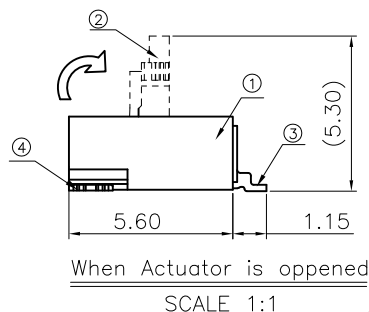
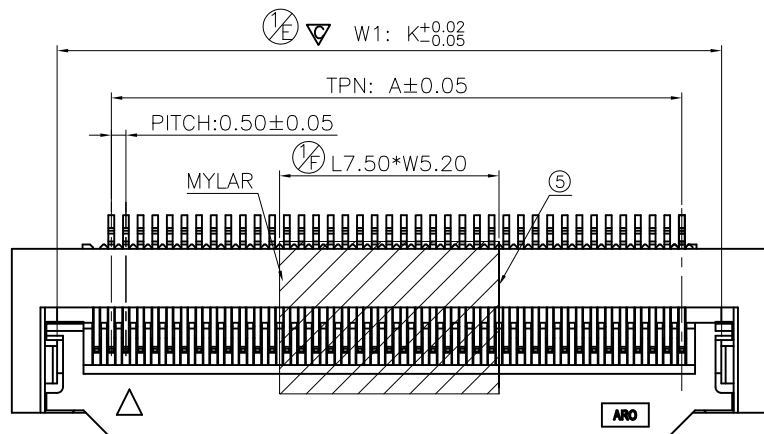


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REV.	ECR/ECN No.	DESCRIPTION	DRAWN/DATE	CHECKED/DATE	APPROVED/DATE
G	/	客户需求, 新增颜色一黑色	May 2016-11-12	Rain 2016-11-12	Hongkui.Liu 2016-11-12
H	/	改善皮线保持力, 端子头部形状变更	May 2016-04-13	Rain 2016-04-13	Hongkui.Liu 2016-04-13
I	/	客户要求料号升级	May 2016-05-13	Rain 2016-05-13	Hongkui.Liu 2016-05-13



**SPECIFICATION**

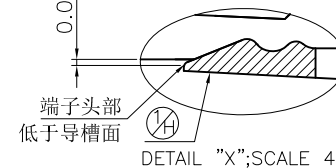
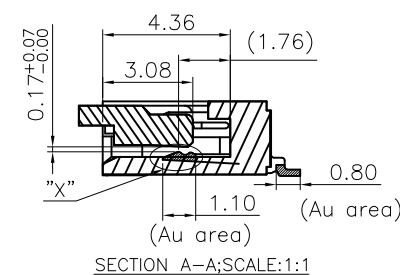
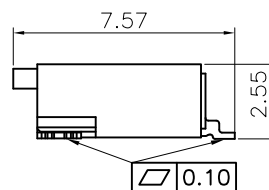
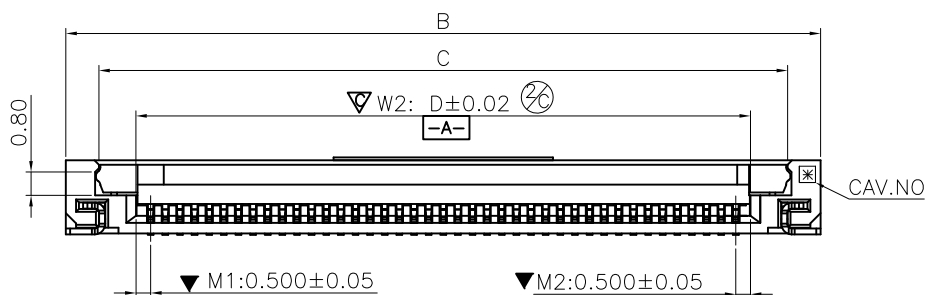
- CONTACT RESISTANCE : 30mΩ MAX.;
- DIELECTRIC WITHSTANDING VOLTAGE; 500V AC R.M.S. FOR 1 MINUTE;
- INSULATION RESISTANCE : 500MΩ MIN;
- "▽" IS IMPORTANT DIMENSION;
- "⊕" NOTATION FOR CPK AND X-R TEST SIZE
- ALL MATERIAL MUST BE COMPLY WITH SS-00259 OR RoHS.
- PART NO.:

F31L-1\*7\*1-110\*\*(WITH MYLAR)  
F31L-1\*7\*1-110\*\*-E\*10(升级料号)

1:WITH MYLAR  
2:WITHOUT MYLAR  
NO. OF POSITIONS

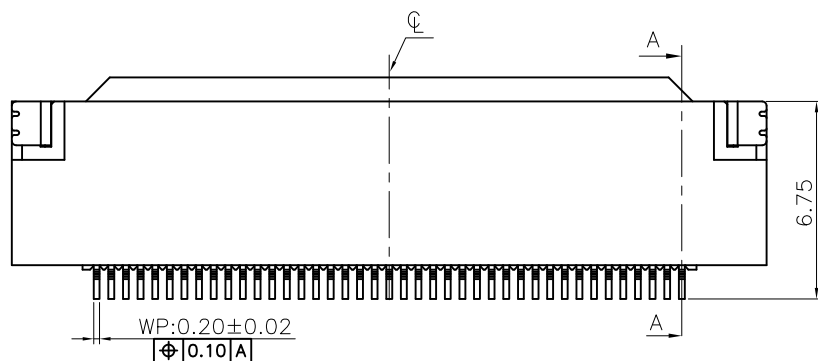
1A:LCP Natural  
1B:LCP Black

7H:PHOSPHOR BRONZE  
0.05um MIN Au(Au Area)  
7A:PHOSPHOR BRONZE  
MATTER TIN



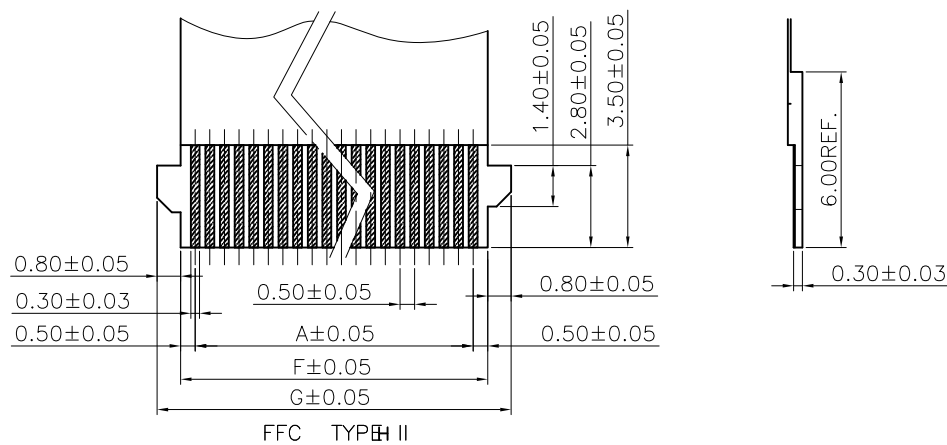
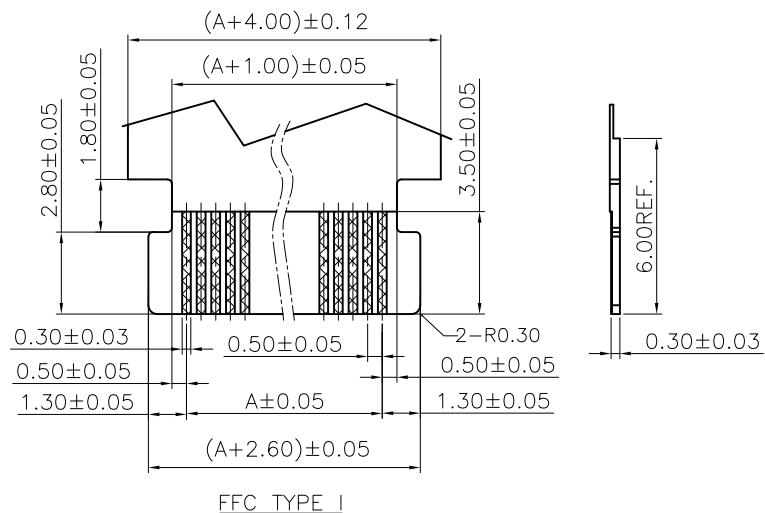
NO.	COMPONENTS	MATERIALS	FINISH/COLOR	SPECIFICATION	QTY.
1	HOUSING	Liquid crystal polymer	Natural or Black(UL94V-0);		1
2	ACTUATOR	Polyamide 9T	black(UL94V-0);		1
3	CONTACT	Phosphor Bronze T=0.20mm	UNDER PLATING:1~3um Ni SURFACE SELECT PLATING:SEE PART NO.		N
4	ANCHOR-PLATE	Brass T=0.20mm	2~4um Tin PLATING 1~3um Ni UNDERPLATING		2
5	MYLAR	T=0.10mm THERMOSTABLE	YELLOW		1

