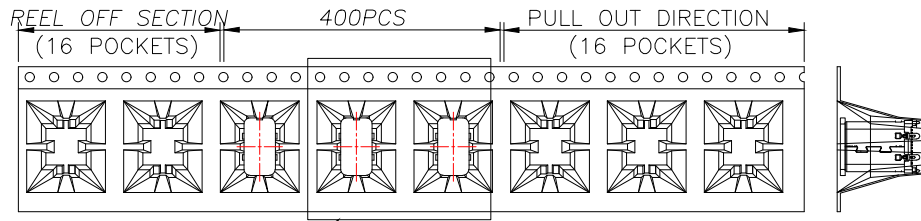


RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.8±0.10MM;DEFAULT TOLERANCE:±0.05

TOLERANCE		NAME(INTENDED USE) CUSTOMER DRAWING	兆星精密电子(深圳)有限公司		
X.X ±0.30	X.° ±10°	PART NO.	TITLE: Type-C 公头 立贴		
.XX ±0.20	.X° ± 8°	DESIGN:	DRAWG NO. ZX-TYPEC-LTG2428		
.XXX ±0.10	.XX° ± 5°	CHED:	SCALE SHEET REV.		
UNITS	mm	APPD:	1:1	2/3	B
MATERILA					
FINISH					

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	REEL/TRAY	CARTON
CONNECTOR (PCS)	400	4000

TOLERANCE		NAME(INTENDED USE) CUSTOMER DRAWING	兆星精密电子(深圳)有限公司		
X.X	± 0.30	X. $^{\circ}$	$\pm 10^{\circ}$	PART NO.	
.XX	± 0.20	.X $^{\circ}$	$\pm 8^{\circ}$	TITLE: Type-C 公头 立贴	
.XXX	± 0.10	.XX $^{\circ}$	$\pm 5^{\circ}$	DRAWG NO. ZX-TYPEC-LTG2428	
UNITS	mm		DESIGN:		
MATERILA			CHED:		
FINISH			APPD:		
				SCALE	SHEET
			1:1	3/3	REV. B