

REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
C	---	UPDATE THE DRAWING	2020.01.13	SYJ
D	---	ADD TID NO.	2020.08.18	SYJ

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

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:

- Ni 30u" MIN. UNDER PLATED OVER ALL.

2-3.SHIELD 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:

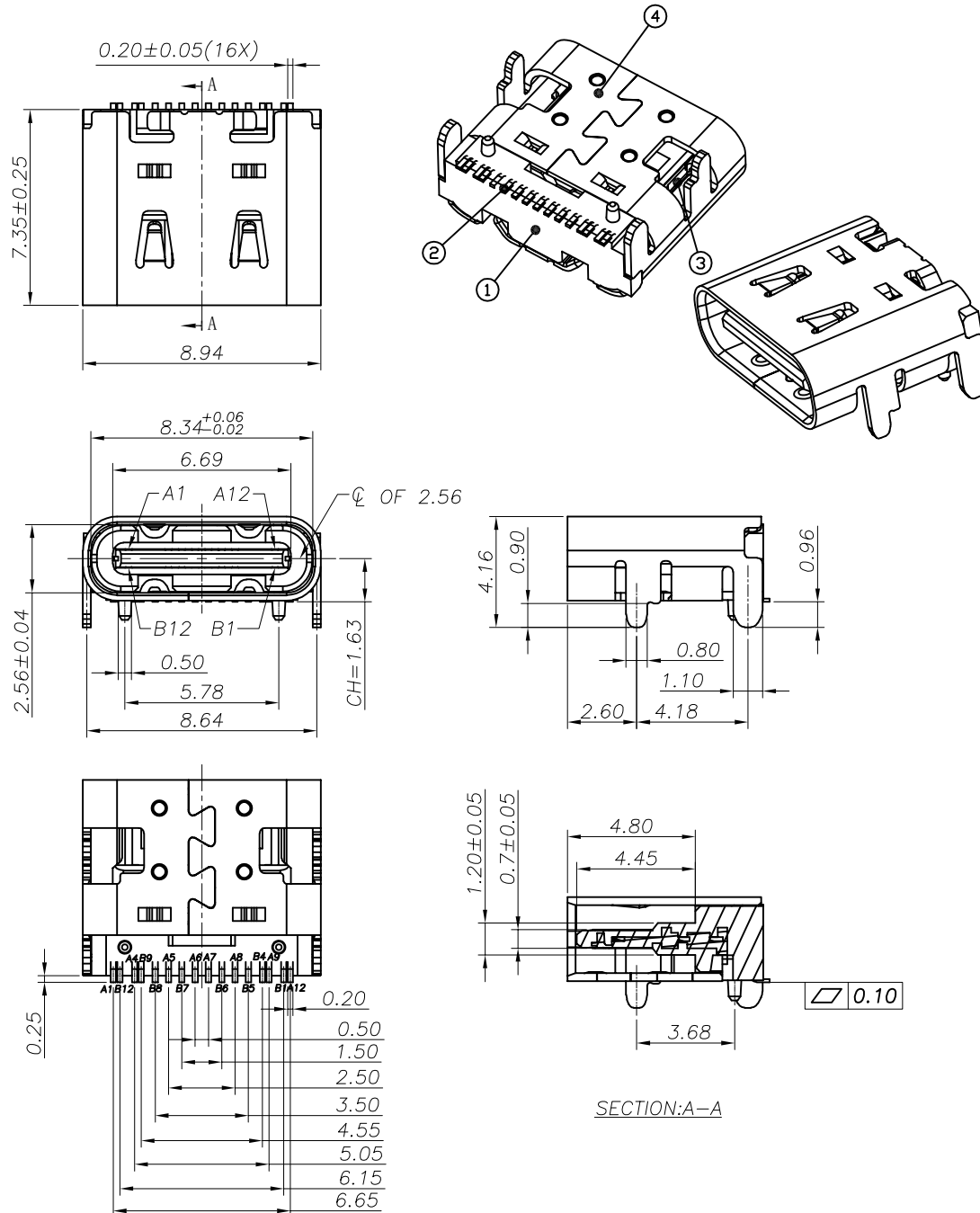
- OPERATING TEMPERATURE: -25°C~+85°C.

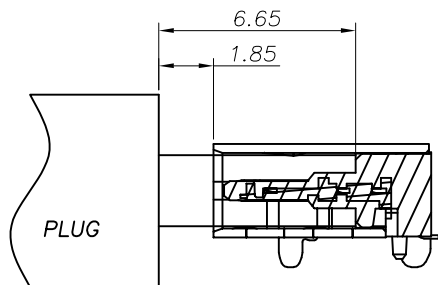
6.IR REFLOW:

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

7.TID NO. :2681

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.			
UNITS	mm		XB-ACF003-3R			
MATERILA	----	CHED:				
FINISH	----	APPD:				
				SCALE 1:1	SHEET 1/3	REV. D





