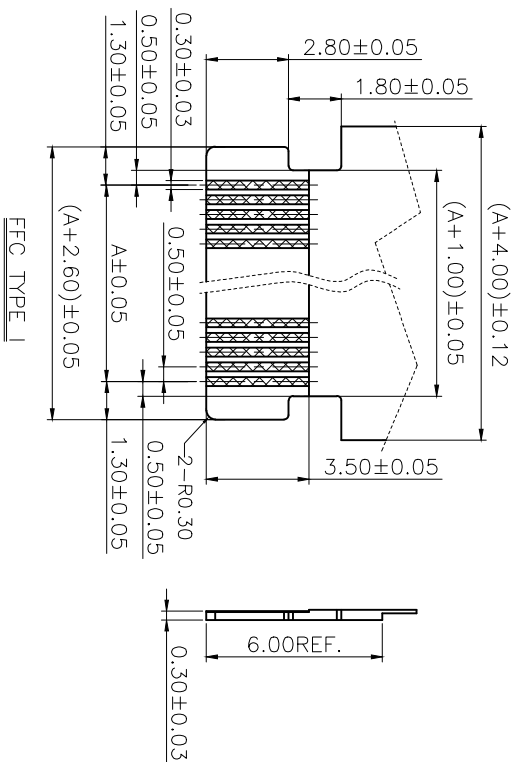
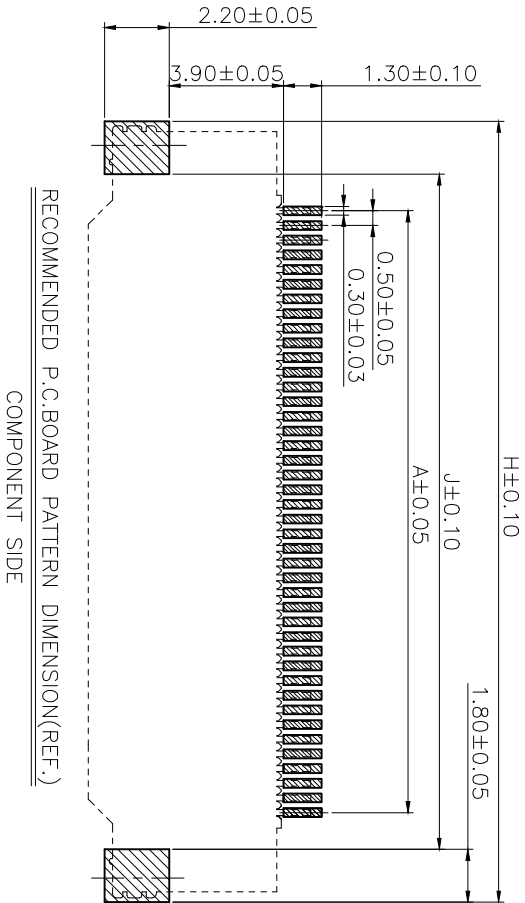


1. FFC PATTERN DIMENSION



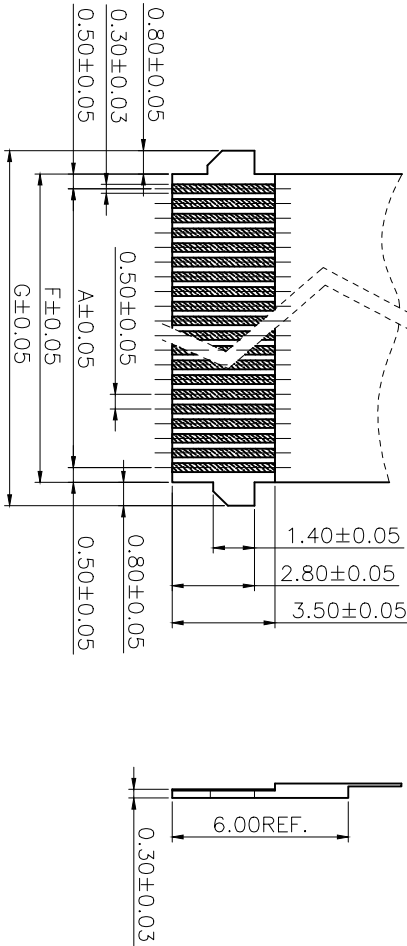
2. P.C.B LAYOUT,TOL:±0.05



RECOMMENDED P.C.BOARD PATTERN DIMENSION(REF.)

