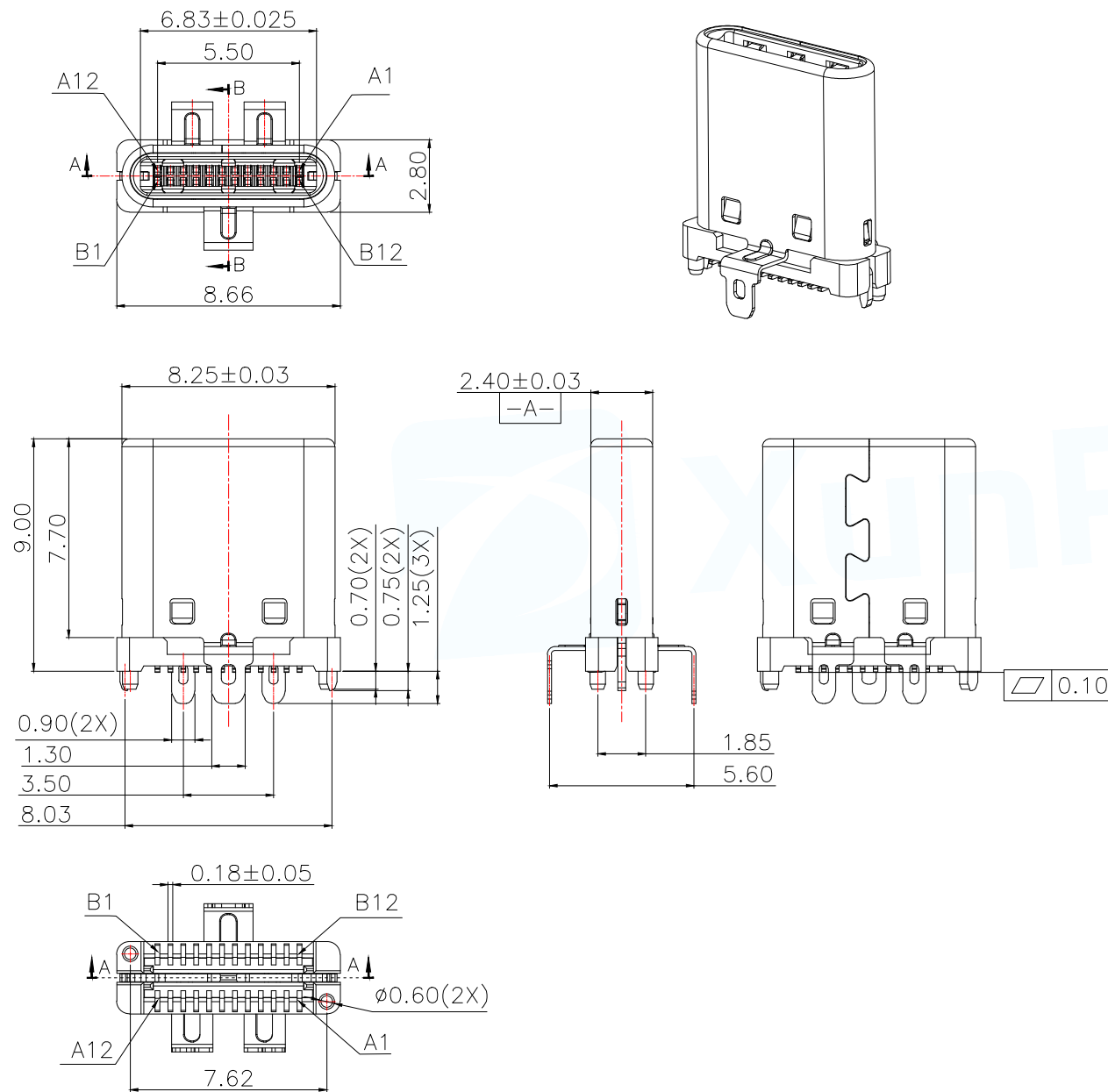




NOTE:

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)
- 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 1u")

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: 40mA/PIN MAX.
SHIELD: 50mA/MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mA.

