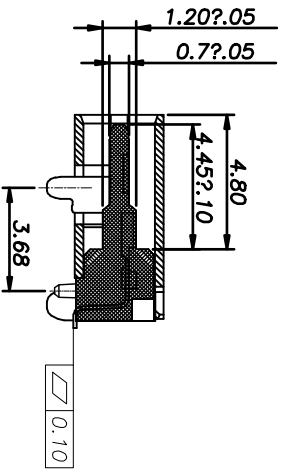
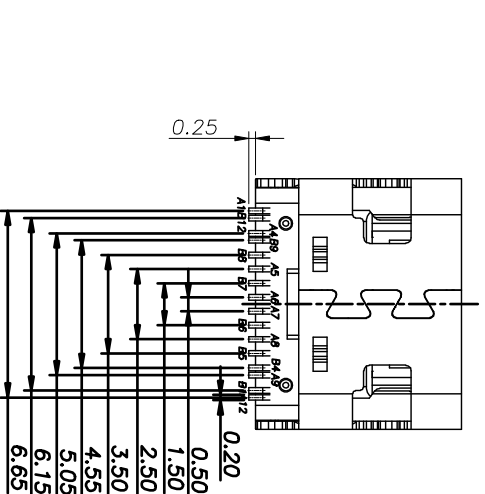
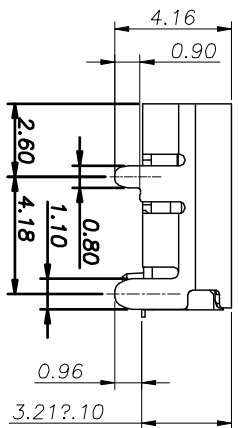
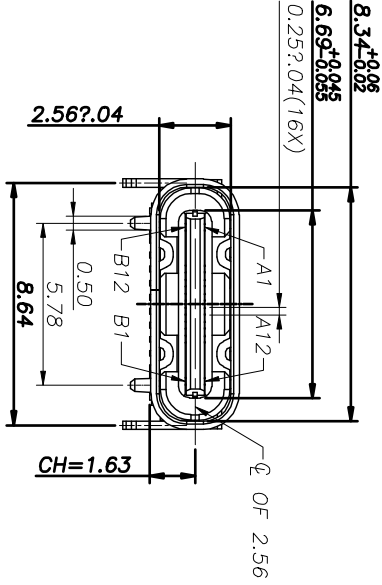
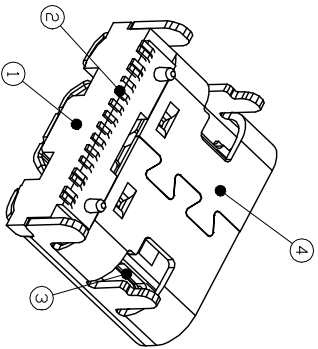
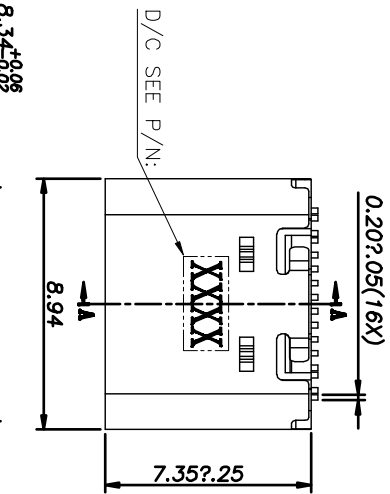


申明：凡是没有产品料号或有“PRELIMINARY”标识的产品图均为临时页面不能生产/DECLARATION: ALL PRODUCT DRAWINGS WITHOUT THE PART NUMBER OR WITH “PRELIMINARY” LABEL ARE TEMPORARY DRAWINGS CAN NOT BE PRODUCED

REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
A	ECN NO.	INITIAL RELEASED	2019.11.28	SYJ
B	ECN NO.	UPDATE THE DRAWING	2020.03.05	SYJ



SECTION:A-A

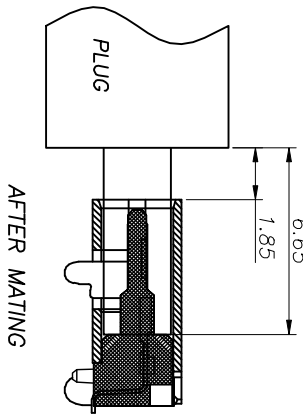
- NOTE:
 1.MATERIAL SPECIFICATION:
 1.HOUSING:LCP UL94 V-0.
 2.TERMINAL: COPPER ALLOY(C1814)
 3.MID PLATE: STAINLESS STEEL(SUS301)
 4.FRONT SHELL: STAINLESS STEEL(SUS304)
 2.PLATING SPECIFICATION:
 2-1.TERMINAL:
 Ni 50u" MIN. UNDER PLATED OVER ALL.
 Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
 (GOLD 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 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. LCR:
 VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
 SHIELD: 50mΩ/MAX.
 LCR 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°C.
 7.DATE CODE: XX XX
 WEEK
 YEAR

