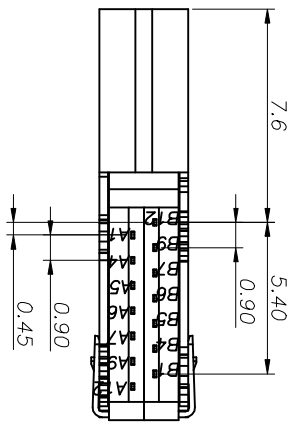
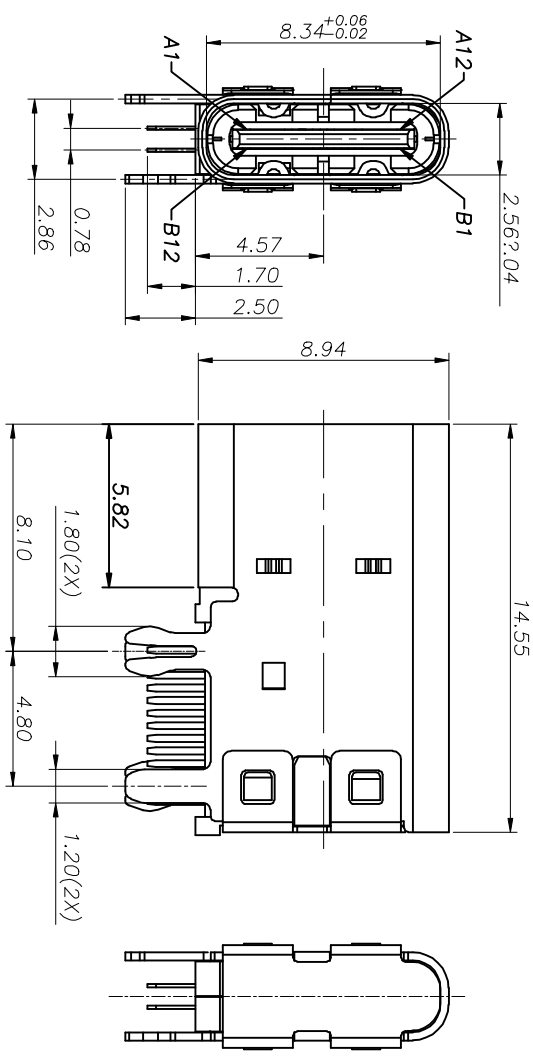
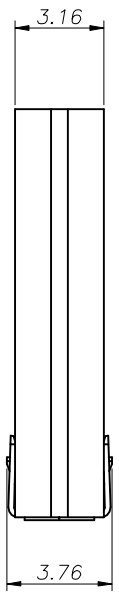


REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
A	ECN NO.	INITIAL RELEASED	2018.09.19	Hank Pei



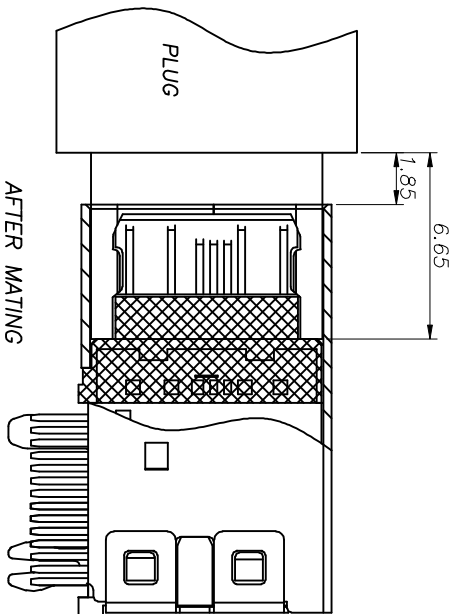
- NOTE:
- 1.MATERIAL SPECIFICATION:
 1.HOUSING:ICP,UL94 V-0.
 2.CONTACTS: COPPER ALLOY(C7025)
 3.MID PLATE: STAINLESS STEEL(SUS301)
 4.FRONT SHELL: STAINLESS STEEL(SUS304)
 5.EMI PLATE: STAINLESS STEEL(SUS304)
- 2.PLATING SPECIFICATION:
 2-1.CONTACTS:
 NI 50u" MIN. UNDER PLATED OVER ALL.
 AU PLATED ON 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:
 NI 30u" MIN. UNDER PLATED OVER ALL.
- 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. 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.

TOLERANCE		NAME(INTENDED USE) CUSTOMER DRAWING		DRAWG NO.	
X.X	±0.30	X'	±10'	USB CF 14PIN	
.XX	±0.20	X'	± 8'	FLAG TYPE	
XXX	±0.10	.XX'	± 5'	GAP-ACF012-1T	
UNITS	mm	DESIGN:	Jiangjianglin	SCALE	1:1
MATERILA		CHED:		SHEET	1/3
FINISH		APPD:		REV.	A



A 6 5 4 3 2 1

REV. ECN NO.	DESCRIPTION	DATE	DESIGN
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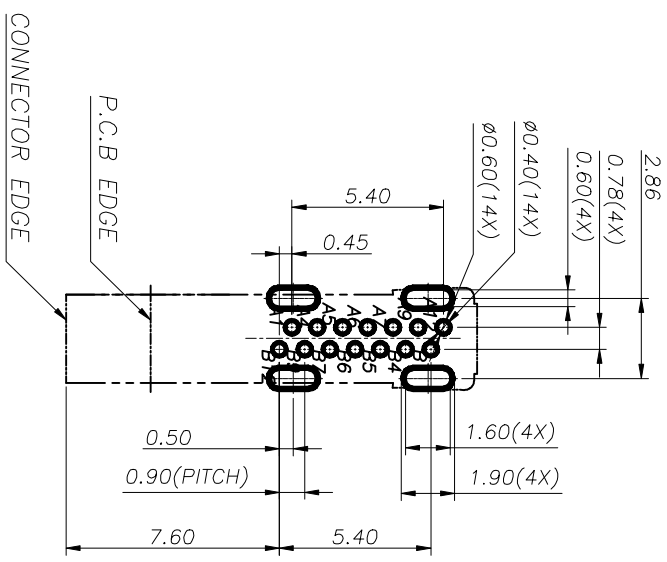


