

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:

1.MATERIAL:
HOUSING:LCP.NATURAL.UL94V-0.
COVER:LCP.BLACK.UL94-0.
CONTACT:PHOSPHOR BRONZE;T=0.15mm.
STATOR:BRASS;T=0.40mm.

2.PLATING:
CONTACT:SEE "PART NO. LEGEND"
FOOT UNDERPLATING:1um NICKEL MIN.
STATOR:ALL OVER 2um MIN. MATTE TIN
UNDERPLATING:1um NICKEL MIN.

3.COMPLIANT TO RoHS DIRECTIVE
2002/95/EC AND SONY SS-00259.

4."▽" MARK IS CPK AND X-R DIMENSION

5."▼" MARK IS IMPORTANT DIMENSIONS

4.PART NO. LEGEND:

F31S-1A7*1-110**

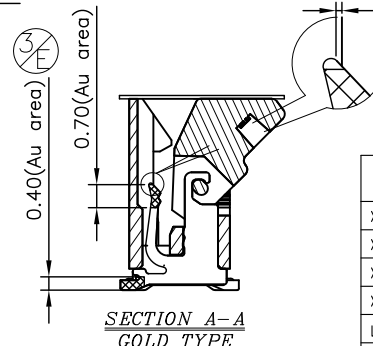
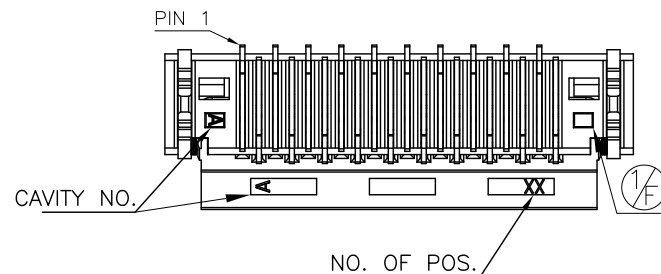
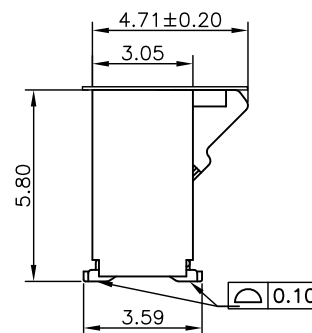
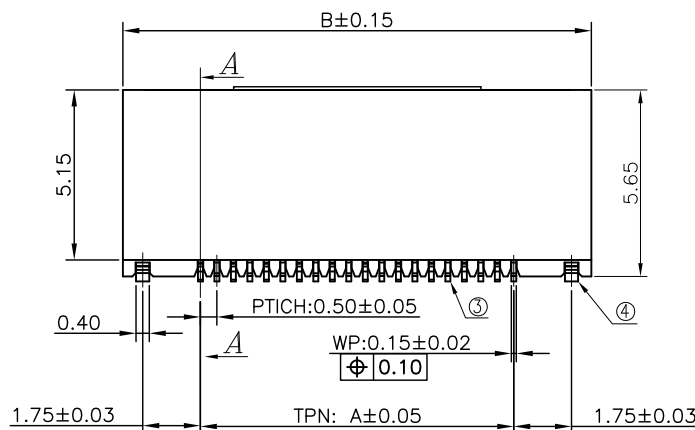
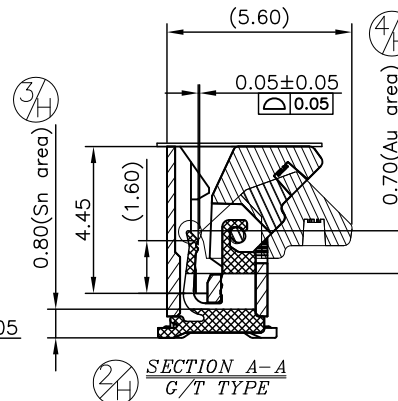
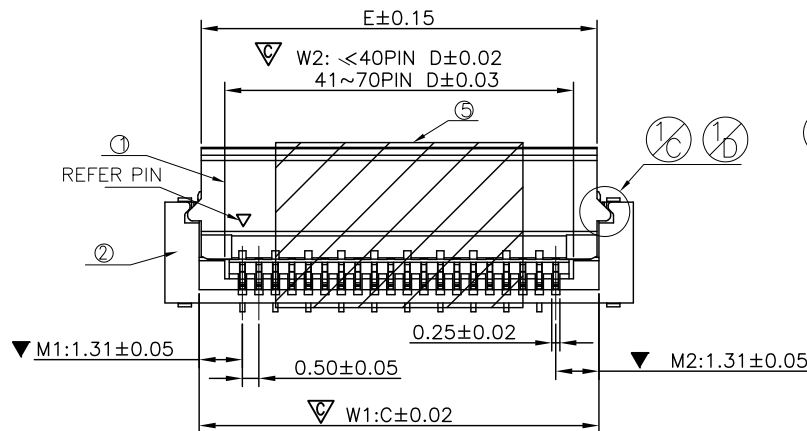
NO. OF POSITIONS