UNLESS OTHERWISE SPECIFIED TOLERANCES				ANGLE OF PROJECTION		Amphenol AORORA	
X.	±0.50	X. *	± 1'			Amphenol Aorora Technology (Huizhou) Co.,Ltd	
X.X	±0.25	X.X *	± 0.5'				
X.XX	±0.15	X.XX *	± 0.5'	DOC TYPE Customer Drw		TITLE: Assembly Drawing For 0.5mm pitch Front side filp, with lock,H2.55mm(4~40PIN)	
X.XXX	±0.10	X.XXX *	± 1'				
LINEAR DIMS	ANGLES DIMS			DRAWN	DATE	SIZE	DWG NO.
P/N:	F31L-1*7*1-110** F31L-1*7*1-110**-E*10			DESIGN	DATE	A4	A-S0099
MATERIAL	SEE NOTES			CHECKED	DATE	SCALE	UNIT : mm
FINISHED	SEE NOTES			APPROVED	DATE	1:1	SHEET 1 OF 2



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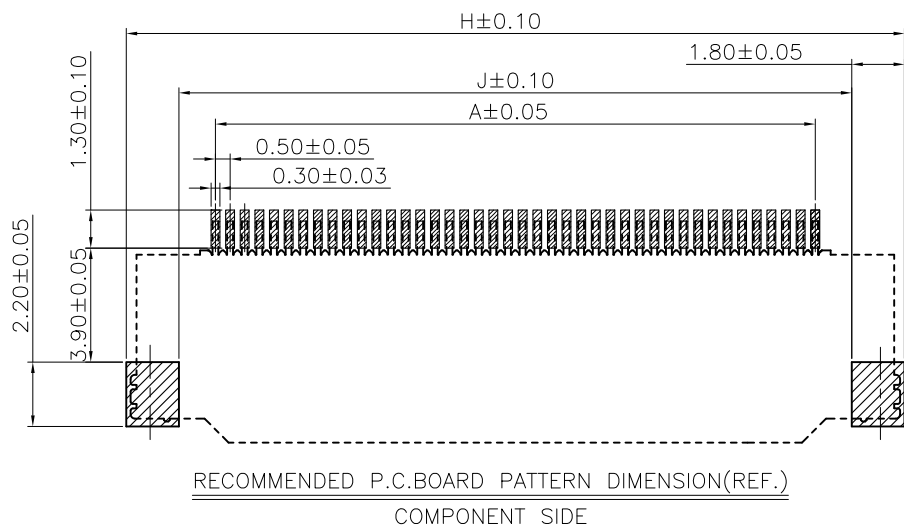
### 1. FFC PATTERN DIMENSION



