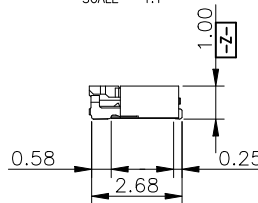
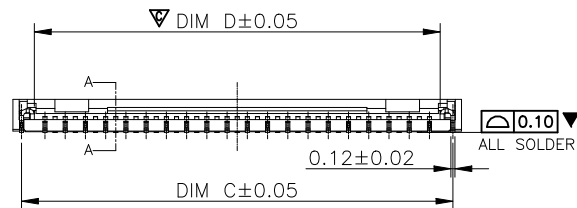
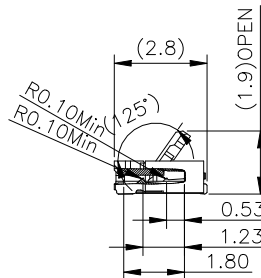
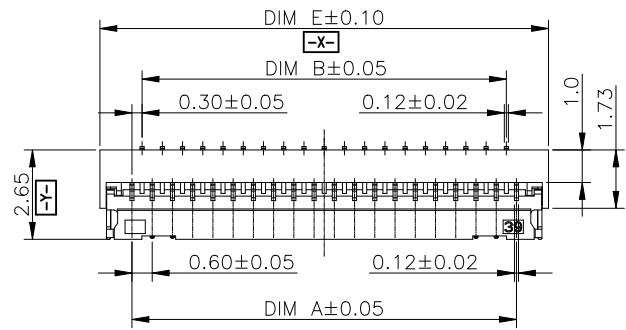


halogen free

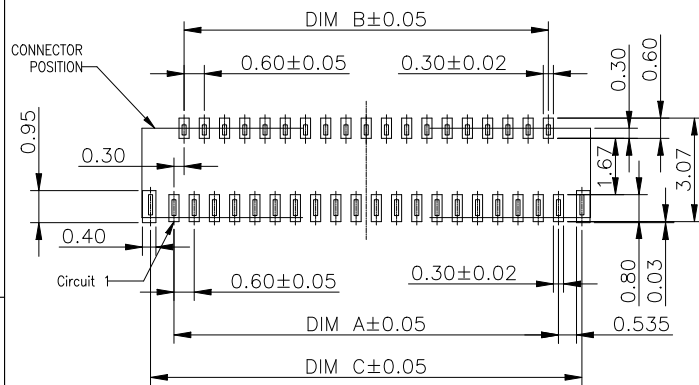
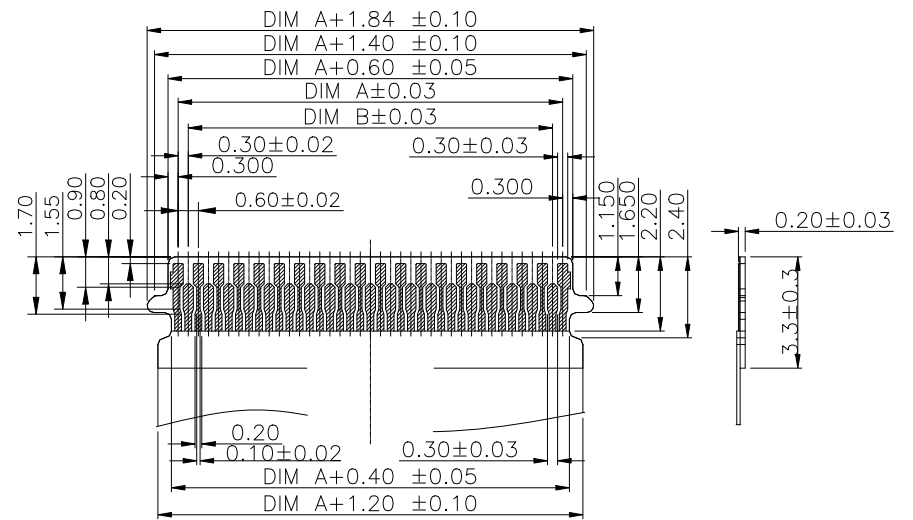
REV.	ECR/ECN No.	DESCRIPTION	DRAWN/DATE	CHECKED/DATE	APPROVED/DATE
A	/	NEW REVISION	May 2020-12-18	SH.Chen 2020-12-18	Rain.Han 2020-12-18

NO.	COMPONENTS	MATERIALS	SPECIFICATION:FINISH/COLOR	QTY.
1	ACTUATOR	GLASS FILLED LCP, UL94V-0	BLACK	1
2	HOUSING	GLASS FILLED LCP, UL94V-0	NATURE	1
3	CONTACT	COPPER ALLOY,T=0.12	0.075um Au min on contact and Gold Flash on Solder AND FOOT UNDERPLATING: 1.25~2.5um NICKEL MIN.	N
4	FITTING NAIL	COPPER ALLOY,T=0.12	Nickel under plating over all (1.25~2.5um Ni) Matte-Tin over all(2~3.75um Sn)	2