TOLERANCE	NAME(INTENDED USE) CUSTOMER DRAWING	TITLE: USB CF 16PIN (L=7.35) WITH POST
XX ±0.30 X. ±10'	PART NO.	DRAWG NO. GAP-ACF016-1R
XX ±0.20 X. ±8'	SEE TABLE1	
XXX ±0.10 XX. ±5'	DESIGN: SYJ	SCALE SHEET REV.
UNITS mm	CHED:	1:1 1/3 B
MATERILA	APPD:	
FINISH		



申明：凡是没有产品料号或者“PRELIMINARY”标识的产品图均为临时页面不能生产/DECLARATION: ALL PRODUCT DRAWINGS WITHOUT THE PART NUMBER OR WITH “PRELIMINARY” LABEL ARE TEMPORARY DRAWINGS CAN NOT BE PRODUCED

REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
A	ECN NO.	INITIAL RELEASED	2019.11.28	SYJ
B	ECN NO.	UPDATE THE DRAWING	2020.03.05	SYJ



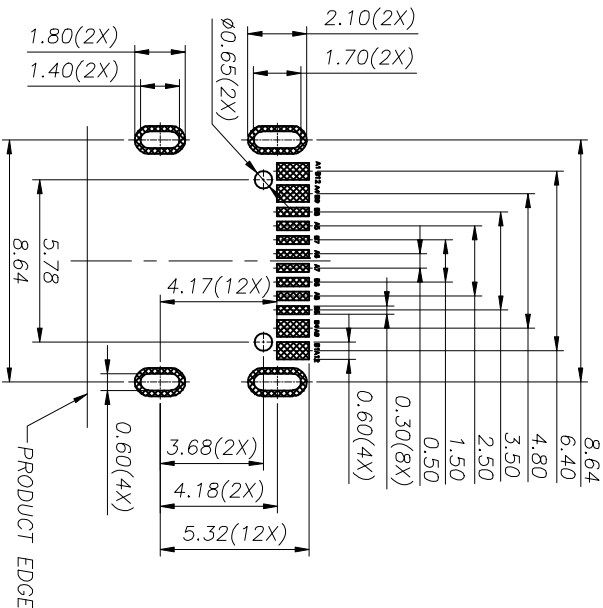
USB TYPE-C PIN ASSIGNMENTS

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: ACF016-1AXH1A1XX-XHR

- HOUSING COLOR
 - 1: BLACK
 - 5: NATURE
- SHELL MATERIAL
 - H: SUS304
 - N: SK7
- SHELL PLATING
 - 1: Ni
- D/C
 - 0: WITHOUT D/C
 - 1: WITH D/C
- 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



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

TOLERANCE	NAME(INTENDED USE)	TITLE
XX ±0.30 X.X ±10°	CUSTOMER DRAWING	USB CF 16PIN (L=7.35)
.XX ±0.20 .X ±8°	PART NO.	WITH POST
.XXX ±0.10 .XX ±5°	SEE TABLE1	
UNITS mm	DESIGN: SYJ	
MATERILA	CHED:	
FINISH	APPD:	

