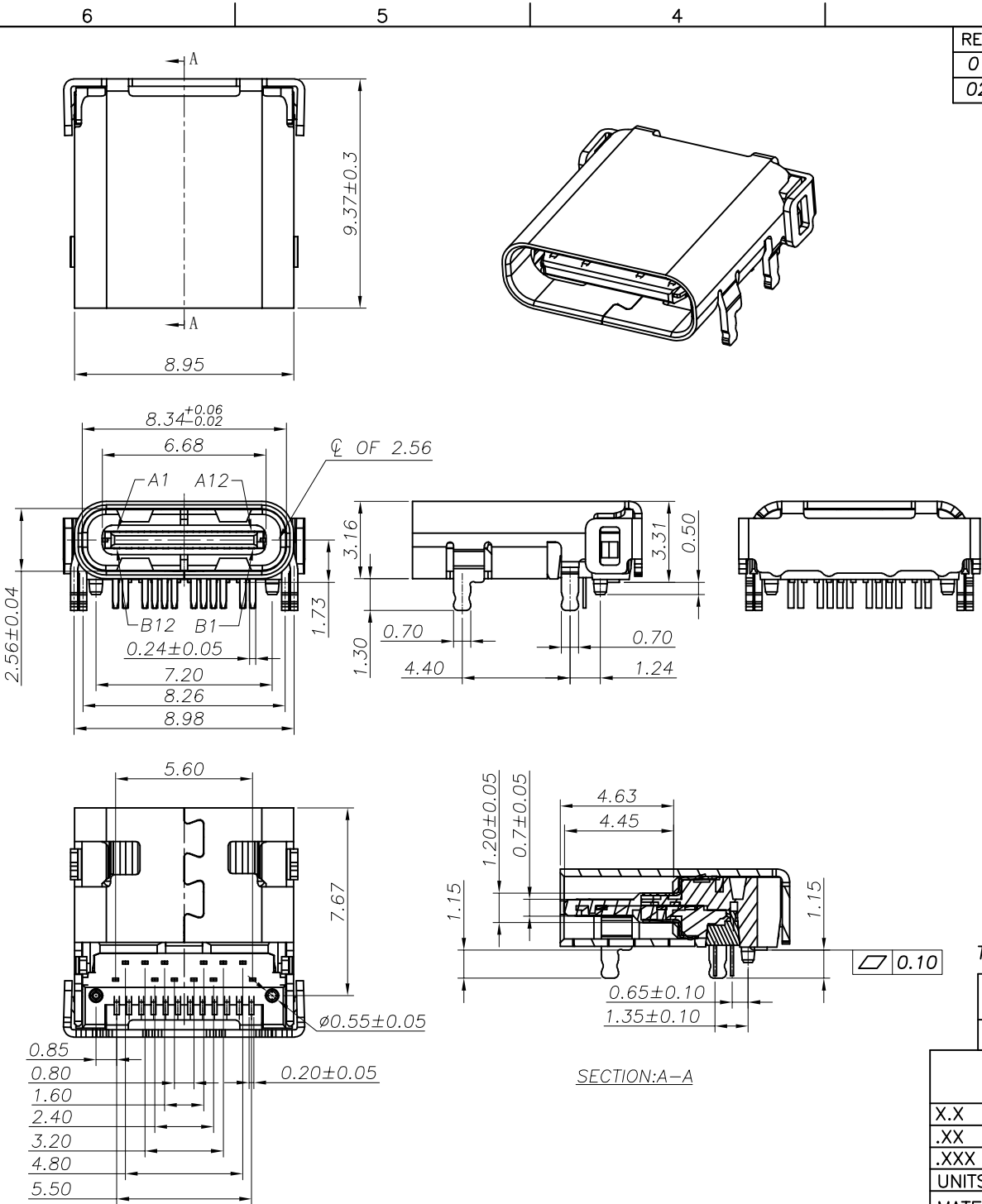




REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
01	ECN NO.	INITIAL RELEASED	2021.04.20	PJF
02	ECN NO.	UPDATE THE DRAWING	2021.08.20	PJF