AFTER MATING

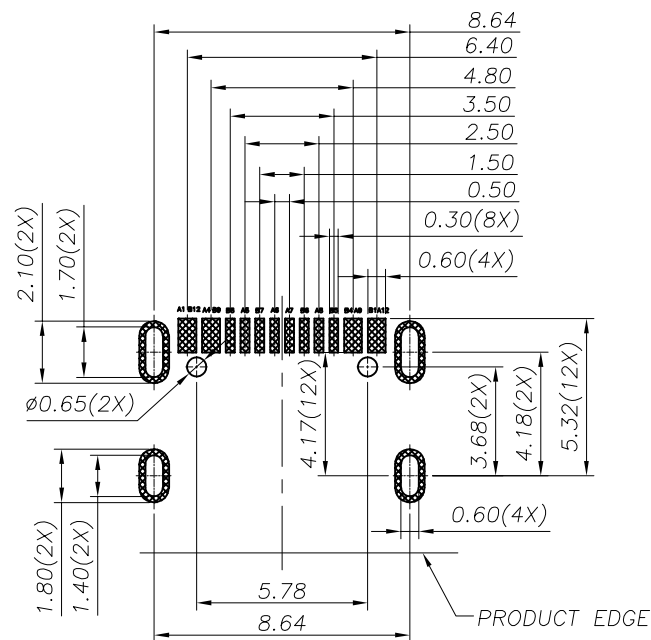
USB TYPE-C PIN ASSIGNMENTS

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: ACF003-3XXH1X1XX-0HR	
HOUSING MATERIAL	
A: LCP	
E: PA9T	
HOUSING COLOR	
1: BLACK	
2: WHITE	
5: NATURE	
SHELL MATERIAL	
H: SUS304	
N: SK7	
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	
A: C1814	

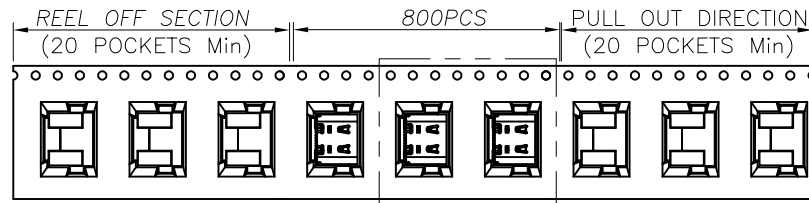
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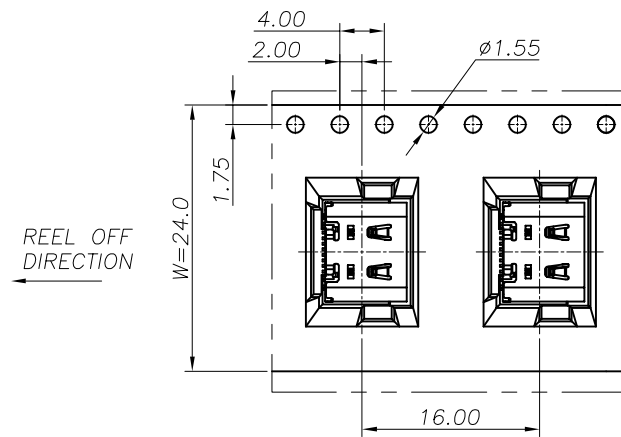
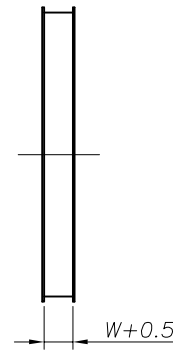
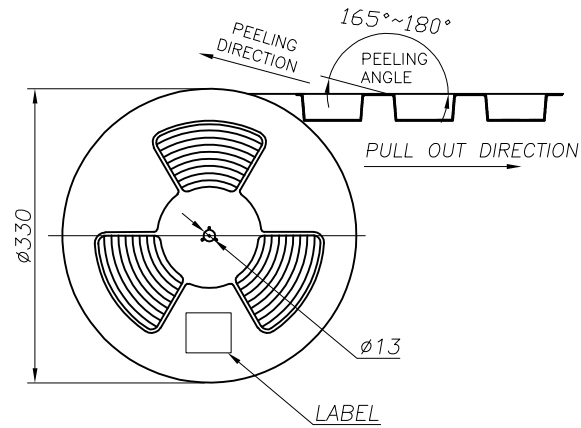
RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.80MM;DEFAULT TOLERANCE:±0.05

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UNITS	mm	CHED:			
MATERILA	----	APPD:			
FINISH	-----				
			SCALE	SHEET	REV.
			1:1	2/3	D

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SEE DETAIL X



DETAIL X

PAPER BOARD

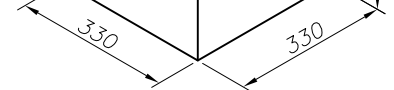
REEL AND TAPE

REEL AND TAPE

PAPER BOARD

FOLDER
PAPER BOARD

CARTON



	REEL	CARTON
CONNECTOR (PCS)	800	8000

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UNITS	mm	CHED:		SCALE	SHEET
MATERILA	----	APPD:		1:1	3/3
FINISH	-----				REV. D