4-3.INSULATION RESISTANCE: 100MΩ MIN

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

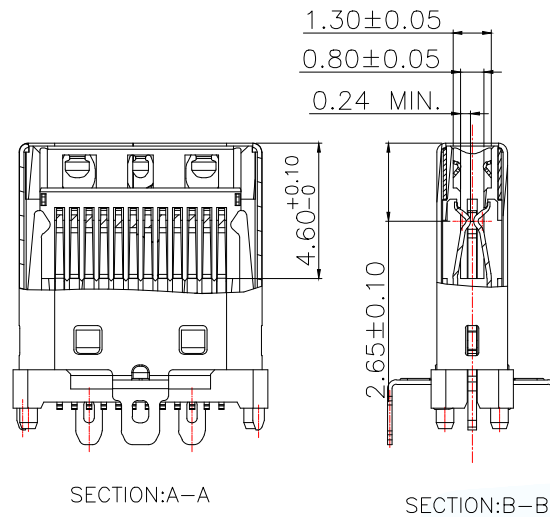
5. ENVIRONMENTAL PERFORMANCE:

OPERATING TEMPERATURE: -40°C~+85°C.

6.IR REFLOW:

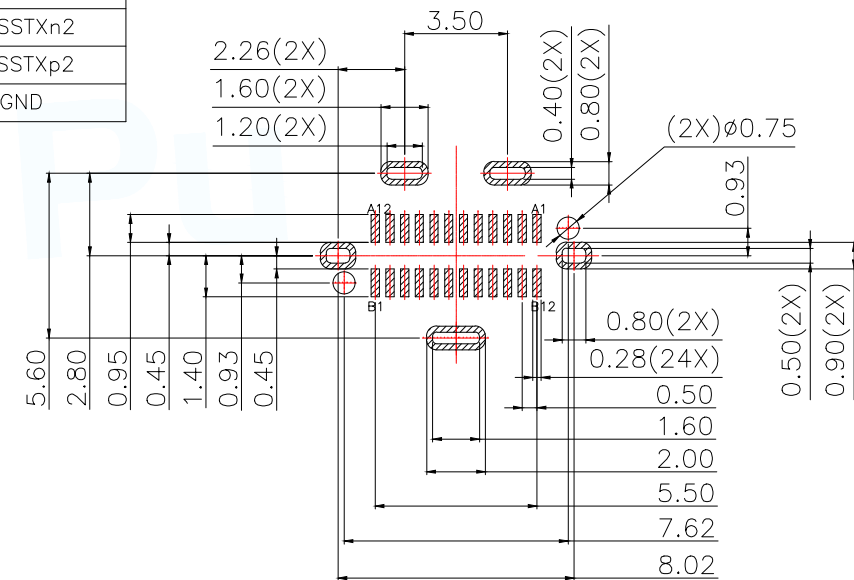
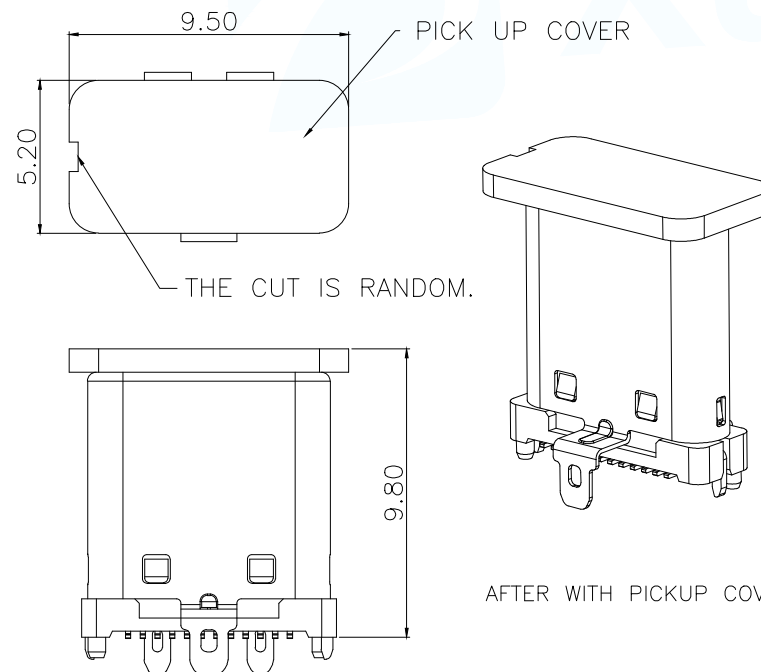
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

MANUFACTURE DWG		 东莞市讯普电子科技有限公司 DongGuan XunPu Electronics Co.,Ltd	
UNLESS OTHERWISE SPECIFIED TOLERANCES			TITLE:USB CM VERTICAL TYPE HIGHT=9.0
			PAR TYPEC-952-ACP24-H090
DECIMALS:	ANGLES:		DWN Lucas
.X:±0.30	X.'':±10'		CHKD Ethan
.XX:±0.20	X.X':±8"	CUSTOMER COPY	APVD Jacob
.XXX:±0.10	X.XX':±5'		SCALE1:1 UNIT:MM
		SIZE:A4	SHEET:1F3
			REV:A

