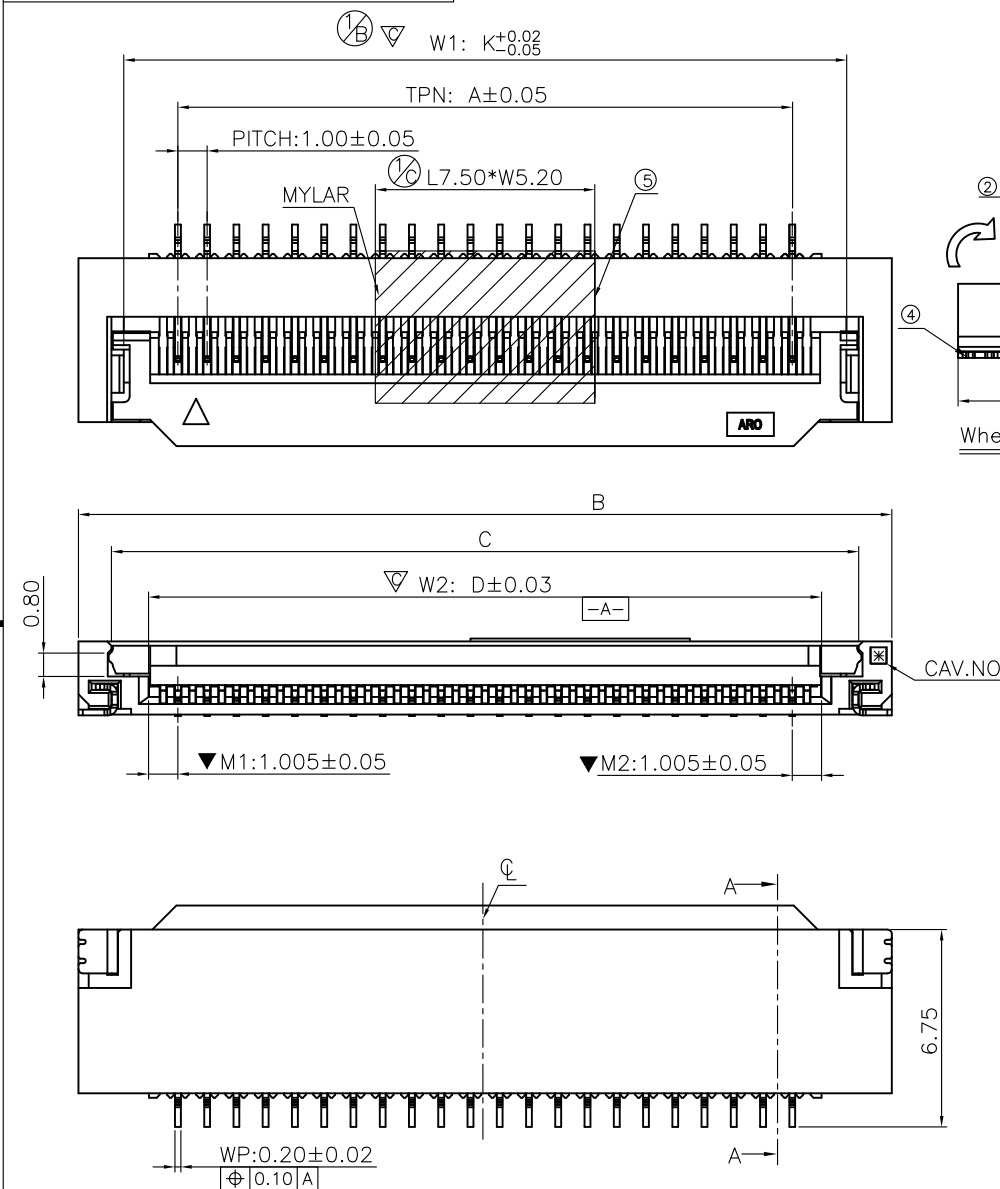


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REV.	ECR/ECN No.	DESCRIPTION	DRAWN/DATE	CHECKED/DATE	APPROVED/DATE
B	/	更改公差	May 2015-01-13	Rain 2015-01-13	Hongkui.Liu 2015-01-13
C	/	改善皮线保持力, 端子头部形状变更	May 2016-04-13	Rain 2016-04-13	Hongkui.Liu 2016-04-13
D	/	客户要求料号升级	May 2016-05-13	Rain 2016-05-13	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 $\bar{X}$ -R TEST SIZE
- ALL MATERIAL MUST BE COMPLY WITH SS-00259 OR RoHS.
- PART NO.:

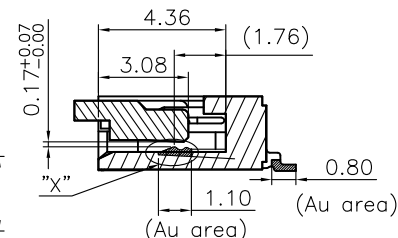
F51L-1*7*1-*10**

F51L-1*7*1-*10**-E120(升级料号)

NO. OF POSITIONS

1:有卤素

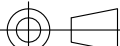
2:无卤素

1A:LCP Natural
1B:LCP Black7H:PHOSPHOR BRONZE
0.05um MIN Au(Au Area)
7A:PHOSPHOR BRONZE
MATTER TIN

端子头部
低于导槽面

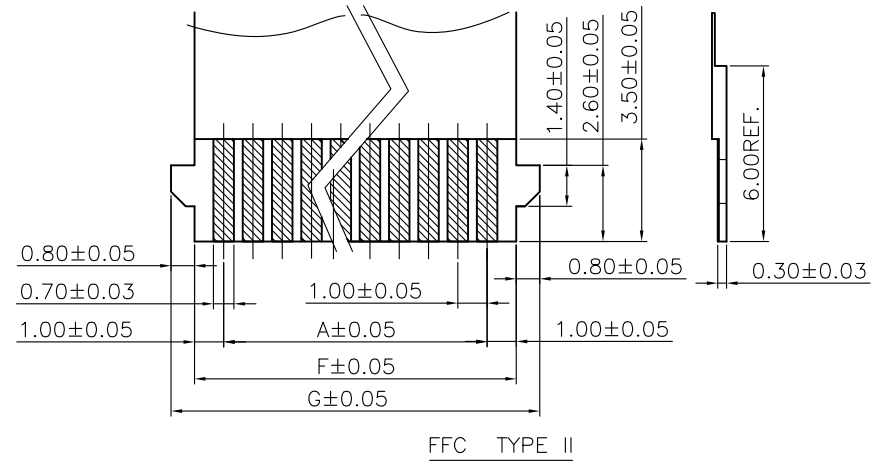
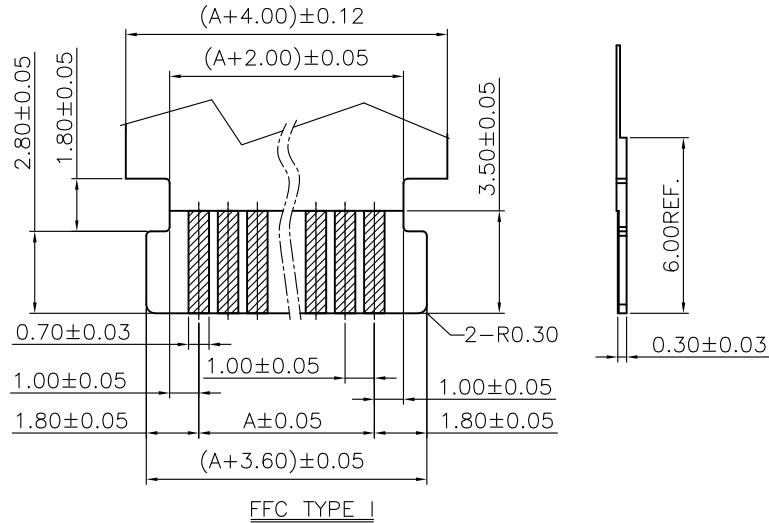
DETAIL "X";SCALE 4:1

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 Technology (Huizhou) Co.,Ltd		
X.	±0.50	X. °	± 1°					
X.X	±0.25	X.X °	± 0.5°	DOC TYP Customer Drw				
X.XX	±0.15	X.XX °	± 0.5°					
X.XXX	±0.10	X.XXX °	± 1°	TITLE: Assembly Drawing For 1.0mm pitch Front side filp, with lock,H2.55mm(20~31PIN)				
LINEAR DIMS		ANGLES DIMS						
P/N: F51L-1*7*1-°10** F51L-1*7*1-°10**-E120				DESIGN DATE	May 2016-05-13	SIZE DWG NO.	REV.	
MATERIAL SEE NOTES				DATE	May 2016-05-13			
FINISHED SEE NOTES				CHECKED DATE	Rain 2016-05-13	A4	A-S0242	D
				APPROVED DATE	Hongkui.Liu 2016-05-13			
				SCALE		1:1	UNIT : mm	SHEET 1 OF 2