- NOTE:
- 1.COMPLIANT TO RoHS 2.0
 - 2."▽" Mark is Critical characteristic dimension
 - 3."▼" Mark is Significant characteristic dimension
 - 4.PART NO. LEGEND:

F13S-1A7H1-E8C**
 NO. OF POSITIONS
 7H:PHOSPHOR BRONZE
 0.075um Au



DIMENSIONS LIST:

CKTS	DIM A	DIM B	DIM C	DIM D	DIM E
11	3.00	2.40	4.39	3.63	4.90
13	3.60	3.00	4.99	4.23	5.50
15	4.20	3.60	5.59	4.83	6.10
17	4.80	4.20	6.19	5.43	6.70
19	5.40	4.80	6.79	6.03	7.30
21	6.00	5.40	7.39	6.63	7.90
23	6.60	6.00	7.99	7.23	8.50
25	7.20	6.60	8.59	7.83	9.10
27	7.80	7.20	9.19	8.43	9.70
29	8.40	7.80	9.79	9.03	10.30
31	9.00	8.40	10.39	9.63	10.90
33	9.60	9.00	10.99	10.23	11.50
35	10.20	9.60	11.59	10.83	12.10
37	10.80	10.20	12.19	11.43	12.70
39	11.40	10.80	12.79	12.03	13.30
41	12.00	11.40	13.39	12.63	13.90
43	12.60	12.00	13.99	13.23	14.50
45	13.20	12.60	14.59	13.83	15.10
47	13.80	13.20	15.19	14.43	15.70
49	14.40	13.80	15.79	15.03	16.30
51	15.00	14.40	16.39	15.63	16.90
53	15.60	15.00	16.99	16.23	17.50
55	16.20	15.60	17.59	16.83	18.10
57	16.80	16.20	18.19	17.43	18.70
59	17.40	16.80	18.79	18.03	19.30
61	18.00	17.40	19.39	18.63	19.90

UNLESS OTHERWISE SPECIFIED TOLERANCES		ANGLE OF PROJECTION	
X.	±0.30	X. °	± 5°
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-S0649		
MATERIAL	SEE NOTES		
FINISHED	SEE NOTES		

Customer Drw	
DRAWN DATE	May 2020-12-18
DESIGN DATE	May 2020-12-18
CHECKED DATE	SH.Chen 2020-12-18
APPROVED DATE	Rain.Han 2020-12-18

Amphenol AORORA
 Amphenol Aorora Technology (Huizhou) Co.,Ltd

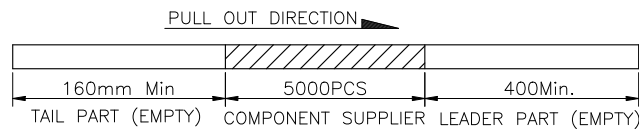
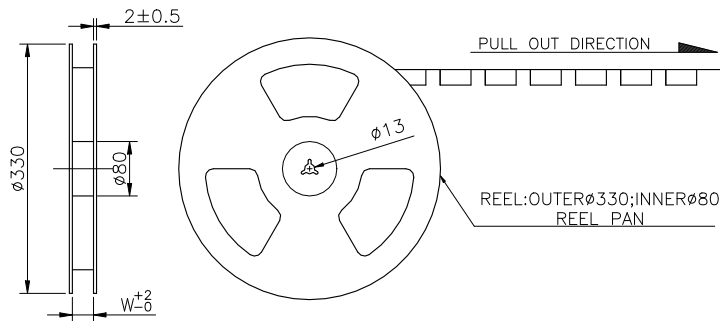
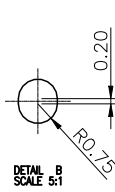
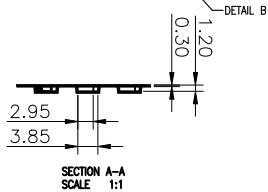
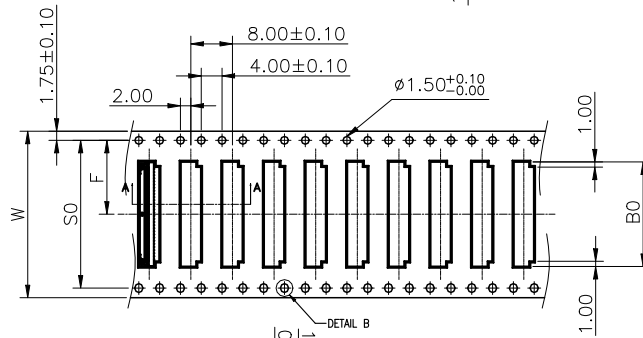
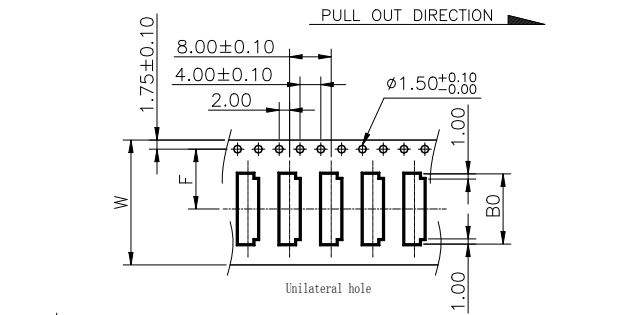
TITLE:
 Assembly Drawing For 0.3 PITCH H1.0 FFC/FPC Front flip SMT R/A TYPE SERIES