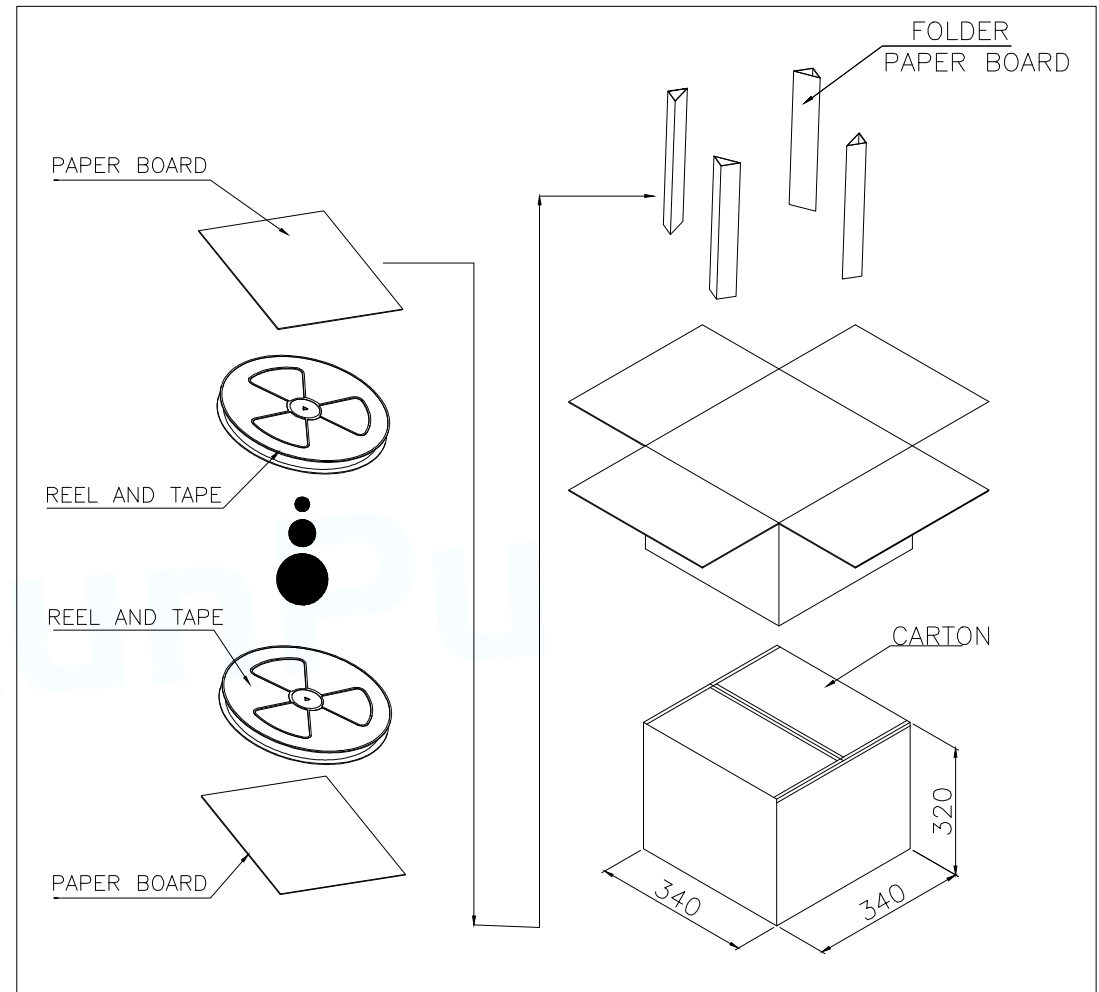
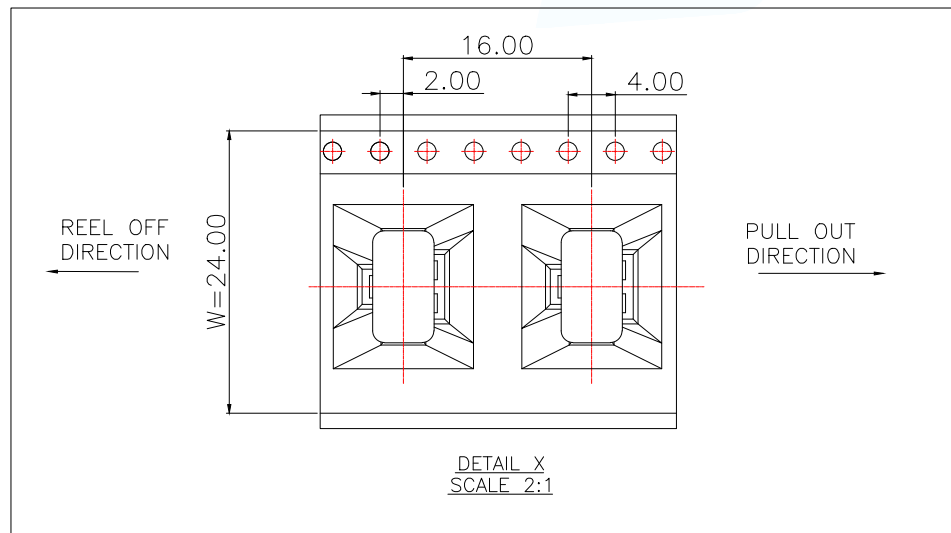
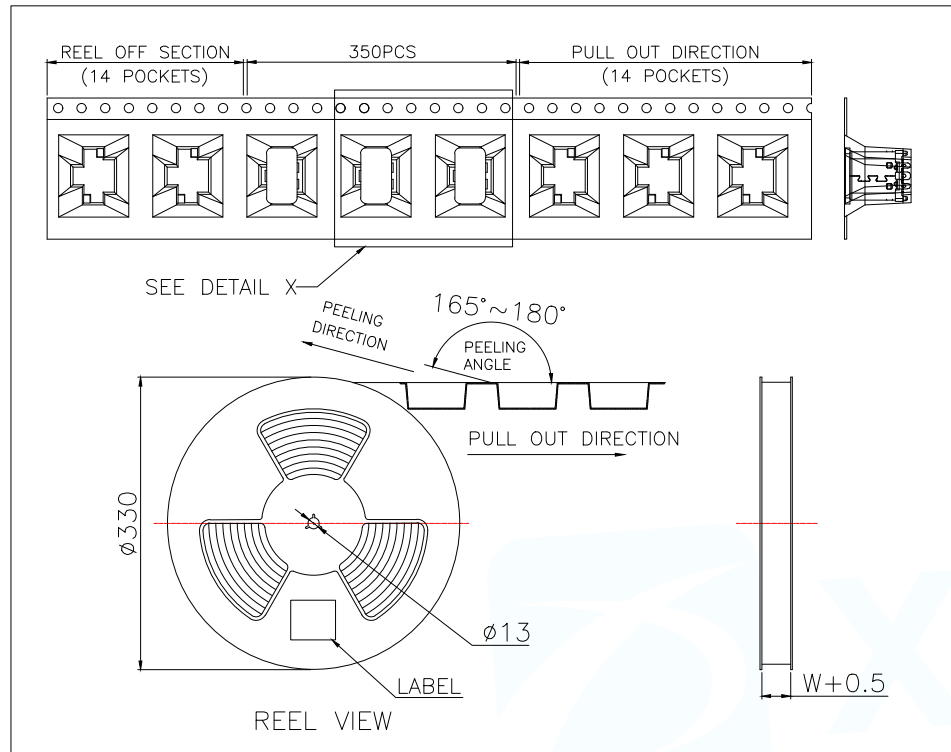


