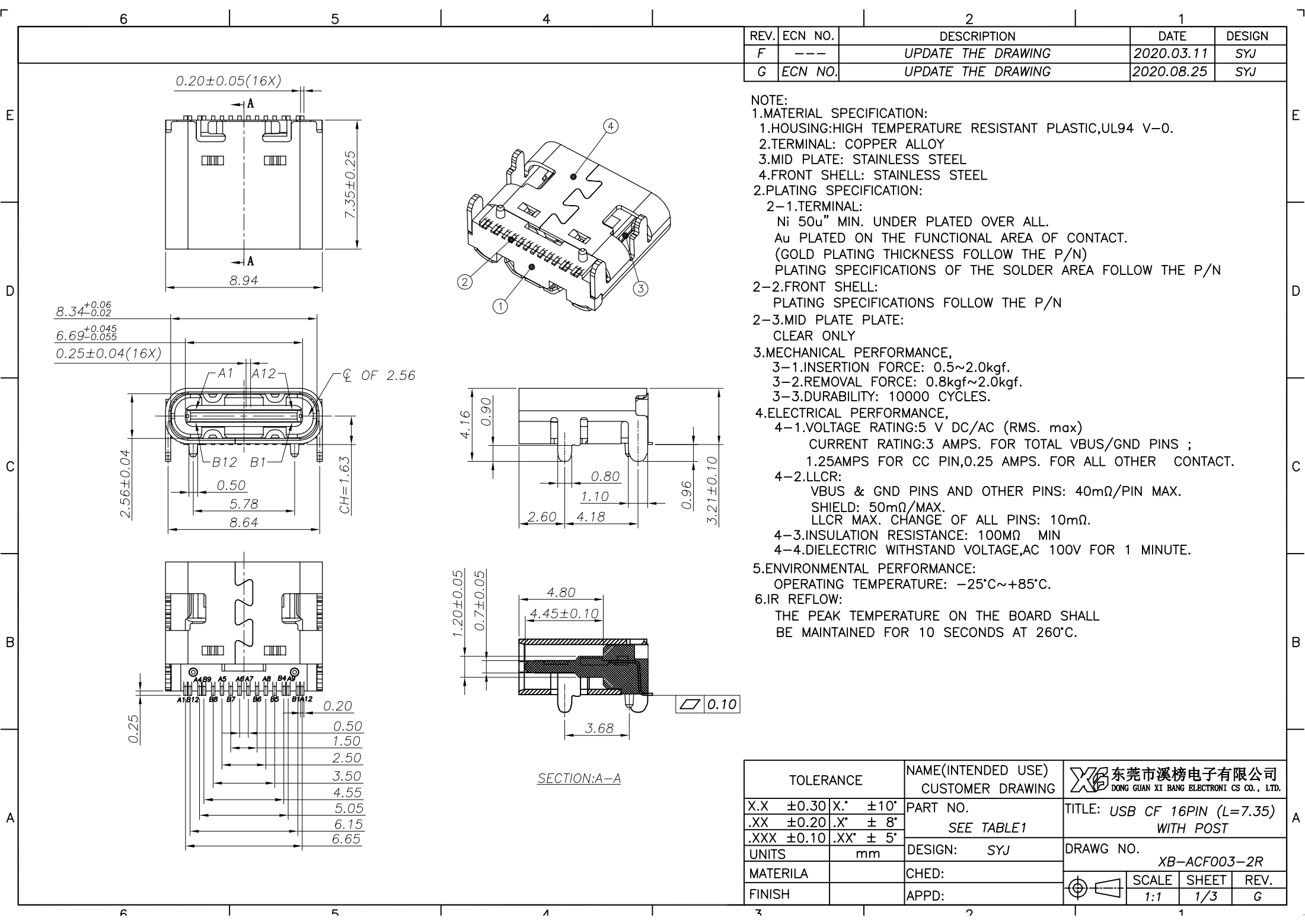




REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
F	---	UPDATE THE DRAWING	2020.03.11	SYJ
G	ECN NO.	UPDATE THE DRAWING	2020.08.25	SYJ

NOTE:

1.MATERIAL SPECIFICATION:

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

2.TERMINAL: COPPER ALLOY

3.MID PLATE: STAINLESS STEEL

4.FRONT SHELL: STAINLESS STEEL

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 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:3 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.

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.

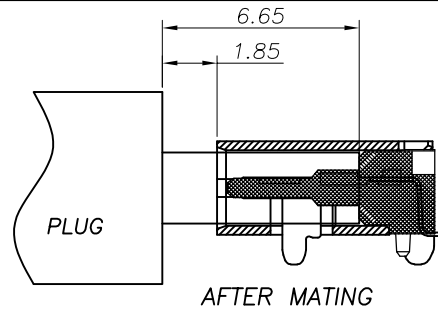
6.IR REFLOW:

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 ELECTRONI CS CO., LTD.			
X.X ±0.30	X.* ±10*	PART NO.		TITLE: USB CF 16PIN (L=7.35) WITH POST			
.XX ±0.20	.X* ± 8*	SEE TABLE1					
.XXX ±0.10	.XX* ± 5*	DESIGN: SYJ		DRAWG NO. XB-ACF003-2R			
UNITS	mm						
MATERILA		CHED:		 SCALE SHEET REV.			
FINISH		APPD:					
				1:1 1/3 G			

REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
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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: ACF003-2XXH1X1XX-0HR

HOUSING MATERIAL-

E: PA9T

HOUSING COLOR

1: BLACK

2: WHITE

SHELL MATERIAL-

S: SUS201

SHELL PLATING

1: Ni

CONTACT FUNCTIONAL AREA PLATED

01: Au 1u"

03: Au 3u''

15: Au 15u"

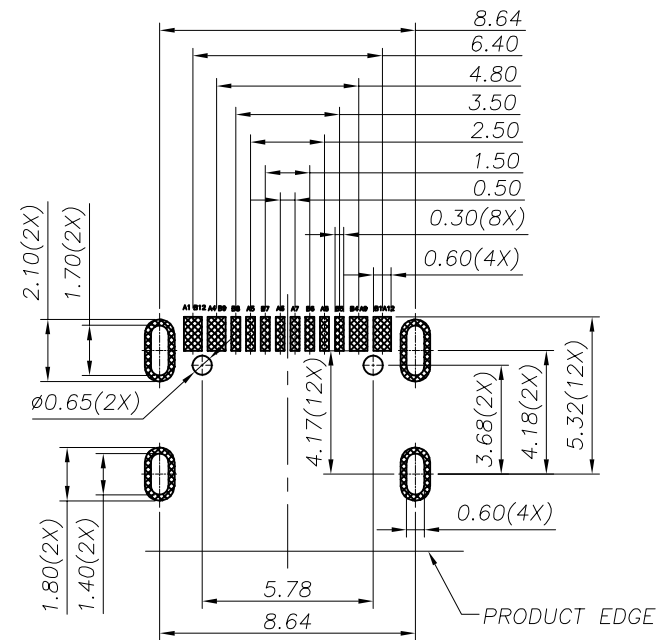
30: Au 30u"

CONTACT SOLDER AREA PLATED

1: Au 1u"

