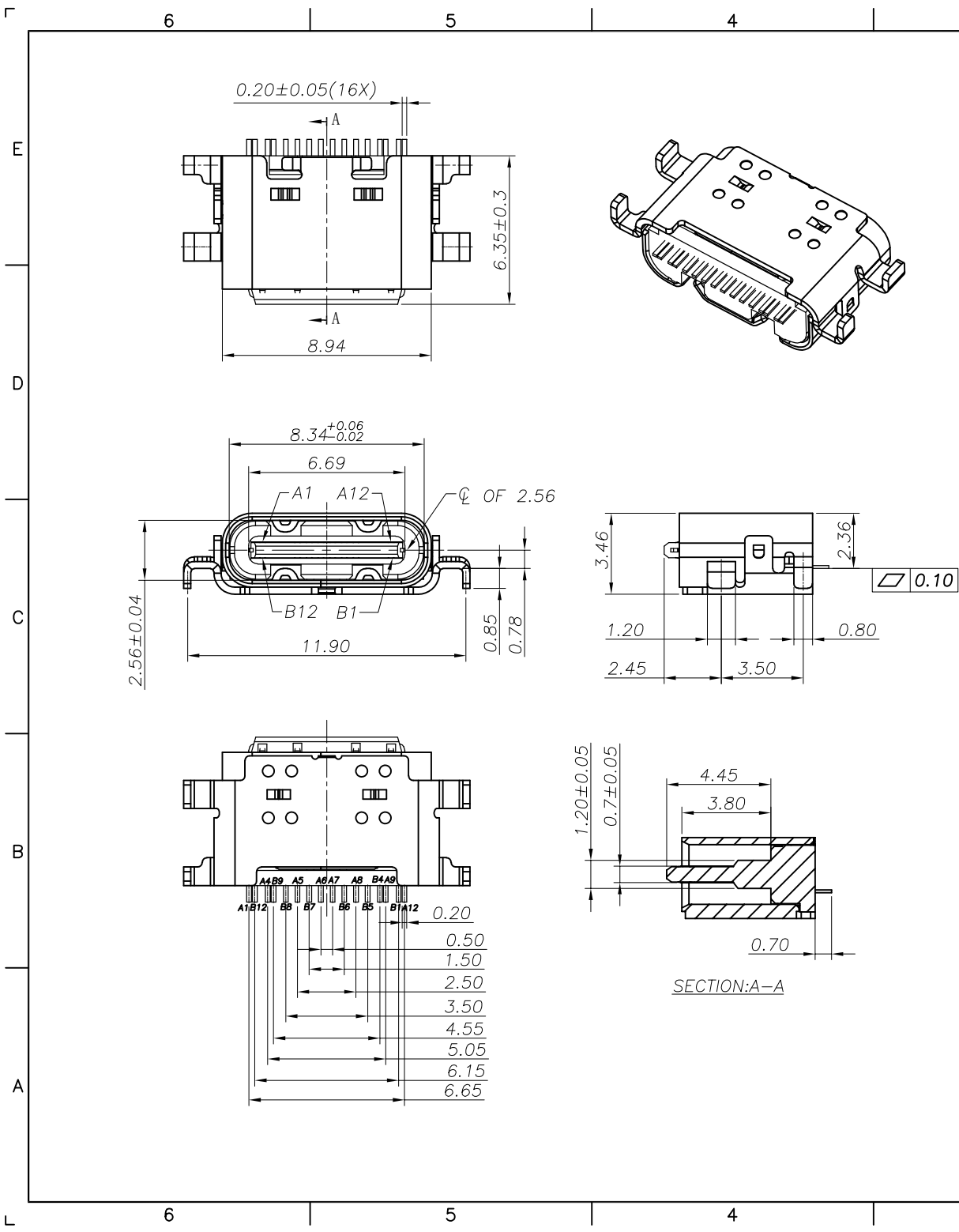




REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
B	---	UPDATE THE DRAWING	2019.05.24	Hank Pei
C	---	UPDATE THE DRAWING	2020.08.10	SYJ