COMPONENT SIDE

REV.	ECR/ECN No.	DESCRIPTION	DRAWN/DATE	CHECKED/DATE	APPROVED/DATE
E	/	Improve the FFC/FFC retention force and modified the shape of contact head	May 2016-04-13	Rain 2016-04-13	Leo 2016-04-13
F	/	Upgraded the part number as per customer requested	May 2016-05-13	Rain 2016-05-13	Leo 2016-05-13
G	/	Expanded the available positions	May 2017-03-27	Rain 2017-03-27	Leo 2017-03-27
H	/	Update the drawing frame	Shunhong Chen 2020-06-29	Rain 2020-06-29	Leo 2020-06-29



DIMENSION LIST:

FFC TYPE II

NO. OF POS	A	B	C	D	F	G	H	J	K	NO. OF POS	A	B	C	D	F	G	H	J	K
41	20.0	25.8	23.54	21.01	21.0	22.6	26.1	22.5	22.72	56	27.5	33.3	31.04	28.51	28.5	30.1	33.6	30.0	30.22
42	20.5	26.3	24.04	21.51	21.5	23.1	26.6	23.0	23.22	57	28.0	33.8	31.54	29.01	29.0	30.6	34.1	30.5	30.72
43	21.0	26.8	24.54	22.01	22.0	23.6	27.1	23.5	23.72	58	28.5	34.3	32.04	29.51	29.5	31.1	34.6	31.0	31.22
44	21.5	27.3	25.04	22.51	22.5	24.1	27.6	24.0	24.22	59	29.0	34.8	32.54	30.01	30.0	31.6	35.1	31.5	31.72
45	22.0	27.8	25.54	23.01	23.0	24.6	28.1	24.5	24.72	60	29.5	35.3	33.04	30.51	30.5	32.1	35.6	32.0	32.22
46	22.5	28.3	26.04	23.51	23.5	25.1	28.6	25.0	25.22	61	30.0	35.8	33.54	31.01	31.0	32.6	36.1	32.5	32.72
47	23.0	28.8	26.54	24.01	24.0	25.6	29.1	25.5	25.72	62	30.5	36.3	34.04	31.51	31.5	33.1	36.6	33.0	33.22
48	23.5	29.3	27.04	24.51	24.5	26.1	29.6	26.0	26.22	63	31.0	36.8	34.54	32.01	32.0	33.6	37.1	33.5	33.72
49	24.0	29.8	27.54	25.01	25.0	26.6	30.1	26.5	26.72	64	31.5	37.3	35.04	32.51	32.5	34.1	37.6	34.0	34.22
50	24.5	30.3	28.04	25.51	25.5	27.1	30.6	27.0	27.22	65	32.0	37.8	35.54	33.01	33.0	34.6	38.1	34.5	34.72
51	25.0	30.8	28.54	26.01	26.0	27.6	31.1	27.5	27.72	66	32.5	38.3	36.04	33.51	33.5	35.1	38.6	35.0	35.22
52	25.5	31.3	29.04	26.51	26.5	28.1	31.6	28.0	28.22	67	33.0	38.8	36.54	34.01	34.0	35.6	39.1	35.5	35.72
53	26.0	31.8	29.54	27.01	27.0	28.6	32.1	28.5	28.72	68	33.5	39.3	37.04	34.51	34.5	36.1	39.6	36.0	36.22
54	26.5	32.3	30.04	27.51	27.5	29.1	32.6	29.0	29.22	69	34.0	39.8	37.54	35.01	35.0	36.6	40.1	36.5	36.72
55	27.0	32.8	30.54	28.01	28.0	29.6	33.1	29.5	29.72										