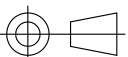
7H:PHOSPHOR BRONZE

0.075um MIN Au(Au Area)

7L:PHOSPHOR BRONZE

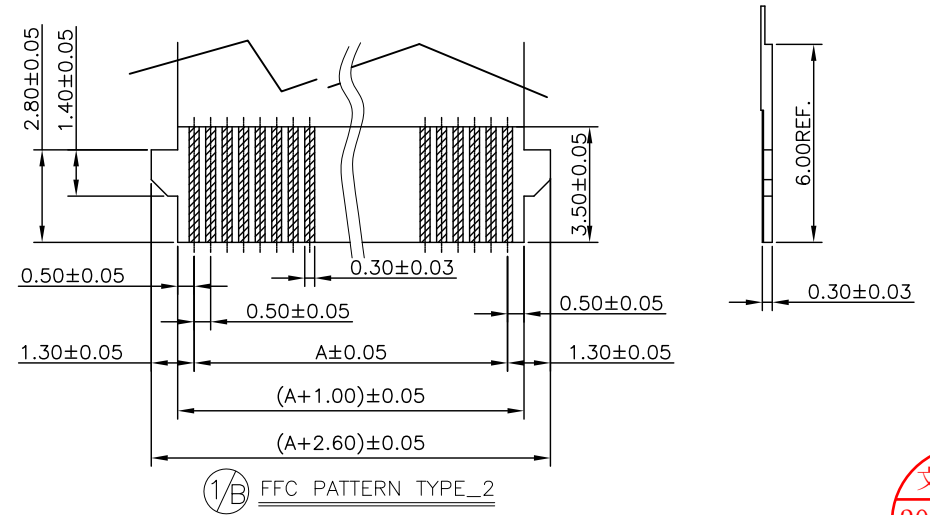
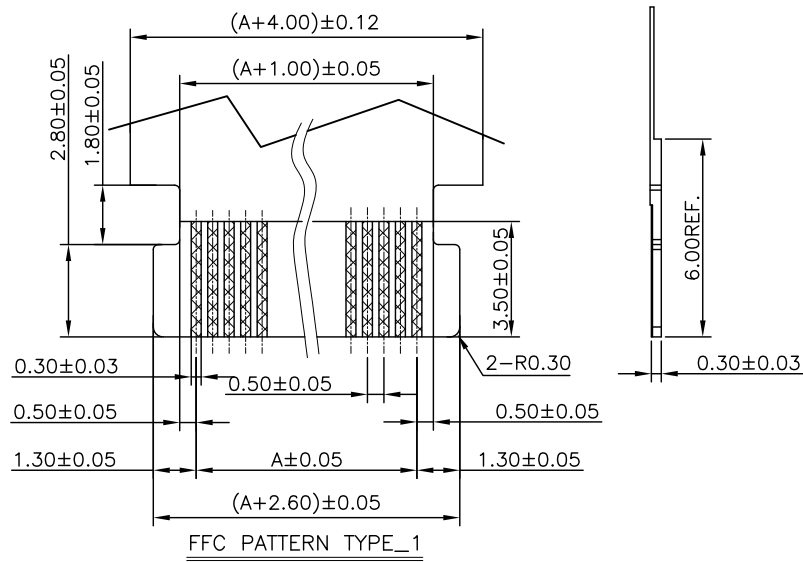
G/T(Contact area 0.05um Au MIN.;
Solder area 2um Sn MIN.)