NOTE:

1.MATERIAL SPECIFICATION:
1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
2.CONTACTS:COPPER ALLOY(C1814)
3.MID PLATE: STAINLESS STEEL(SUS301)
4.FRONT SHELL: STAINLESS STEEL(SUS304)
5.COVER: 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 & COVER:
Ni 30u" MIN. UNDER PLATED OVER ALL.
2-3.MID PLATE:
CLEAR ONLY

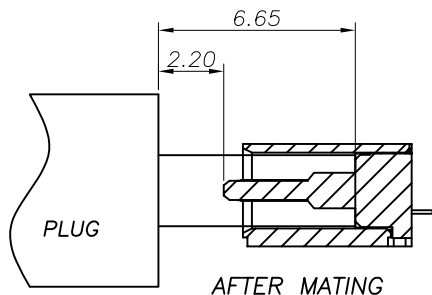
3.MECHANICAL PERFORMANCE,
3-1.INSERTION FORCE: 0.5~2.0kgf.
3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.
3-3.DURABILITY: 10000 CYCLES.

4.ELECTRICAL PERFORMANCE,
4-1. CURRENT RATING: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
BE MAINTAINED FOR 10 SECONDS AT 260°C.

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 16PIN (L=6.35) MID MOUNT 0.8 WITH COVER		
.XX ±0.20	.X* ± 8°	SEE P/N			
.XXX ±0.10	.XX* ± 5°	DESIGN: SYJ	DRAWG NO. XB-ACF011-1R		
UNITS	mm	CHED:			
MATERILA	----	APPD:			
FINISH	-----				
				SCALE 1:1	SHEET 1/3
			REV. C		



USB TYPE-C PIN ASSIGNMENTS

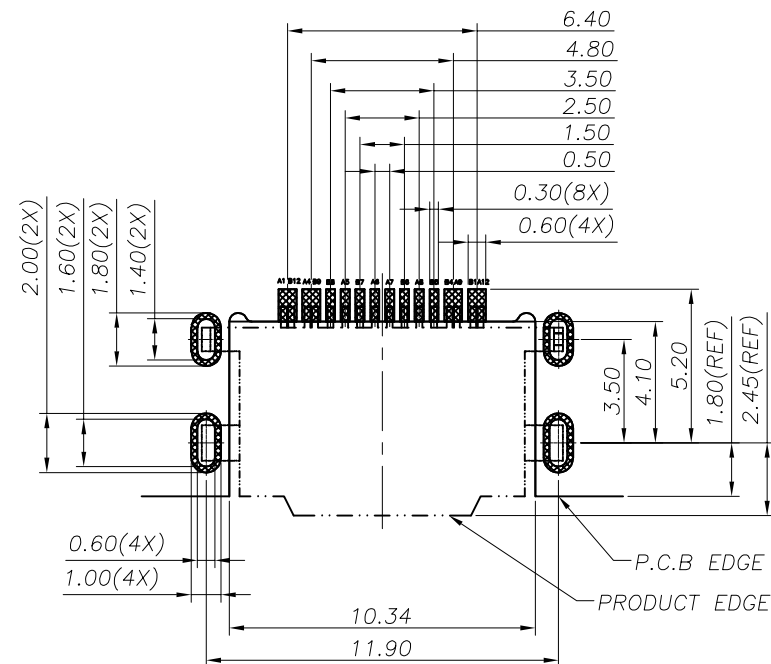
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

ORDER INFORMATION

P/N: ACF011-1XXHXAXXX-0HR

HOUSING MATERIAL	CONTACT FUNCTIONAL AREA PLATED
A: LCP	01: Au 1u"
E: PA9T	03: Au 3u"
	15: Au 15u"
	30: Au 30u"
HOUSING COLOR	CONTACT SOLDER AREA PLATED
1: BLACK	1: Au 1u"
2: WHITE	
SHELL MATERIAL	CONTACT MATERIAL
H: SUS304	A: C1814
	K: C7025
SHELL PLATING	
1: Ni	