USB TYPE-C PIN ASSIGNMENTS

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

MANUFACTURE DWG		 东莞市讯普电子科技有限公司 DongGuan XunPu Electronics Co.,Ltd	
		TITLE:USB CM VERTICAL TYPE HIGHT=9.0	
		PAR	TYPEC-952-ACP24-H090
		DWN	Lucas
		CHKD	Ethan
		APVD	Jacob
DECIMALS:	ANGLES:	SCALE1:1	UNIT:MM
.X:±0.30	X.'':±10'		REV:A
.XX:±0.20	X.X':±8"		
.XXX:±0.10	X.XX':±5'		
CUSTOMER COPY		SIZE:A4	SHEET:2F3



		REEL/TRAY	CARTON
CONNECTOR (PCS)		350	3500
MANUFACTURE DWG		 东莞市讯普电子科技有限公司 DongGuan XunPu Electronics Co.,Ltd	
UNLESS OTHERWISE SPECIFIED TOLERANCES		TITLE:USB CM VERTICAL TYPE HIGHT=9.0	
DECIMALS:	ANGLES:	PAR	TYPEC-952-ACP24-H090
.X:±0.30	X.'':±10'	DWN	Lucas
.XX:±0.20	X.X':±8"	CHKD	Ethan
.XXX:±0.10	X.XX':±5'	APVD	Jacob
CUSTOMER COPY		SCALE:1:1	UNIT:MM
		SIZE:A4	SHEET:3F3
			REV:A