

REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
A	ECN NO.	INITIAL RELEASED	2022.03.24	Neo.Liu

NOTE:

1.MATERIAL SPECIFICATION:

1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0

2.TERMINAL: COPPER ALLOY(C1815)

3.MID PLATE: STAINLESS STEEL(SUS301)

4.FRONT SHELL: STAINLESS STEEL(SUS304)

5.EMI PLATE: STAINLESS STEEL(SUS304)

2.PLATING SPECIFICATION:

2-1.TERMINAL:

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:

PLATING SPECIFICATIONS FOLLOW THE P/N

2-3.MID PLATE&EMI PLATE:

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. VOLTAGE RATING:5 V DC/AC (RMS. max)

CURRENT RATING:5 AMPS. FOR TOTAL VBUS/GND PINS;

1.25AMPS FOR CC PIN,0.25 AMPS. FOR ALL OTHER CONTACT.

4-2. LLCR:

VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN 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:

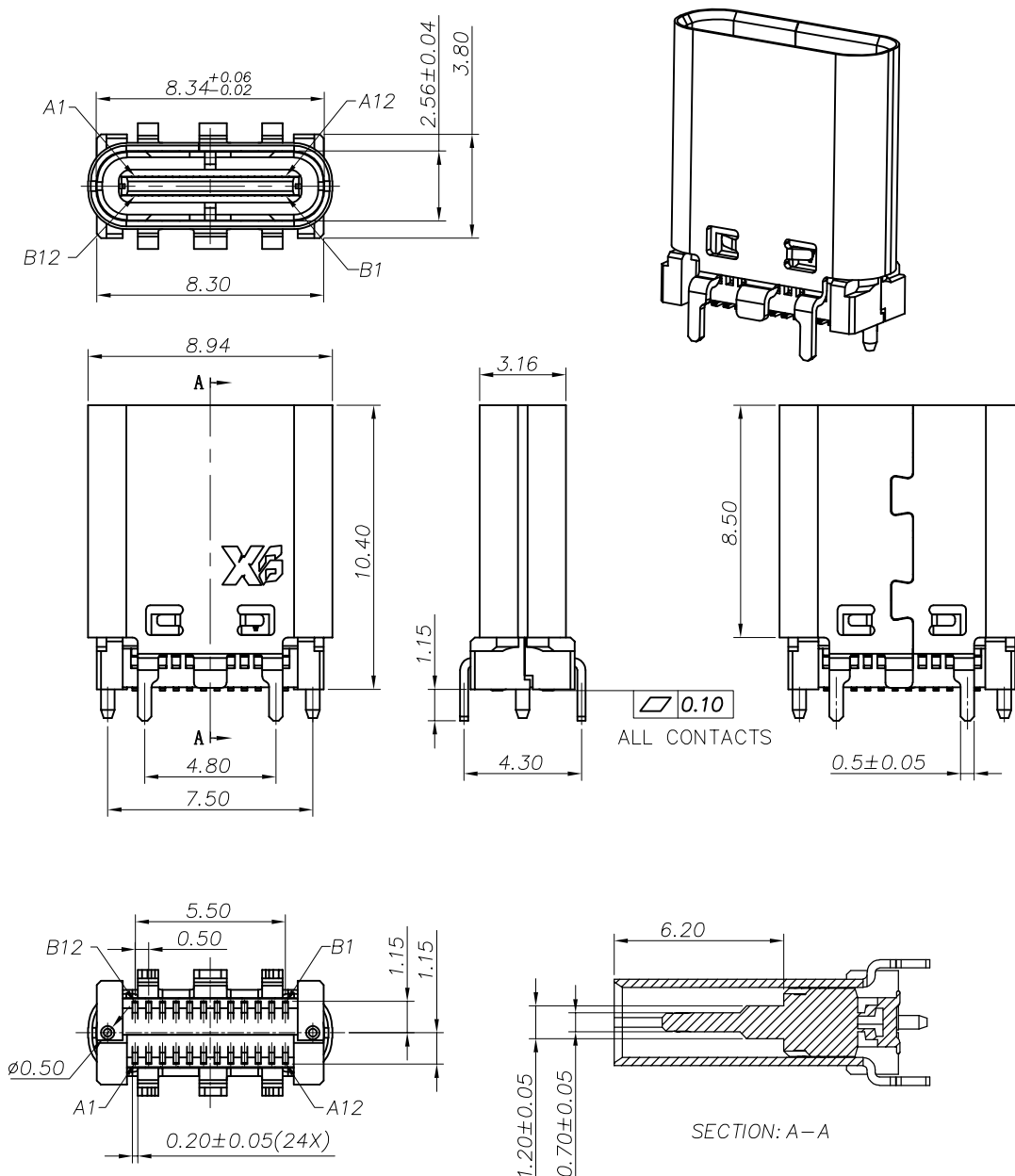
OPERATING TEMPERATURE: -25℃~+85℃.

