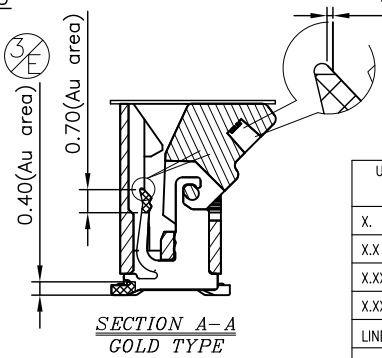
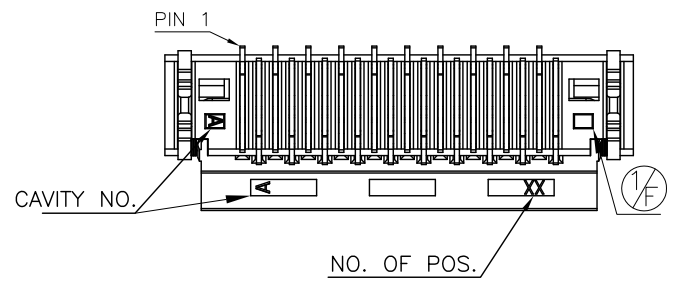
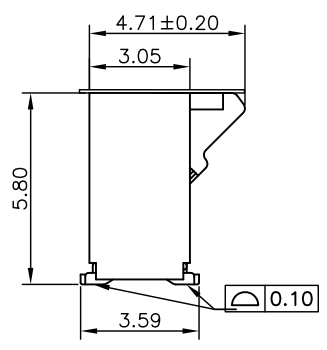
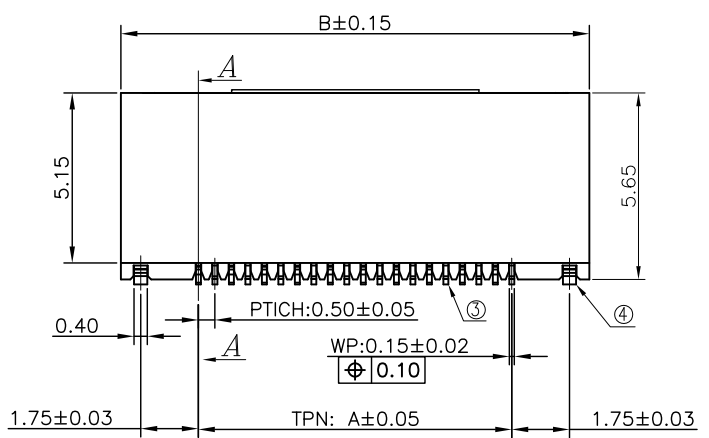
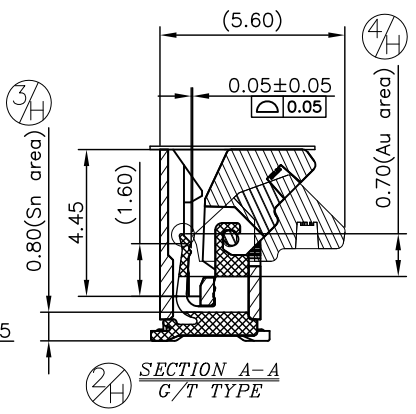
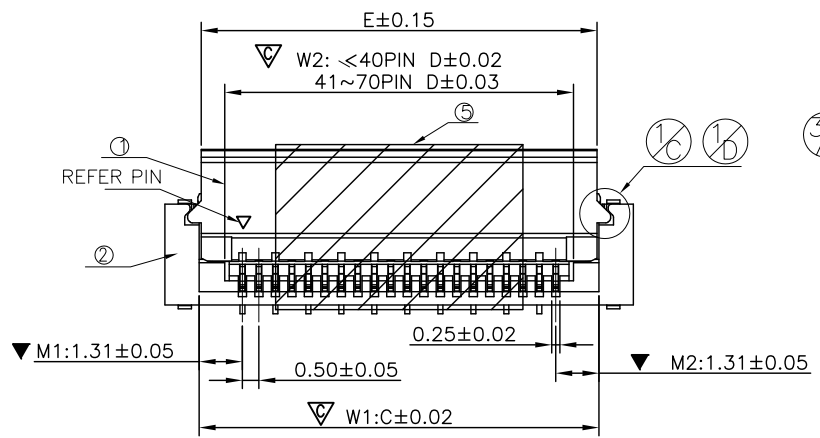


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REV.	ECR/ECN No.	DESCRIPTION	DRAWN/DATE	CHECKED/DATE	APPROVED/DATE
H	/	Add plating specification	May 2019-01-07	Rain 2019-01-07	Xiaohong.zhu 2019-01-07