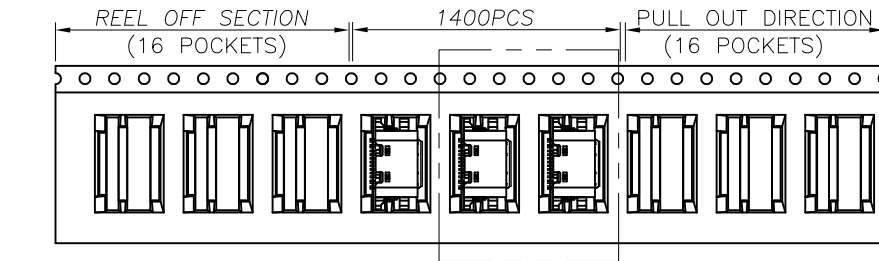
REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
B	---	UPDATE THE DRAWING	2019.05.24	Hank Pei
C	---	UPDATE THE DRAWING	2020.08.10	SYJ



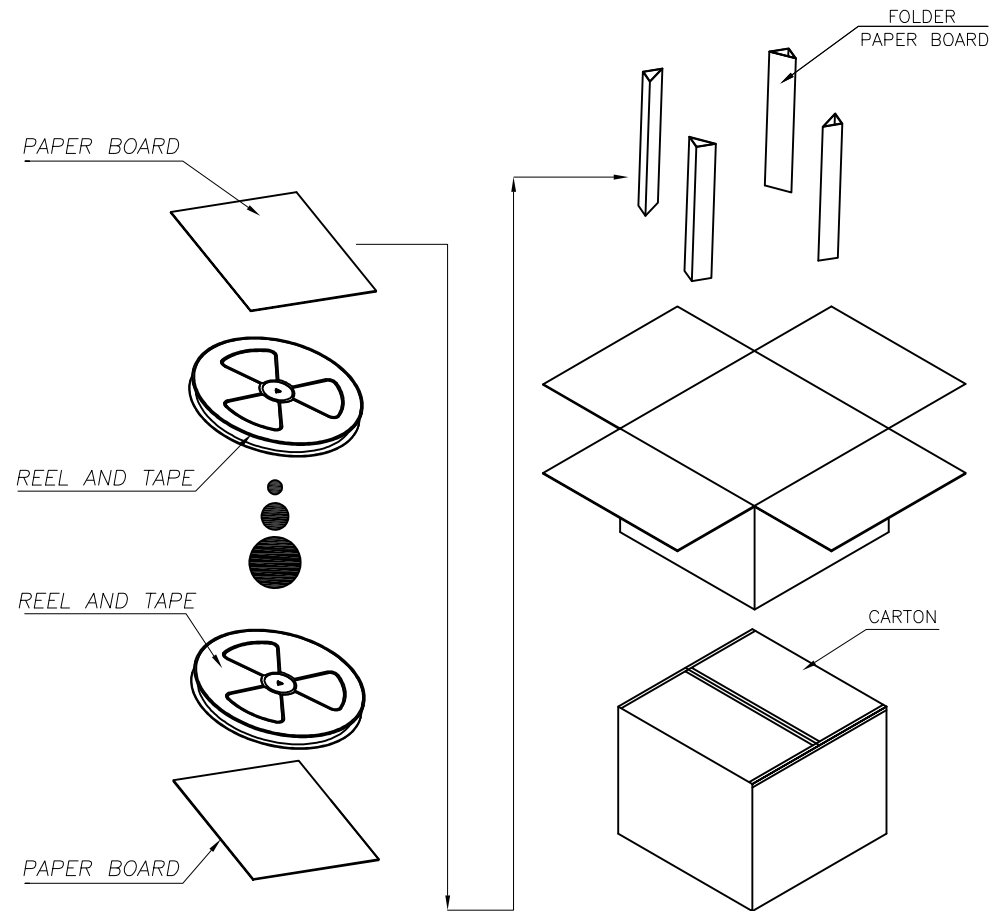
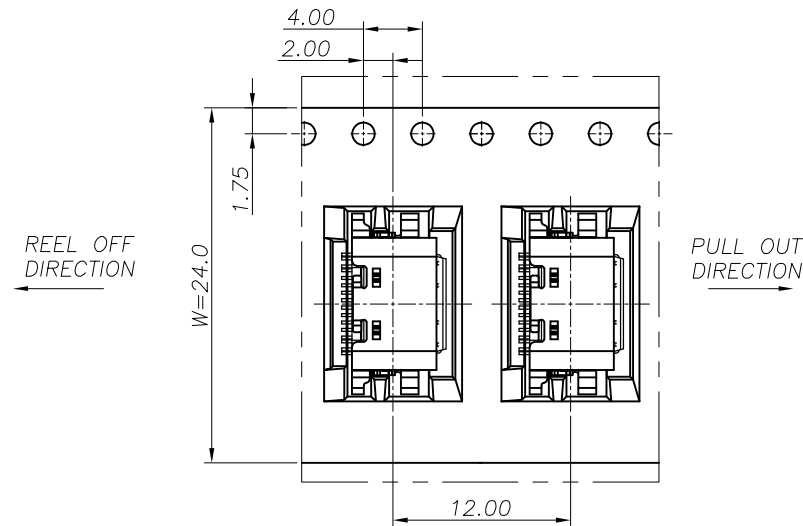
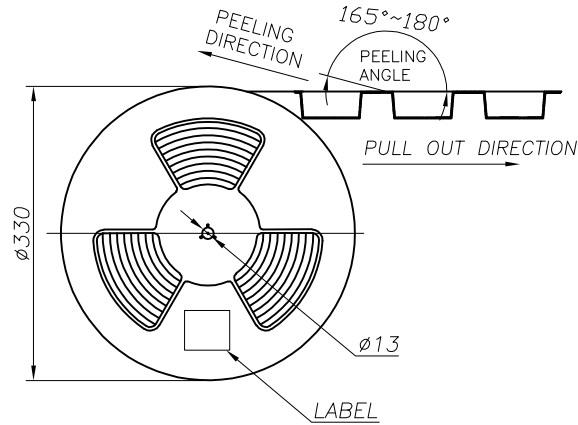
RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.80MM;DEFAULT TOLERANCE:±0.05

TOLERANCE		NAME(INTENDED USE) CUSTOMER DRAWING	XBB 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 16PIN (L=6.35) MID MOUNT 0.8 WITH COVER
.XX	±0.20	.X*	± 8°	SEE P/N	
.XXX	±0.10	.XX*	± 5°	DESIGN: SYJ	DRAWG NO.
UNITS	mm				XB-ACF011-1R
MATERIAL	----	CHED:			
FINISH	-----	APPD:			
				SCALE	SHEET
				1:1	2/3
				REV.	C

REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
B	---	UPDATE THE DRAWING	2019.05.24	Hank Pei
C	---	UPDATE THE DRAWING	2020.08.10	SYJ

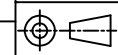


SEE DETAIL X



	REEL	CARTON
CONNECTOR (PCS)	1400	9800

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 16PIN (L=6.35) MID MOUNT 0.8 WITH COVER
.XX	±0.20	.X*	± 8°	SEE P/N	
.XXX	±0.10	.XX*	± 5°	DESIGN: SYJ	DRAWG NO.
UNITS	mm				XB-ACF011-1R
MATERILA	----	CHED:			
FINISH	----	APPD:			



SCALE	SHEET	REV.
1:1	3/3	C