6.IR REFLOW:

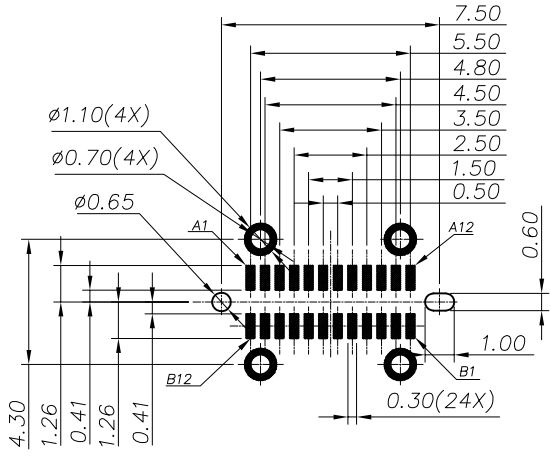
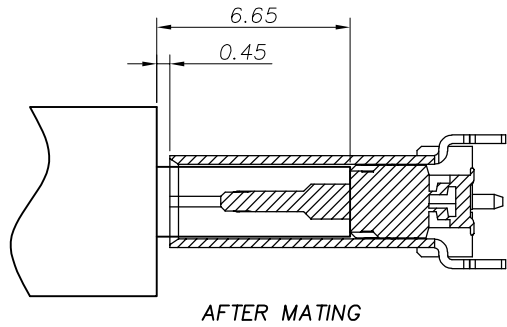
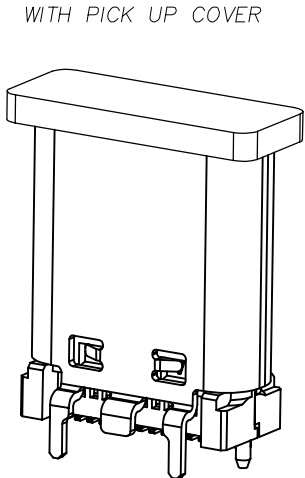
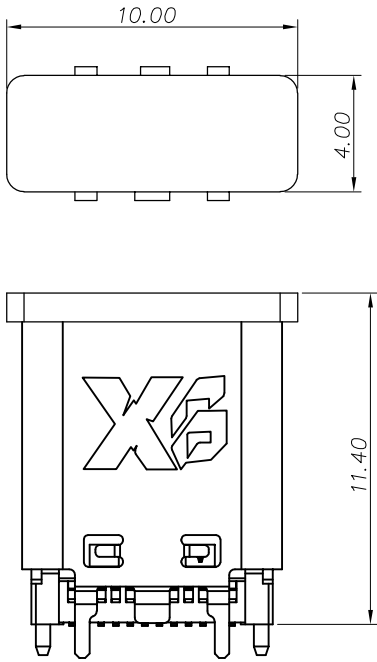
THE PEAK TEMPERATURE ON THE BOARD SHALL

BE MAINTAINED FOR 10 SECONDS AT 260℃.