NO.	COMPONENTS	MATERIALS	SPECIFICATION:FINISH/COLOR	QTY.
1	SLIDER	GLASS FILLED LCP, UL94V-0	BLACK	1
2	HOUSING	GLASS FILLED LCP, UL94V-0	NATURE	1
3	ANCHOR-PLATE	BRASS, T=0.40±0.01mm	ALL OVER 2um MIN. MATTE TIN UNDERPLATING:1um NICKEL MIN.	2
4	CONTACT	PHOSPHOR BRONZE, T=0.15±0.01mm	CONTACT AREA SEE "NOTE" AND FOOT UNDERPLATING:1um NICKEL MIN.	N
5	MYLAR	L7.50*W5.00*H0.10	BROWN	1

NOTE:

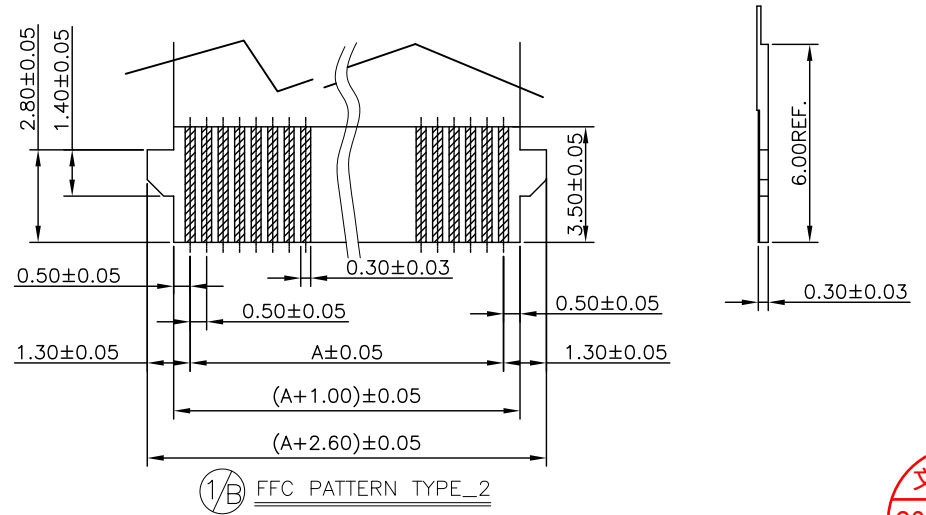
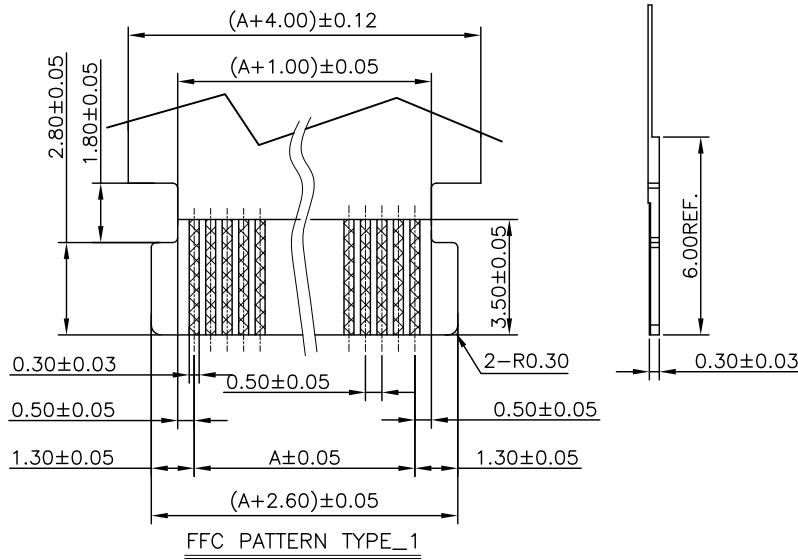
- MATERIAL:  
HOUSING:LCP.NATURAL.UL94V-0.  
COVER:LCP.BLACK.UL94-0.  
CONTACT:PHOSPHOR BRONZE;T=0.15mm.  
STATOR:BRASS;T=0.40mm.
- PLATING:  
CONTACT:SEE "PART NO. LEGEND"  
FOOT UNDERPLATING:1um NICKEL MIN.  
STATOR:ALL OVER 2um MIN. MATTE TIN UNDERPLATING:1um NICKEL MIN.
- COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND SONY SS-00259.
- "▽" MARK IS CPK AND X-R DIMENSION
- "▼" MARK IS IMPORTANT DIMENSIONS

4. PART NO. LEGEND:  
F31S-1A7\*1-110\*\*  
NO. OF POSITIONS  
7H:PHOSPHOR BRONZE  
0.075um MIN Au(Au Area)  
7L:PHOSPHOR BRONZE  
G/T(Contact area 0.05um Au MIN.; Solder area 2um Sn MIN.)