CONTACT METRIAL

E: C2680

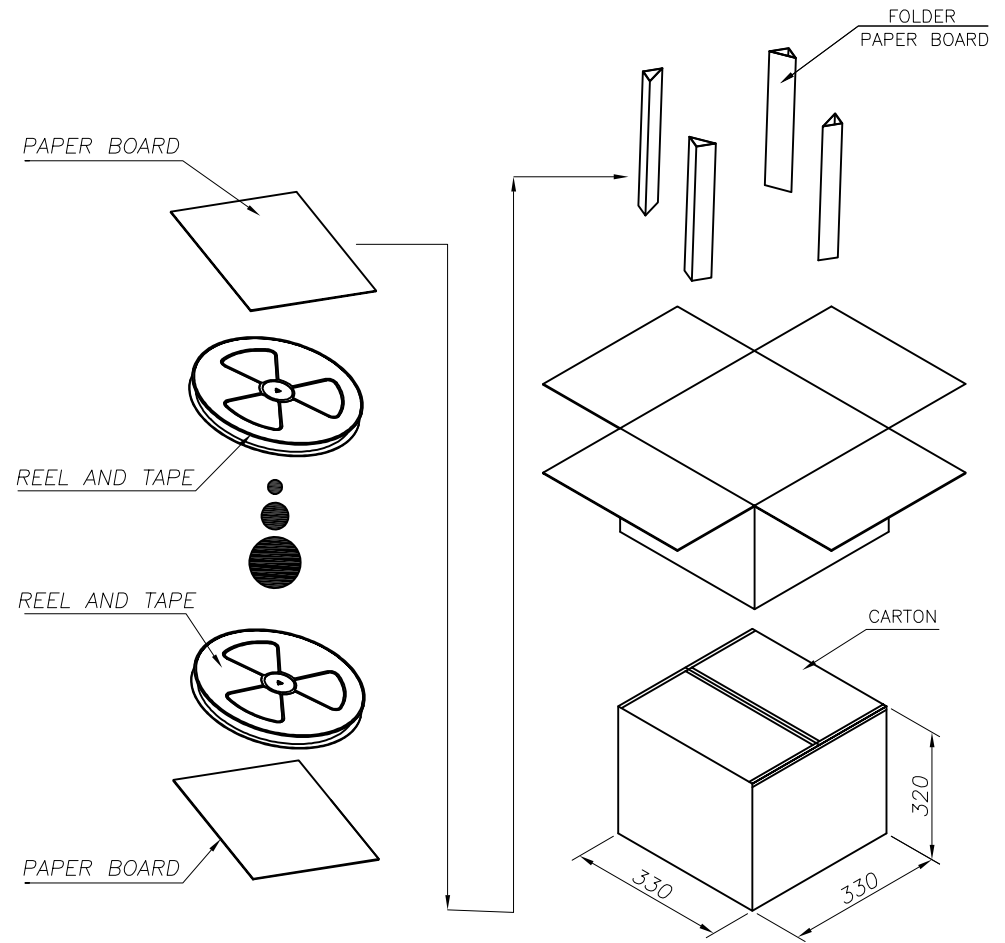
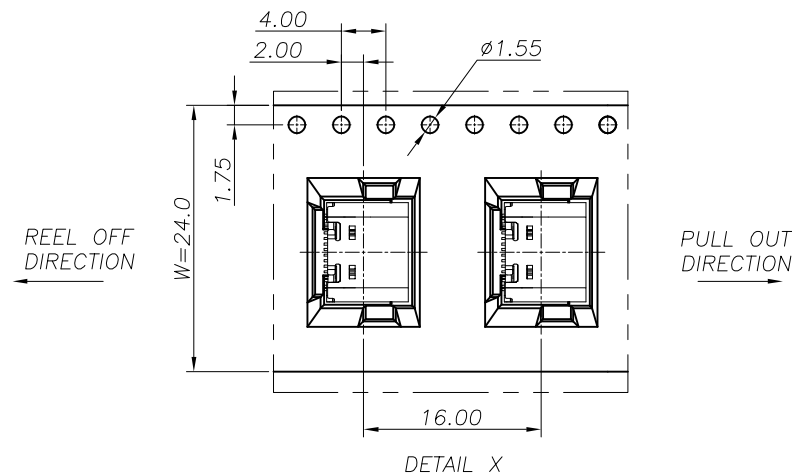
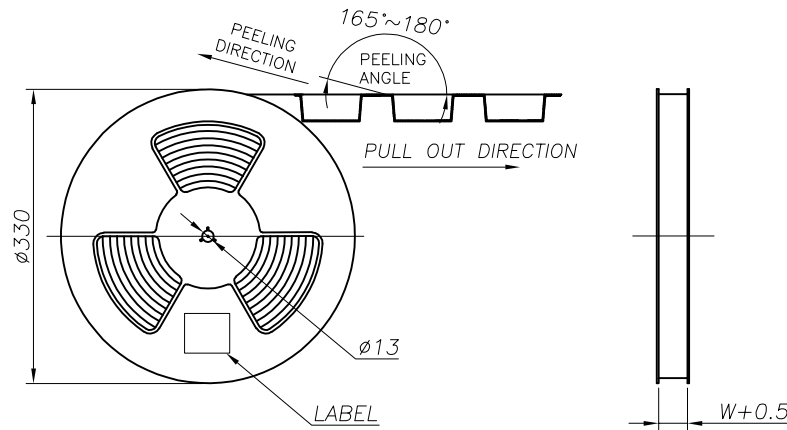
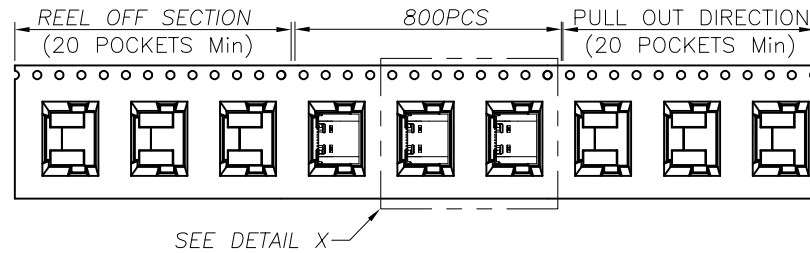


RECOMMENDED PCB LAYOUT(TOP VIEW)

THICKNESS 0.80MM;DEFAULT TOLERANCE:±0.05

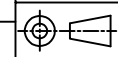
TOLERANCE		NAME(INTENDED USE) CUSTOMER DRAWING	 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONI CS CO., LTD.									
X.X ±0.30	X.* ±10°	PART NO.	TITLE: USB CF 16PIN (L=7.35) WITH POST									
.XX ±0.20	.X* ± 8°	SEE TABLE1										
.XXX ±0.10	.XX* ± 5°											
UNITS	mm	DESIGN: SYJ	DRAWG NO. XB-ACF003-2R									
MATERILA		CHED:	 <table><tr><td>SCALE</td><td>SHEET</td><td>REV.</td></tr><tr><td>1:1</td><td>2/3</td><td>G</td></tr></table>				SCALE	SHEET	REV.	1:1	2/3	G
SCALE	SHEET	REV.										
1:1	2/3	G										
FINISH		APPD:										

REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
F	---	UPDATE THE DRAWING	2020.03.11	SYJ
G	ECN NO.	UPDATE THE DRAWING	2020.08.25	SYJ



	REEL	CARTON
CONNECTOR (PCS)	800	8000

TOLERANCE		NAME(INTENDED USE) CUSTOMER DRAWING	东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONI CS CO., LTD.		
X.X ±0.30	X.* ±10*	PART NO.	TITLE: USB CF 16PIN (L=7.35) WITH POST		
.XX ±0.20	.X* ± 8*	SEE TABLE1			
.XXX ±0.10	.XX* ± 5*	DESIGN: SYJ	DRAWG NO. XB-ACF003-2R		
UNITS	mm	CHED:			
MATERILA		APPD:			
FINISH					



SCALE	SHEET	REV.
1:1	3/3	G