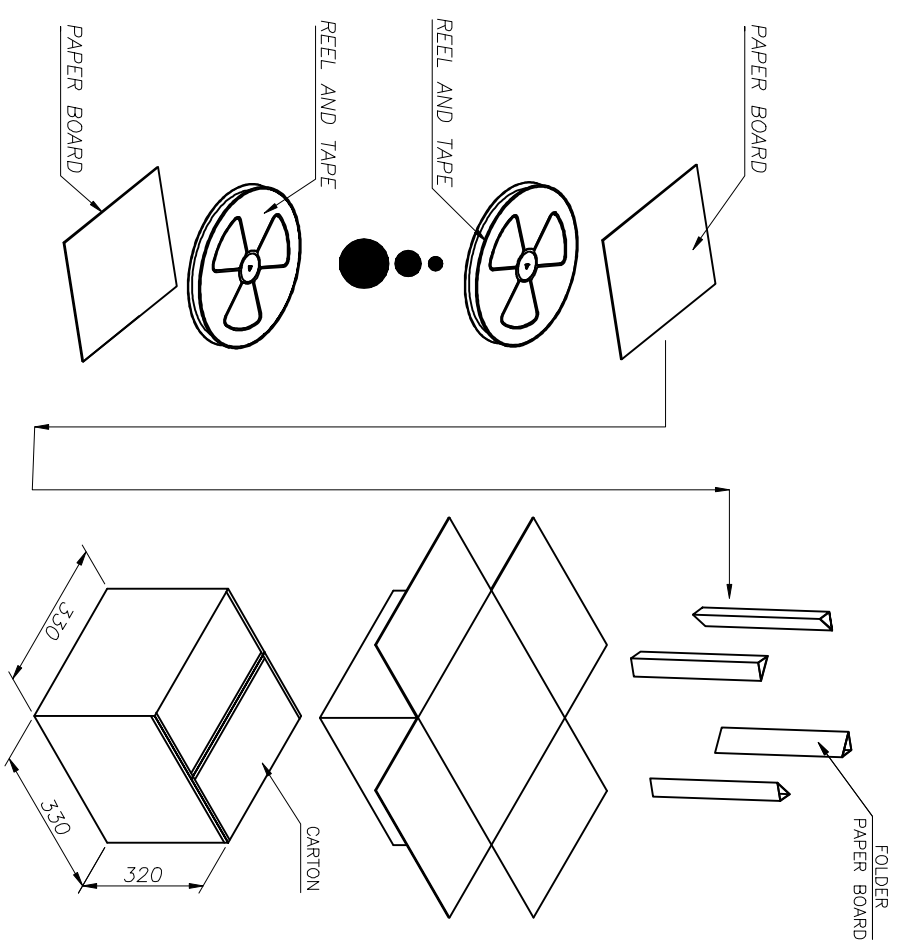
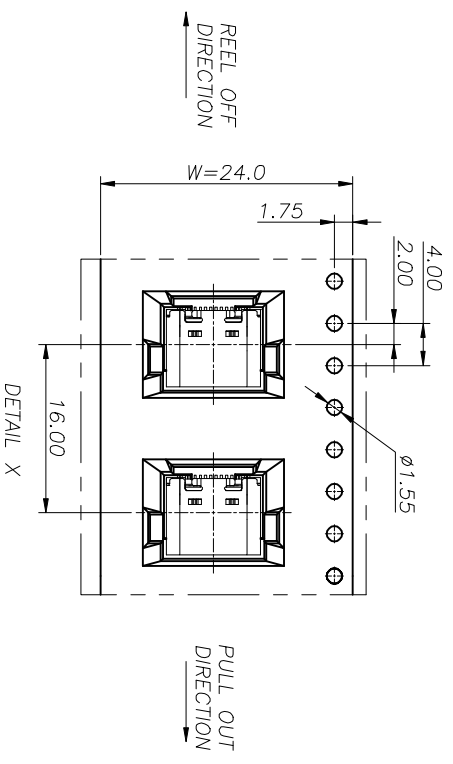
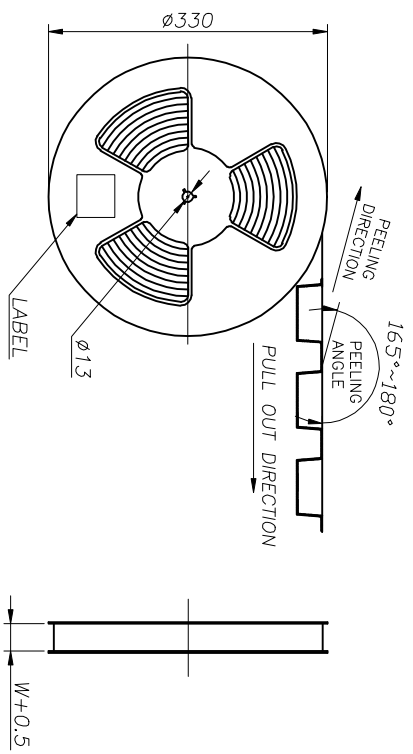
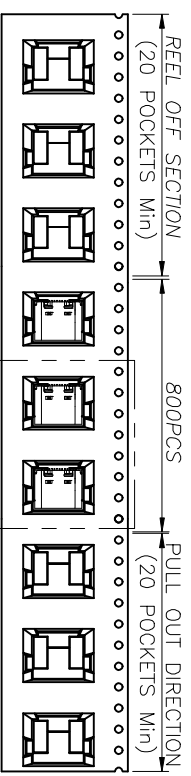


DRAWG NO. GAP-ACF016-1R

SCALE	SHEET	REV.
1:1	2/3	B

申明：凡是没有产品料号或有“PRELIMINARY”标识的产品图均为临时页面不能生产/DECLARATION: ALL PRODUCT DRAWINGS WITHOUT THE PART NUMBER OR WITH “PRELIMINARY” LABEL ARE TEMPORARY DRAWINGS CAN NOT BE PRODUCED

REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
A	ECN NO.	INITIAL RELEASED	2019.11.28	SYJ
B	ECN NO.	UPDATE THE DRAWING	2020.03.05	SYJ



TOLERANCE		NAME (INTENDED USE)	
X.X ±0.30	X.X ±1.0'	CONNECTOR (PCS)	
.XX ±0.20	.X ±.8'	800	REEL
.XXX ±0.10	.XX ±.5'	8000	CARTON
UNITS	mm	TITLE: USB CF 16PIN (L=7.35) WITH POST	
MATERIAL		DRAWG NO. GAP-ACF016-1R	
FINISH		SCALE SHEET REV. 1:1 3/3 B	



6 5 4 3 2 1