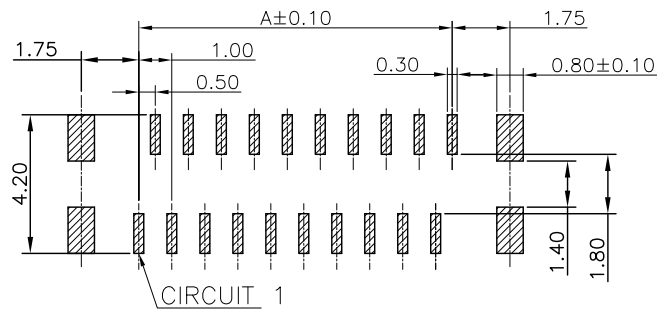
UNLESS OTHERWISE SPECIFIED TOLERANCES				ANGLE OF PROJECTION		Amphenol AORORA Amphenol Aorora Technology (Huizhou) Co.,Ltd	
X.	±0.30	X. '	± 5'			TITLE: Assembly Drawing For 0.5 PITCH FPC CONN. ZIF SMT TYPE STRAIGHT	
X.X	±0.25	X.X '	± 4'				
X.XX	±0.20	X.XX '	± 3'	DOC TYP Customer Drw		DRAWN DATE May 2019-01-07	
X.XXX	±0.15	X.XXX '	± 2'	DESIGN DATE May 2019-01-07		SIZE PART NUMBER: A4 F31S-1A7*1-110**	
LINEAR DIMS		ANGLES DIMS		CHECKED DATE Rain 2019-01-07		REV. H	
DWG NO.: A-S0127		MATERIAL SEE NOTES		APPROVED DATE Hongkui.Liu 2019-01-07		SCALE 1:1 UNIT : mm SHEET 1 OF 3	
FINISHED SEE NOTES							



1. FFC PATTERN DIMENSION



2. P.C.B LAYOUT, TOL:  $\pm 0.05$



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DIMENSION LIST:

NO. OF POS.	A	B	①C	②D	③E
10	4.50	9.20	7.12	5.60	7.04
20	9.50	14.20	12.12	10.60	12.04
30	14.50	19.20	17.12	15.60	17.04
40	19.50	24.20	22.12	20.60	22.04
50	24.50	29.20	27.12	25.60	27.04
60	29.50	34.20	32.12	30.60	32.04
70	34.50	39.20	37.12	35.60	37.00

UNLESS OTHERWISE SPECIFIED TOLERANCES			ANGLE OF PROJECTION		Amphenol AORORA	
X.	$\pm 0.30$	X. °	$\pm 5'$			Amphenol Aorora Technology (Huizhou) Co.,Ltd TITLE: Assembly Drawing For 0.5 PITCH FPC CONN. ZIF SMT TYPE STRAIGHT
X.X	$\pm 0.25$	X.X °	$\pm 4'$			
X.XX	$\pm 0.20$	X.XX °	$\pm 3'$	DOC TYP Customer Drw		SIZE PART NUMBER: A4 F31S-1A7*1-110**
X.XXX	$\pm 0.15$	X.XXX °	$\pm 2'$	DRAWN DATE May 2019-01-07	DESIGN DATE May 2019-01-07	
LINEAR DIMS			ANGLES DIMS		SCALE 1:1 UNIT: mm SHEET 2 OF 3	
DWG NO.:	A-S0127		CHECKED DATE Rain 2019-01-07		APPROVED DATE Hongkui.Liu 2019-01-07	
MATERIAL	SEE NOTES		FINISHED		SEE NOTES	

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1 | 2 | 3 | 4

1. PACKING INTO REEL:

5. QTY LIST:

DIM	NO.	10&15pin	20&30pin	40&50pin	60&70pin
A		24.00	32.00	44.00	56.00
B		14.20	28.40	40.40	52.40
N		10	8	6	5
TOTAL(PCS)		9000	7200	5400	4500

NOTES:

- MATERIAL:
  - CARRY TAPE:HIPS,T=0.35mm,CLEAR
  - REEL:HIPS,BLUE.
  - SHIM:PE,CLEAR.
- PRIMARY PACKING:900PCS/REEL.
- SECONDARY PACKING:"N"REELS/CARTON ("TOTAL"=N\*900/CARTON).
- PEELING RESISTANCE: 0.1N~0.7N(10~70gf);  
PEELING ANGLE: 165°~180°;  
PEELING SPEED: 300mm/minutes.

2:PACKING INTO OUTER BOX

UNLESS OTHERWISE SPECIFIED TOLERANCES			ANGLE OF PROJECTION		 Amphenol Aorora Technology (Huizhou) Co.,Ltd		
X.	±0.30	X. '	± 5'		TITLE:		
X.X	±0.25	X.X '	± 4'		Assembly Drawing For 0.5 PITCH FPC CONN. ZIF SMT TYPE STRAIGHT		
X.XX	±0.20	X.XX '	± 3'	DOC TYPE	Customer Drw		SIZE
X.XXX	±0.15	X.XXX '	± 2'	DRAWN	DATE	2019-01-07	
LINEAR DIMS			ANGLES DIMS		DESIGN	DATE	2019-01-07
DWG NO.: A-S0127					CHECKED	DATE	2019-01-07
MATERIAL			SEE NOTES		APPROVED	DATE	2019-01-07
FINISHED			SEE NOTES		Leo.Liu		SCALE
					2019-01-07		1:1
							UNIT : mm
							SHEET 3 OF 3

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