USB TYPE-C PIN ASSIGNMENTS

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

TABLE 1

ITEM	P/N	HOUSING COLOR	FUNCTIONAL AREA	SOLDER AREA
1	ACF012-1A1H1K103-0HT	BLACK	Au:3u"	Au:G/F

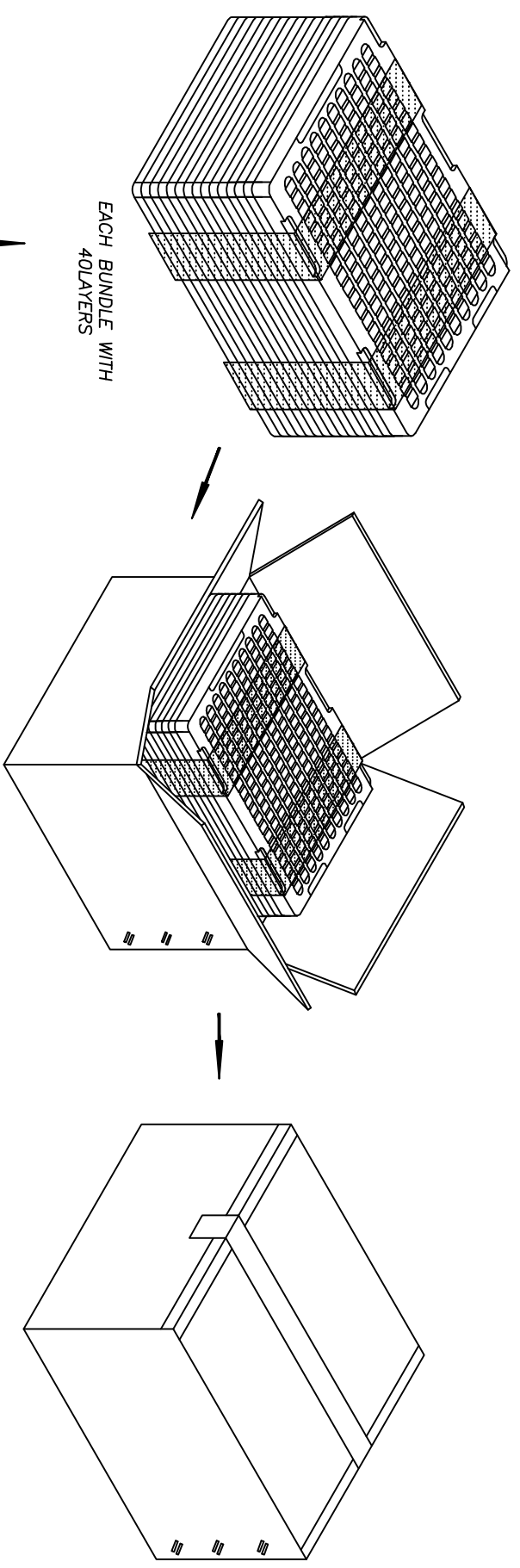


RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 1.62; 10MM; DEFAULT TOLERANCE:±0.05

TOLERANCE	NAME(INTENDED USE) CUSTOMER DRAWING	DRAWG NO.	GAP-ACF012-1T
X.X ±0.30 X' ±10'	PART NO.	TITLE:	USB CF 14PIN FLAG TYPE
.XX ±0.20 X' ±8'	SEE TABLE 1	SCALE	1:1
XXX ±0.10 XX' ±5'	DESIGN: jiangjianglin	SHEET	2/3
UNITS mm	CHED:	REV.	A
MATERILA	APPD:		
FINISH			

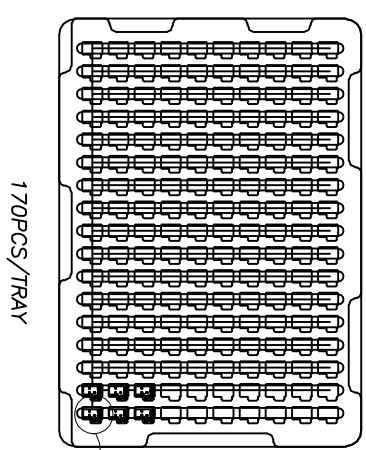


REV. ECN NO.	DESCRIPTION	DATE	DESIGN
A ECN NO.	INITIAL RELEASED	2018.09.19	Hank Pei

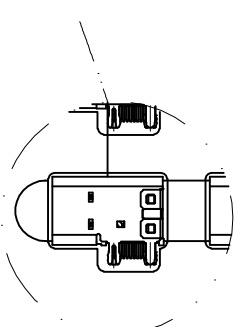


EACH BUNDLE WITH 40LAYERS

EACH CARTON WITH 6800 PCS PRODUCTS



170PCS/TRAY



TOLERANCE		NAME(INTENDED USE) CUSTOMER DRAWING	
X.X ±0.30	X.' ±10'	CONNECTOR (PCS)	TRAY
.XX ±0.20	.X' ± 8'	170	CARTON
XXX ±0.10	.XX' ± 5'		6800
UNITS	mm	TITLE: USB CF 14PIN FLAG TYPE	
MATERILA		DRAWG NO. GAP-ACF012-1T	
FINISH		SCALE SHEET REV.	
		1:1 3/3 A	

Goldconn