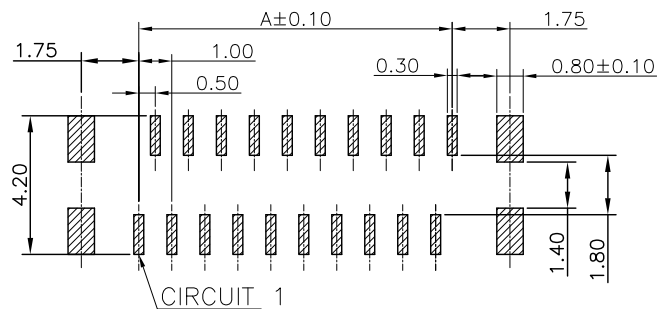
UNLESS OTHERWISE SPECIFIED TOLERANCES				ANGLE OF PROJECTION		 Amphenol Aorora Technology (Huizhou) Co.,Ltd	
X.	±0.30	X. *	± 5'			TITLE: Assembly Drawing For 0.5 PITCH FPC CONN. ZIF SMT TYPE STRAIGHT	
X.X	±0.25	X.X *	± 4'				
X.XX	±0.20	X.XX *	± 3'				
X.XXX	±0.15	X.XXX *	± 2'				
LINEAR DIMS		ANGLES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

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1. FFC PATTERN DIMENSION

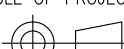


2. P.C.B LAYOUT, TOL: ±0.05



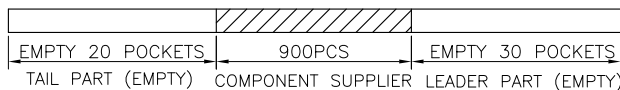
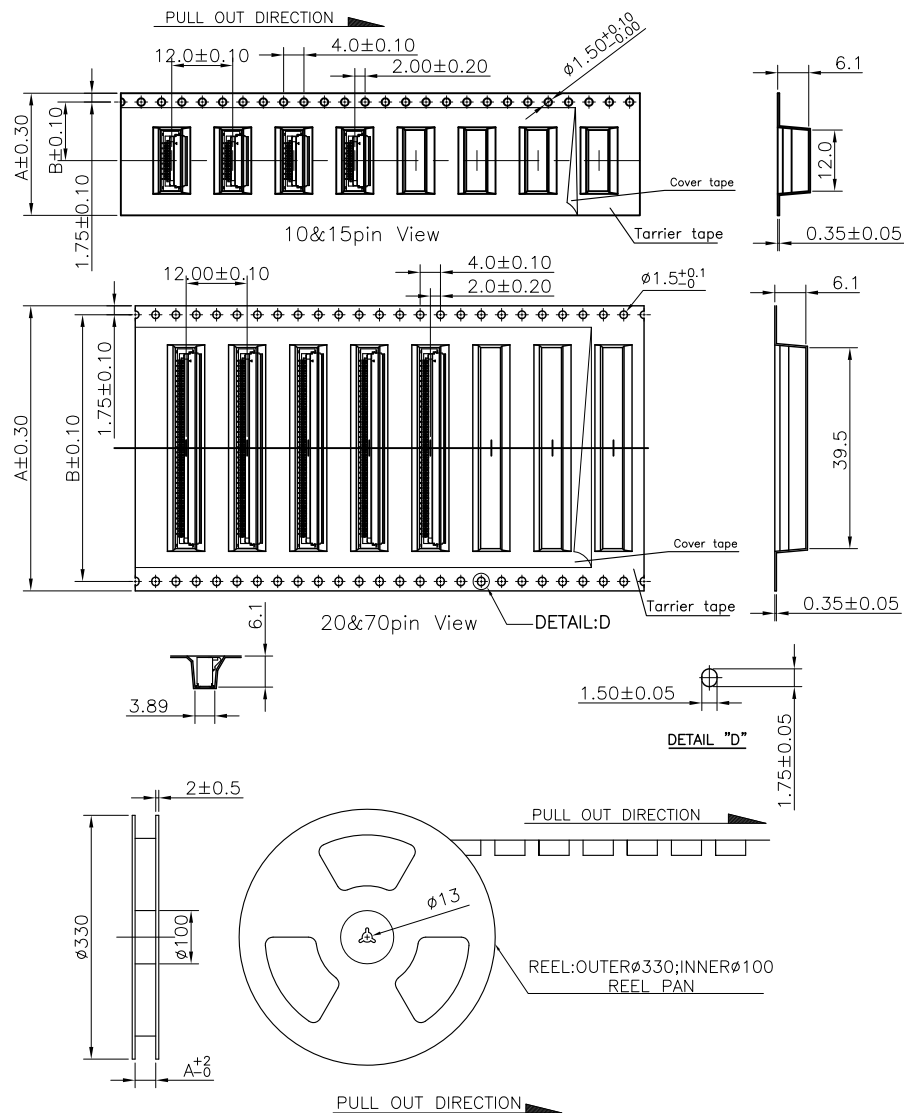
DIMENSION LIST:

NO. OF POS.	A	B	1B C	2B D	1C E
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

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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-S0127				DOC TYP		Customer Drw			
MATERIAL		SEE NOTES		DRAWN	DATE	May 2019-01-07	SIZE PART NUMBER: A4 F31S-1A7*1-110** SCALE 1:1 UNIT : mm SHEET 2 OF 3		
FINISHED		SEE NOTES		DESIGN	DATE	May 2019-01-07			
				CHECKED	DATE	Rain 2019-01-07			
				APPROVED	DATE	Hongkui.Liu 2019-01-07			

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1. PACKING INTO REEL:



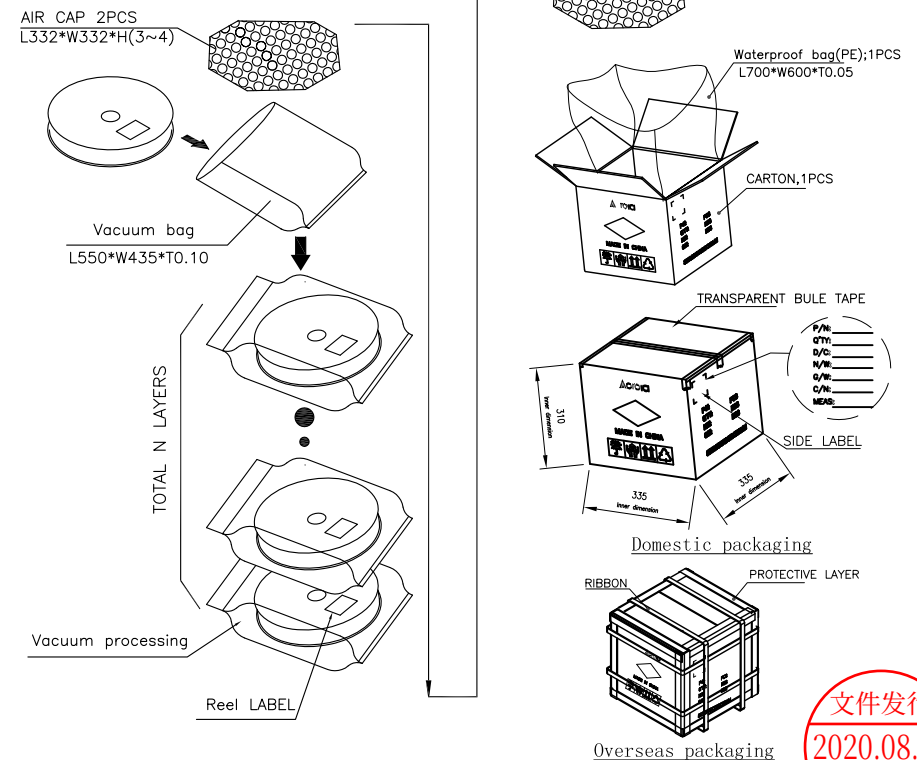
5. QTY LIST:

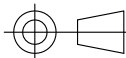
DIM	NO.	10&15pin	20&30pin	40&50pin	60&70pin
A		24.00	32.00	44.00	56.00
B		14.20	28.40	40.40	52.40
N		10	8	6	5
TOTAL(PCS)		9000	7200	5400	4500

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



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X.X	±0.25	X.X °	± 4'	DOC TYP Customer Drw							
X.XX	±0.20	X.XX °	± 3'	DRAWN		DATE	May	2019-01-07	SIZE	PART NUMBER:	REV.
X.XXX	±0.15	X.XXX °	± 2'	DESIGN		DATE	May	2019-01-07			
LINEAR DIMS		ANGLES DIMS		CHECKED		DATE	Rain.Han	2019-01-07	A4	F31S-1A7L1-110**	H
DWG NO.: A-S0127				APPROVED		DATE	Leo.Liu	2019-01-07			
MATERIAL		SEE NOTES									
FINISHED		SEE NOTES									

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