NOTE:

1.MATERIAL SPECIFICATION:

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

2.CONTACTS:COPPER ALLOY

3.MID PLATE: STAINLESS STEEL

4.FRONT SHELL: STAINLESS STEEL

5.EMI PLATE: STAINLESS STEEL

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:

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. CURRENT RATING:5.0A

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:

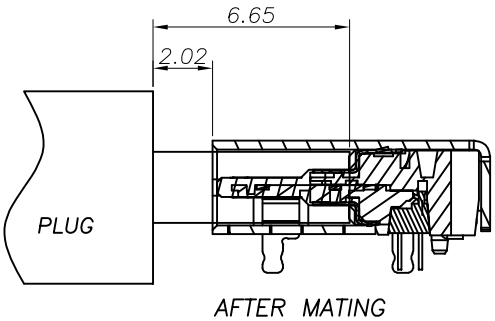
THE PEAK TEMPERATURE ON THE BOARD SHALL

BE MAINTAINED FOR 10 SECONDS AT 260°C.

TABLE 1

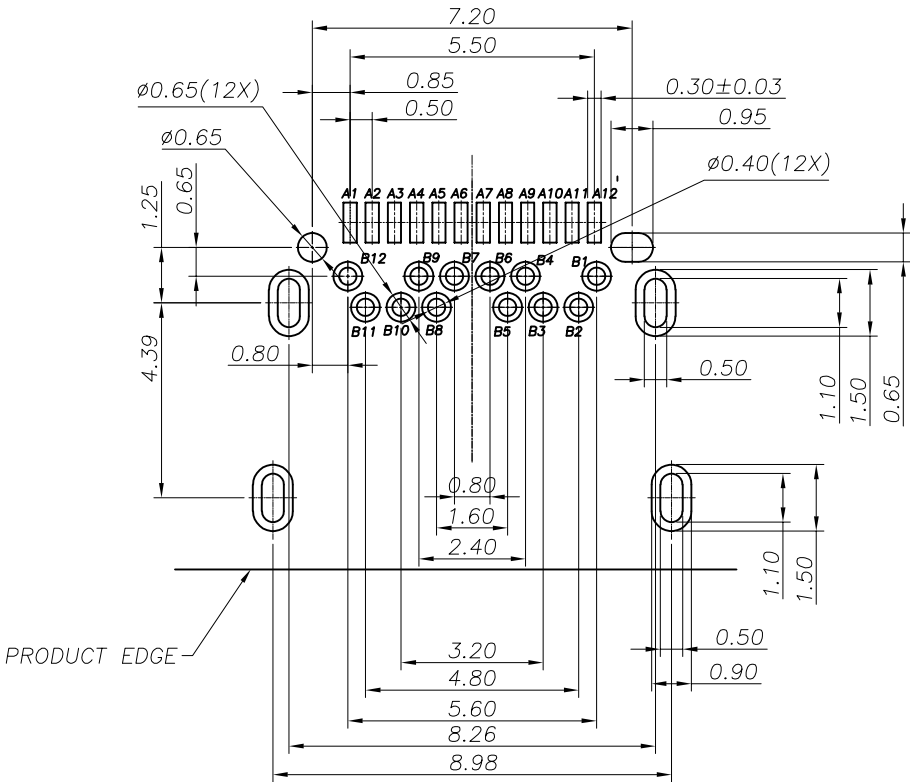
ITEM	P/N	HOUSING COLOR	CONTACTS	
			FUNCTIONAL AREA	SOLDER AREA
1	ACF005-4E1H1A130-0HR	BLACK	Au:30u"	Au:G/F
TOLERANCE			NAME(INTENDED USE) CUSTOMER DRAWING	
X.X ±0.30			PART NO.	
.XX ±0.20			SEE TABLE 1	
.XXX ±0.10			DESIGN: PJF	
UNITS mm			DRAWG NO.	
MATERILA ----			XB-ACF005-4R	
FINISH ----			APPD:	
			SCALE	SHEET
			1:1	1/3
			REV.	02