### DIMENSION LIST:

NO.OF POS	A	B	C	D	F	G	J	K	NO.OF POS	A	B	C	D	F	G	H	J	K	
4	1.5	7.3	5.04	2.5	2.5	4.1	7.6	3.5	4.22	23	11.0	16.8	14.54	12.0	12.0	13.6	17.1	13.5	13.72
5	2.0	7.8	5.54	3.0	3.0	4.6	8.1	4.0	4.72	24	11.5	17.3	15.04	12.5	12.5	14.1	17.6	14.0	14.22
6	2.5	8.3	6.04	3.5	3.5	5.1	8.6	4.5	5.22	25	12.0	17.8	15.54	13.0	13.0	14.6	18.1	14.5	14.72
7	3.0	8.8	6.54	4.0	4.0	5.6	9.1	5.5	5.72	26	12.5	18.3	16.04	13.5	13.5	15.1	18.6	15.0	15.22
8	3.5	9.3	7.04	4.5	4.5	6.1	9.6	6.0	6.22	27	13.0	18.8	16.54	14.0	14.0	15.6	19.1	15.5	15.72
9	4.0	9.8	7.54	5.0	5.0	6.6	10.1	6.5	6.72	28	13.5	19.3	17.04	14.5	14.5	16.1	19.6	16.0	16.22
10	4.5	10.3	8.04	5.5	5.5	7.1	10.6	7.0	7.22	29	14.0	19.8	17.54	15.0	15.0	16.6	20.1	16.5	16.72
11	5.0	10.8	8.54	6.0	6.0	7.6	11.1	7.5	7.72	30	14.5	20.3	18.04	15.5	15.5	17.1	20.6	17.0	17.22
12	5.5	11.3	9.04	6.5	6.5	8.1	11.6	8.0	8.22	31	15.0	20.8	18.54	16.0	16.0	17.6	21.1	17.5	17.72
13	6.0	11.8	9.54	7.0	7.0	8.6	12.1	8.5	8.72	32	15.5	21.3	19.04	16.5	16.5	18.1	21.6	18.0	18.22
14	6.5	12.3	10.04	7.5	7.5	9.1	12.6	9.0	9.22	33	16.0	21.8	19.54	17.0	17.0	18.6	22.1	18.5	18.72
15	7.0	12.8	10.54	8.0	8.0	9.6	13.1	9.5	9.72	34	16.5	22.3	20.04	17.5	17.5	19.1	22.6	19.0	19.22
16	7.5	13.3	11.04	8.5	8.5	10.1	13.6	10.0	10.22	35	17.0	22.8	20.54	18.0	18.0	19.6	23.1	19.5	19.72
17	8.0	13.8	11.54	9.0	9.0	10.6	14.1	10.5	10.72	36	17.5	23.3	21.04	18.5	18.5	20.1	23.6	20.0	20.22
18	8.5	14.3	12.04	9.5	9.5	11.1	14.6	11.0	11.22	37	18.0	23.8	21.54	19.0	19.0	20.6	24.1	20.5	20.72
19	9.0	14.8	12.54	10.0	10.0	11.6	15.1	11.5	11.72	38	18.5	24.3	22.04	19.5	19.5	21.1	24.6	21.0	21.22
20	9.5	15.3	13.04	10.5	10.5	12.1	15.6	12.0	12.22	39	19.0	24.8	22.54	20.0	20.0	21.6	25.1	21.5	21.72
21	10.0	15.8	13.54	11.0	11.0	12.6	16.1	12.5	12.72	40	19.5	25.3	23.04	20.5	20.5	22.1	25.6	22.0	22.22
22	10.5	16.3	14.04	11.5	11.5	13.1	16.6	13.0	13.22										

### 2. P.C.B LAYOUT, TOL: ±0.05



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

UNLESS OTHERWISE SPECIFIED TOLERANCES				ANGLE OF PROJECTION		Amphenol AORORA	
X.	±0.50	X. *	± 1'			Amphenol Aorora Technology (Huizhou) Co.,Ltd	
X.X	±0.25	X.X *	± 0.5'				
X.XX	±0.15	X.XX *	± 0.5'	DOC TYPE Customer Drw		TITLE: Assembly Drawing For 0.5mm pitch Front side filp, with lock,H2.55mm(4~40PIN)	
X.XXX	±0.10	X.XXX *	± 1'				
LINEAR DIMS		ANGLES DIMS		DRAWN DATE	May 2016-05-15	SIZE	DWG NO.
P/N: F31L-1*7*1-110** F31L-1*7*1-110**-E*10				DESIGN DATE	May 2016-05-15	A4	A-S0099
MATERIAL		SEE NOTES		CHECKED DATE	Rain 2016-05-15	REV.	I
FINISHED		SEE NOTES		APPROVED DATE	Hongkui.Liu 2016-05-15	SCALE	1:1
				UNIT : mm		SHEET 2 OF 2	