UNLESS OTHERWISE SPECIFIED
TOLERANCES

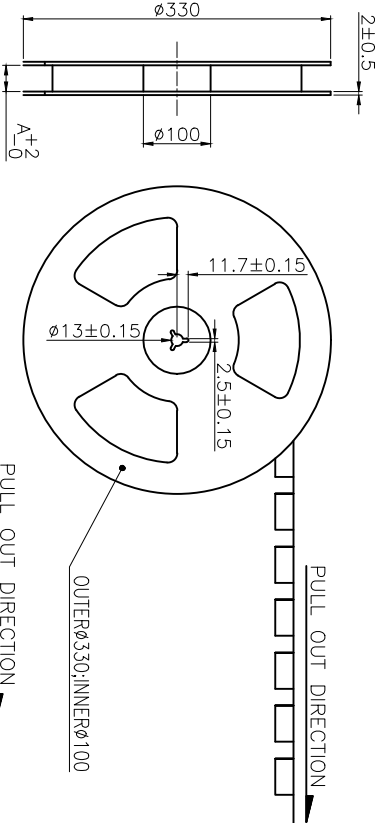
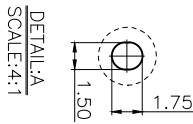
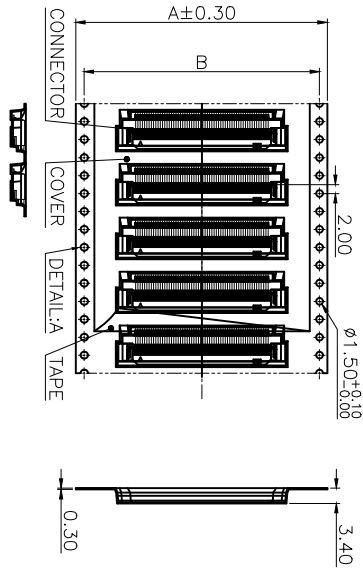


Amphenol
AAORORA

Amphenol Aorora Technology (Huizhou) Co., Ltd

UNLESS OTHERWISE SPECIFIED TOLERANCES					ANGLE OF PROJECTION									
X.	±0.30	X. *	± 5°	DOC TYP	Customer Dwg		TITLE: Assembly Drawing For 0.5mm pitch Front side flip, with lock,H25mm(41+69PIN)	PART NUMBER: F31L-1*7*1-110** F31L-1*7*1-110**~E*20	REV.					
	X.X	±0.25	X.X *										± 4°	
	X.XX	±0.20	X.XX *										± 3°	
	X.XXX	±0.15	X.XXX *										± 2°	
	LINEAR DIMS	ANGLES DIMS												
DWG NO.: A-S0083														
MATERIAL	SEE NOTES		APPROVED	DATE	Roin	2020-06-29	SCALE	4:1	UNIT : mm	SHEET	2	OF	3	
	FINISHED	SEE NOTES												
				CHECKED DATE		2020-06-29	A4							
				DATE		2020-06-29								
				DATE		2020-06-29								
				DATE		2020-06-29								
				DATE		2020-06-29								

PULL OUT DIRECTION



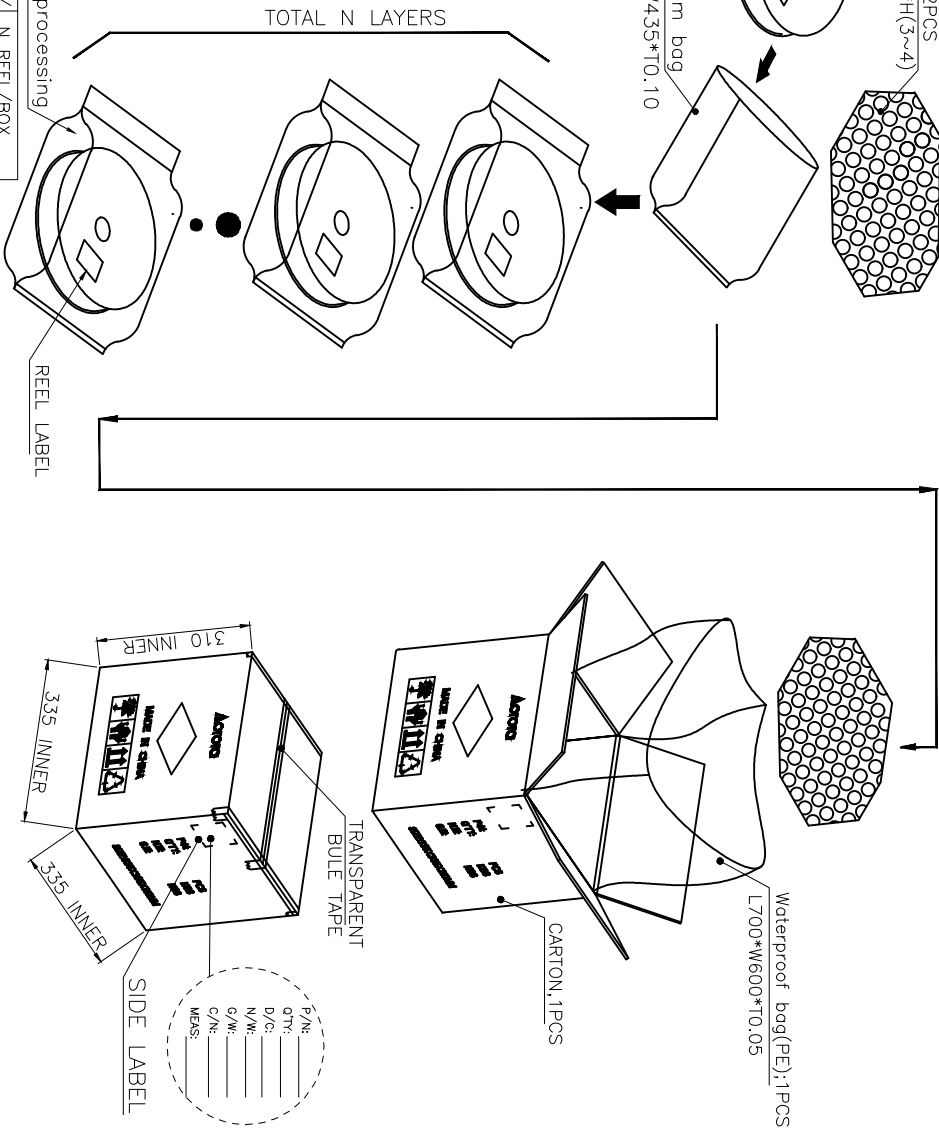
NOTES:

1. MATERIAL:
 - 1.1 CARRY TAPE:PS,I=0.30±0.05mm,CLEAR
 - 1.2 REEL:HIPPS, 1.3 SHIM:PE,CLEAR.
2. PRIMARY PACKING:SEE TABLE.
3. SECONDARY PACKING:SEE PACKING LIST
4. PEELING RESISTANCE: 0.1~0.7N(10~70gf), PEELING ANGLE: 165°~180°, PEELING SPEED: 300mm/minutes.
5. PART NO. LEGEND: F31L-1*7*1-110**

1A:ICP NATURAL
1B:ICP BLACK
NO. OF POSITIONS
7H:PHOSPHOR BRONZE
7A:PHOSPHOR BRONZE MATTER TIN

6. QTY. LIST:

NO. OF POS	A	B	PCS/ REEL	N REEL/BOX
41~50 PIN	44.0	40.40	1700	6REEL(10200PCS)
51~69 PIN	56.0	52.40	1700	5REEL(8500PCS)



REV.	ECR/ECN No.	DESCRIPTION	DRAWN/DATE	CHECKED/DATE	APPROVED/DATE
E	/	Improve the FPC/FPC retention force and modified the shape of contact head	May 2016-04-13	Rain 2016-04-13	Leo 2016-04-13
F	/	Upgraded the port number as per customer requested	May 2016-05-13	Rain 2016-05-13	Leo 2016-05-13
G	/	Expanded the available positions	May 2017-03-27	Rain 2017-03-27	Leo 2017-03-27
H	/	Update the drawing frame	Shunhong Chen 2020-06-29	Rain 2020-06-29	Leo 2020-06-29

UNLESS OTHERWISE SPECIFIED TOLERANCES		ANGLE OF PROJECTION		TITLE:	
X.	±0.30	X.	± 5°	Customer Drw	Amphenol Aorora Technology (Huizhou) Co.,Ltd
X.X	±0.25	X.X	± 4°	Shunhong Chen 2020-06-29	Assembly Drawing For 0.5mm pitch Front side flip, with lock,H2.55mm(41~69PIN)
X.XX	±0.20	X.XX	± 3°	Shunhong Chen 2020-06-29	
X.XXX	±0.15	X.XXX	± 2°	Shunhong Chen 2020-06-29	
LINEAR DIMS		ANGLES DIMS		DESIGN DATE	SIZE
MATERIAL		SEE NOTES		CHECKED DATE	PART NUMBER:
FINISHED		SEE NOTES		APPROVED DATE	F31L-1*7*1-110**
				SCALE	1:1
				UNIT : mm	SHEET 3 OF 3