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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



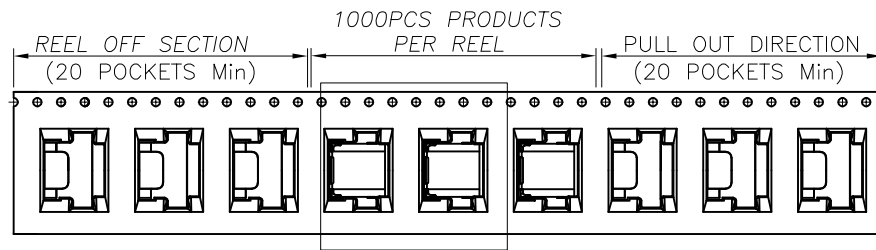
SCALE 1.5:1

RECOMMENDED PCB LAYOUT(TOP VIEW)

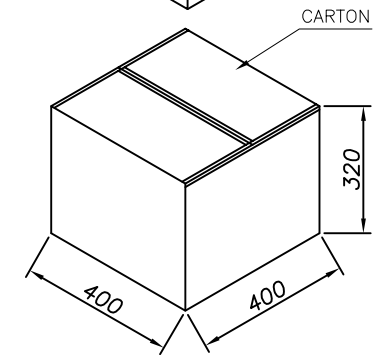
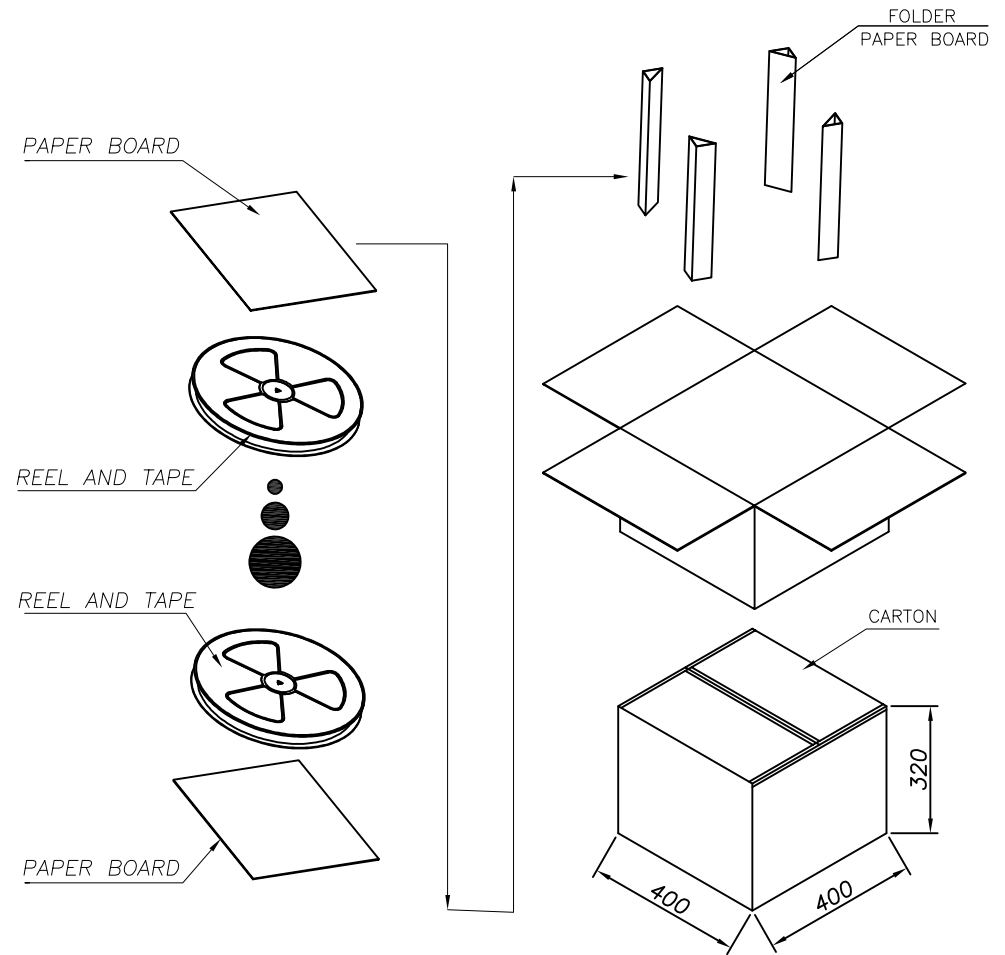
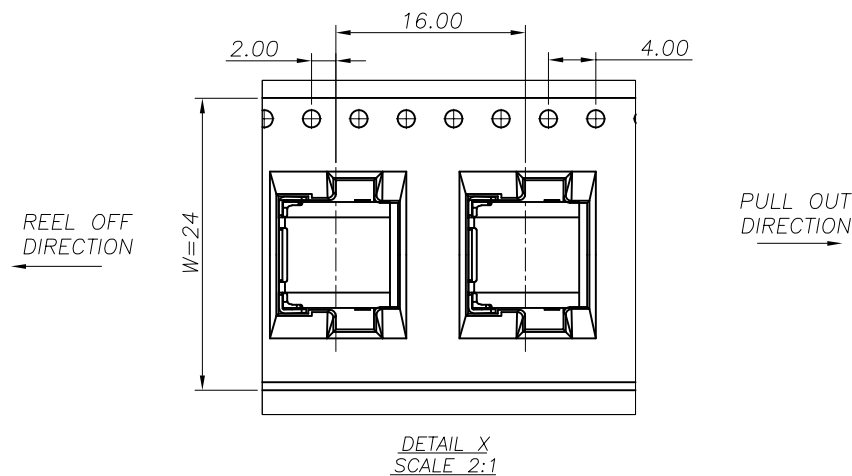
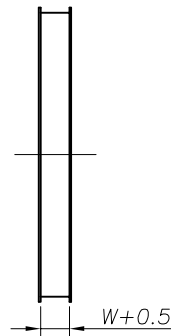
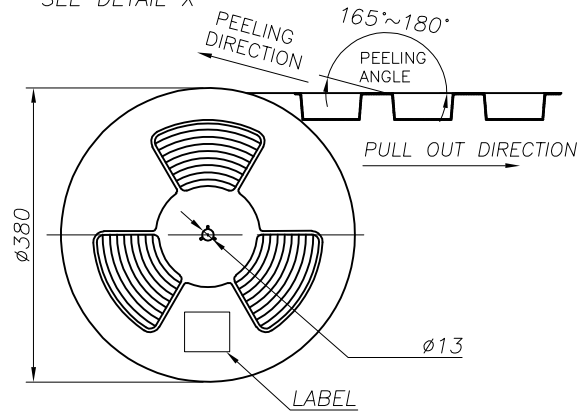
THICKNESS 0.8 MM;DEFAULT TOLERANCE:±0.05

TOLERANCE		NAME(INTENDED USE) CUSTOMER DRAWING	XIB 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 24PIN (TAIL=1.30) DIP+SMT TYPE(L=9.37)		
.XX ±0.20	.X* ± 8°	SEE TABLE 1			
.XXX ±0.10	.XX* ± 5°	DESIGN: PJF	DRAWG NO.		
UNITS	mm		XB-ACF005-4R		
MATERILA	----	CHED:		SCALE	SHEET
FINISH	----	APPD:		1:1	2/3
					REV. 02

REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
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SEE DETAIL X



	REEL/TRAY	CARTON
CONNECTOR (PCS)	1000	10000

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.* $\pm 10^{\circ}$	
.XX	± 0.20	.X* $\pm 8^{\circ}$	
.XXX	± 0.10	.XX* $\pm 5^{\circ}$	
UNITS	mm	DESIGN: PJF	DRAWG NO.
MATERILA	----	CHEDED:	 SCALE SHEET REV. 1:1 3/3 02
FINISH	----	APPD:	

TITLE: USB CF 24PIN (TAIL=1.30)
DIP+SMT TYPE(L=9.37)

XB-ACF005-4R