SIZE: **A4** PART NUMBER: F13S-1A7H1-E8C** REV. A

SCALE: 1:1 UNIT: mm SHEET 1 OF 2

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1. PACKING INTO REEL:



CKTS	B0±0.10	W	W1	F	N	S0±0.10
11	5.10					
13	5.70					
15	6.30	16.0±0.30	16.4	7.50±0.10	15	
17	6.90					
19	7.50					
21	8.10					
23	8.70					
25	9.30					
27	9.90					
29	10.50					
31	11.10					
33	11.70	24.0±0.30	24.4	11.5±0.10	10	
35	12.30					
37	12.90					
39	13.50					
41	14.10					
43	14.70					
45	15.30					
47	15.90					
49	16.50					
51	14.10					
53	14.70					
55	15.30					
57	15.90	32.0±0.30	32.4	14.2±0.10	8	28.4
59	16.50					
61	20.10					

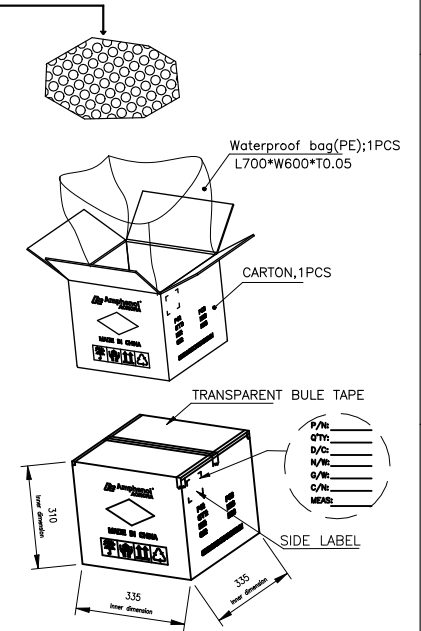
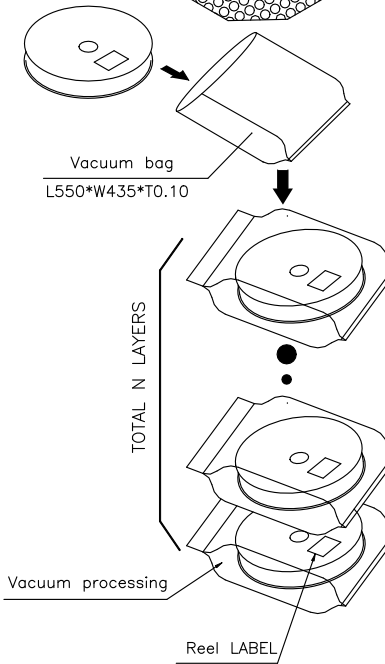
Unilateral hole

NOTES:

- MATERIAL:
 - CARRY TAPE:HIPS,T=0.30mm,CLEAR
 - REEL:HIPS,BLUE.
 - SHIM:PE,CLEAR.
- PRIMARY PACKING:5000PCS/REEL.
- SECONDARY PACKING:"N"REELS/CARTON ("TOTAL"=N*REEL/CARTON).
- PEELING RESISTANCE: 0.1N~0.7N(10~70gf);
PEELING ANGLE: 165°~180°;
PEELING SPEED: 300mm/minutes.

2:PACKING INTO OUTER BOX

AIR CAP 2PCS
L332*W332*H(3~4)



UNLESS OTHERWISE SPECIFIED TOLERANCES			ANGLE OF PROJECTION		 Amphenol Aorora Technology (Huizhou) Co.,Ltd
X.	±0.30	X. *	± 5'		
X.X	±0.25	X.X *	± 4'		
X.XX	±0.20	X.XX *	± 3'	DOC TYPE: Customer Drw	TITLE: Assembly Drawing For 0.3 PITCH H1.0 FFC/FPC Front flip SMT R/A TYPE SERIES
X.XXX	±0.15	X.XXX *	± 2'	DRAWN DATE: May 2020-12-18	SIZE PART NUMBER: A4 F13S-1A7H1-E8C**
LINEAR DIMS		ANGLES DIMS		DESIGN DATE: May 2020-12-18	REV. A
DWG NO.: A-S0649		SEE NOTES		CHECKED DATE: SH.Chen 2020-12-18	
FINISHED		SEE NOTES		APPROVED DATE: Rain.Han 2020-12-18	
SCALE	1:1	UNIT	mm	SHEET	2 OF 2

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