TOLERANCE		NAME(INTENDED USE) CUSTOMER DRAWING	东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONICS CO., LTD.		
X.X ±0.30	X.* ±10°	PART NO.	TITLE: USB CF VERTICAL (L=10.35)		
.XX ±0.20	.X.* ± 8°	SEE P/N			
.XXX ±0.10	.XX.* ± 5°	DESIGN: Neo.Liu	DRAWG NO. XB-ACF24-115		
UNITS	mm	CHED:			
MATERILA		APPD:			
FINISH					
			SCALE	SHEET	REV.
			1:1	1/3	A



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RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 1.0±0.10MM;DEFAULT TOLERANCE:±0.05

ORDER INFORMTION

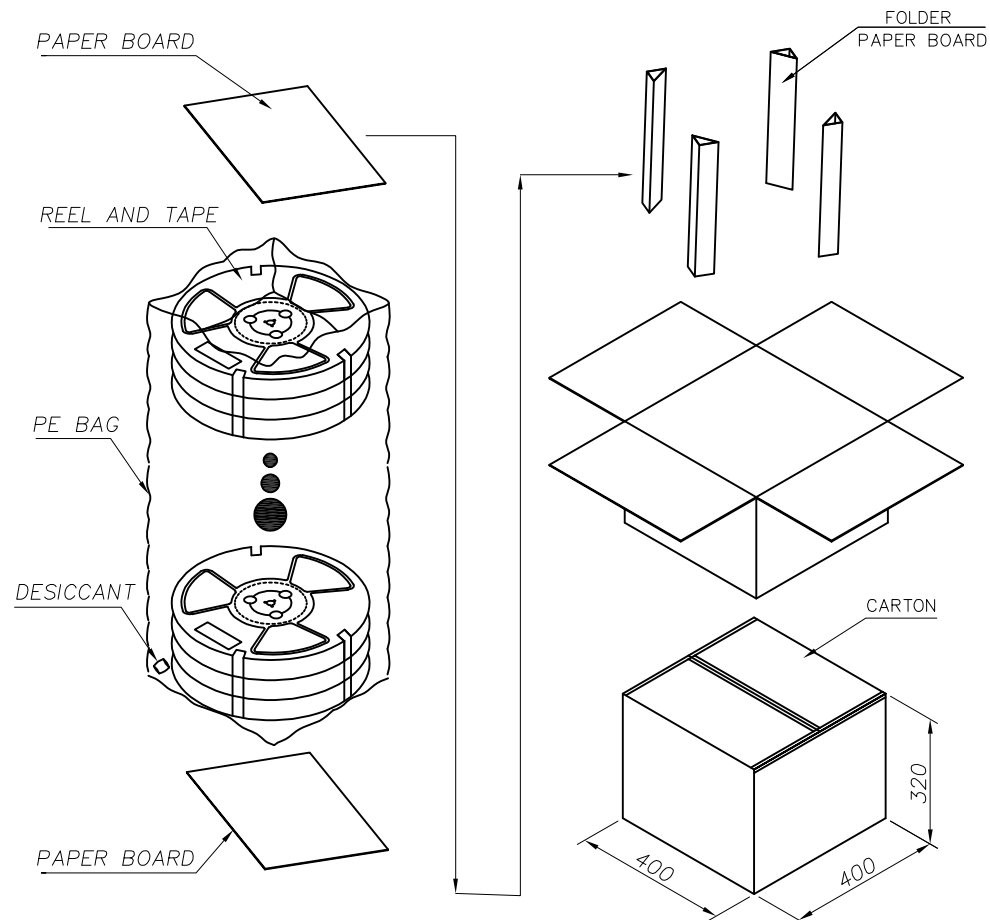
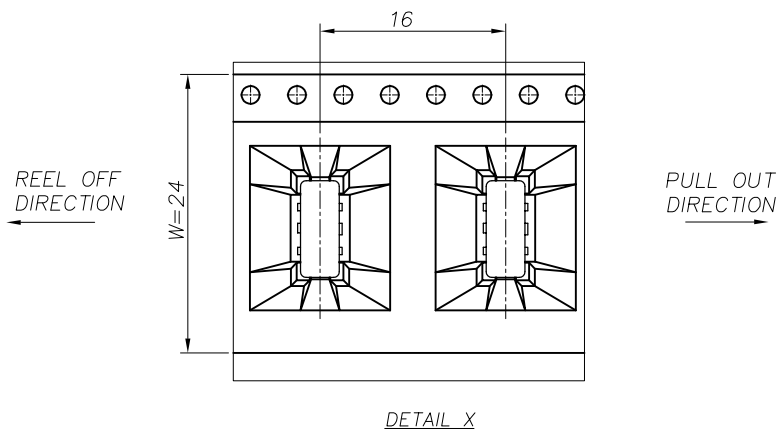
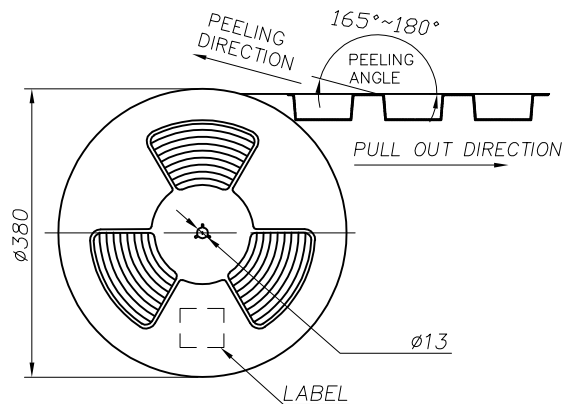
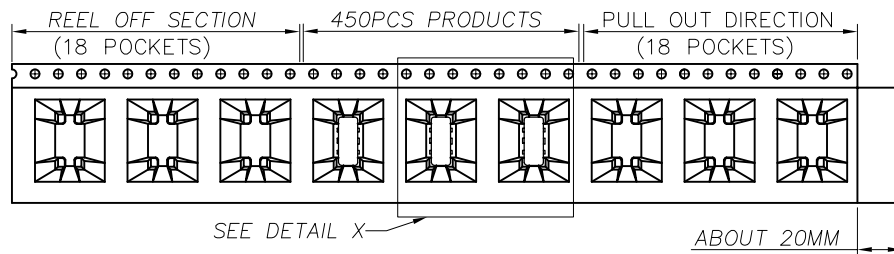
P/N: XB-ACF24-115	
HOUSING MATERIAL E: PA9T	H: HF
HOUSING COLOR 1: BLACK	CONTACT FUNCTIONAL AREA PLATED 01: Au G/F
SHELL MATERIAL H: SUS304	CONTACT SOLDER AREA PLATED 0: Sn
SHELL PLATING 1: Ni	CONTACT MATERIAL A: C1815

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TXp1	B11	RXp1
A3	TXn1	B10	RXn1
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	RXn2	B3	TXn2
A11	RXp2	B2	TXp2
A12	GND	B1	GND

TOLERANCE		NAME(INTENDED USE) CUSTOMER DRAWING	东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONICS CO., LTD.		
X.X	±0.30	X.*	±10*	PART NO.	TITLE:
.XX	±0.20	.X*	± 8*	SEE P/N	USB CF VERTICAL (L=10.35)
.XXX	±0.10	.XX*	± 5*	DESIGN: Neo.Liu	DRAWG NO.
UNITS	mm				XB-ACF24-115
MATERILA		CHED:			
FINISH		APPD:			
				SCALE	SHEET
				1:1	2/3
				REV.	A

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		REEL/TRAY		CARTON	
CONNECTOR (PCS)		450		4500	
NAME(INTENDED USE) CUSTOMER DRAWING		XB 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONIC CS CO., LTD.			
PART NO. SEE P/N		TITLE: USB CF VERTICAL (L=10.35)			
DESIGN: Neo.Liu		DRAWG NO. XB-ACF24-115			
CHED:					
APPD:		SCALE SHEET REV. 1:1 3/3 A			