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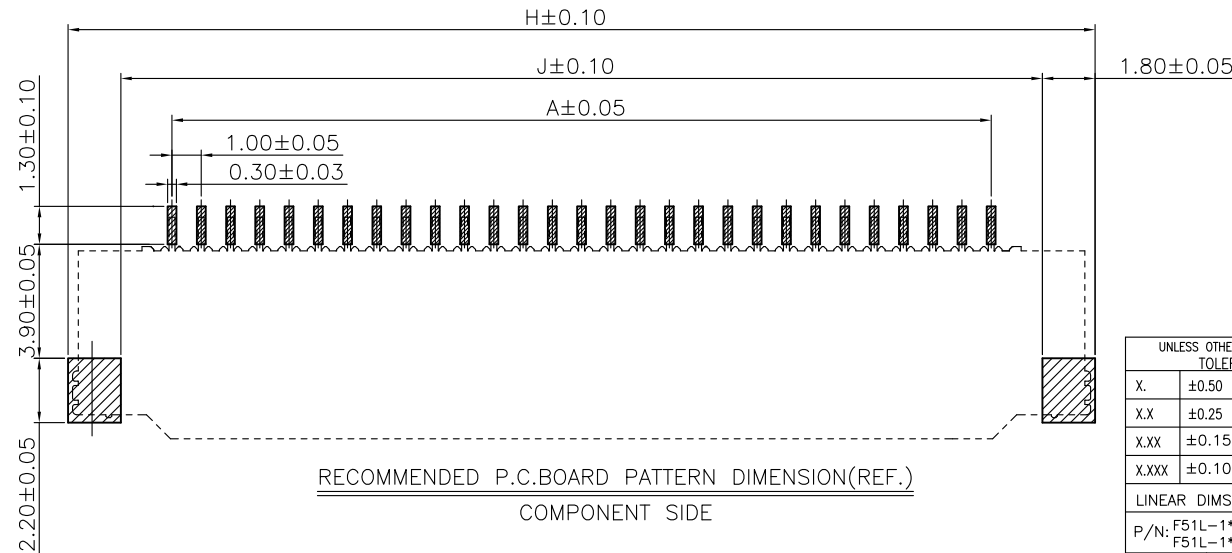
1. FFC PATTERN DIMENSION



DIMENSION LIST:

NO.OF POS.	A	B	C	D	F	G	H	J	K
20	19.0	25.8	23.54	21.01	21.0	22.6	26.1	22.5	22.72
21	20.0	26.8	24.54	22.01	22.0	23.6	27.1	23.5	23.72
22	21.0	27.8	25.54	23.01	23.0	24.6	28.1	24.5	24.72
23	22.0	28.8	26.54	24.01	24.0	25.6	29.1	25.5	25.72
24	23.0	29.8	27.54	25.01	25.0	26.6	30.1	26.5	26.72
25	24.0	30.8	28.54	26.01	26.0	27.6	31.1	27.5	27.72
26	25.0	31.8	29.54	27.01	27.0	28.6	32.1	28.5	28.72
27	26.0	32.8	30.54	28.01	28.0	29.6	33.1	29.5	29.72
28	27.0	33.8	31.54	29.01	29.0	30.6	34.1	30.5	30.72
29	28.0	34.8	32.54	30.01	30.0	31.6	35.1	31.5	31.72
30	29.0	35.8	33.54	31.01	31.0	32.6	36.1	32.5	32.72
31	30.0	36.8	34.54	32.01	32.0	33.6	37.1	33.5	33.72

2. P.C.B LAYOUT, TOL: ±0.05



UNLESS OTHERWISE SPECIFIED TOLERANCES				ANGLE OF PROJECTION		 Amphenol Aorora Technology (Huizhou) Co., Ltd	
X.	±0.50	X.	$\pm 1^\circ$				
X.X	±0.25	X.X	$\pm 0.5^\circ$	DOC TYP Customer Drw		TITLE: Assembly Drawing For 1.0mm pitch Front side filp, with lock, H2.55mm (20~31PIN)	
X.XX	±0.15	X.XX	$\pm 0.5^\circ$	DRAWN DATE May 2016-05-13			
X.XXX	±0.10	X.XXX	$\pm 1^\circ$	DESIGN DATE May 2016-05-13			
LINEAR DIMS ANGLES DIMS				CHECKED DATE Rain 2016-05-13			
P/N: F51L-1*7*1-*10** F51L-1*7*1-*10**-*E120				APPROVED DATE Hongkui.Liu 2016-05-13		SIZE DWG NO. A4 SCALE 1:1 UNIT : mm SHEET 2 OF 2	
MATERIAL SEE NOTES		FINISHED SEE NOTES		REV. D			