

Halogen free

NOTE:

1. MATERIAL
  - 1) HOUSING/ACTUATOR: THERMOPLASTIC RESIN, UL94V-0, BLACK
  - 2) TERMINAL: COPPER ALLOY, T=0.15
  - 3) LOCK TERMINAL: STAINLESS STEEL, T=0.12
  - 4) GROUND TERMINAL: COPPER ALLOY, T=0.12
2. FINISH
  - 1) TERMINAL: Au FLASH ON ALL OVER Ni UNDER PLATING.
  - 2) LOCK TERMINAL: MATTE TIN IN ALL OVER Ni UNDER PLATING.
  - 3) GROUND TERMINAL: MATTE TIN ON ALL OVER Ni UNDER PLATING.
3. CO-PLANARITY: 0.10 MAX.
4. THICKNESS OF A METAL MASK: 0.1MM
5. FFC/FPC WITH SHIELDED
  - 1) DIFFERENTIAL IMPEDANCE: 100±10Ω @0.33t

6. OTHER
 

THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004
7. PART NO.:

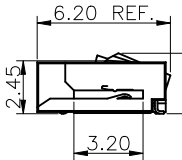
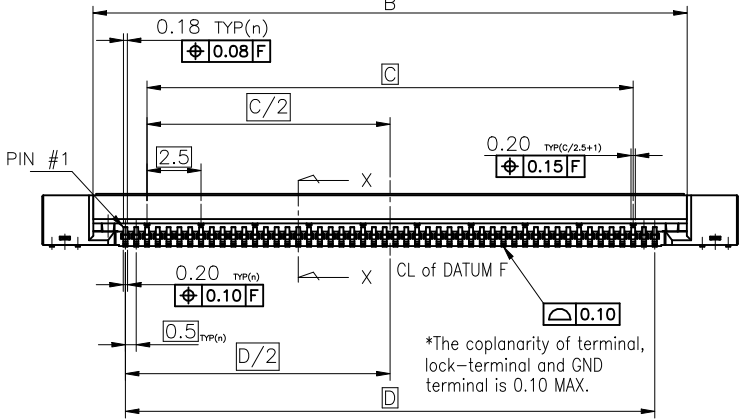
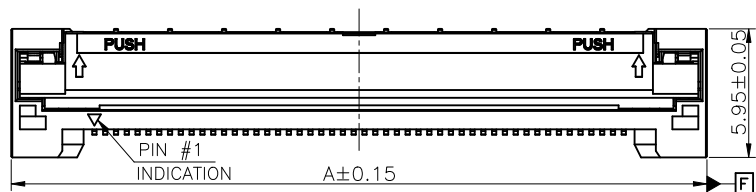
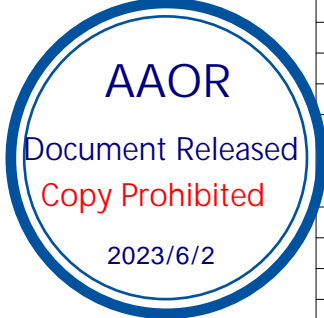
F33M-1B7\*1-210\*\*-E200 (The high-speed version, With convex hull)

NO. OF POSITIONS  
7F: Plating Au 0.08um  
7M: Plating Au 0.75um

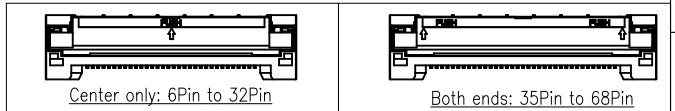
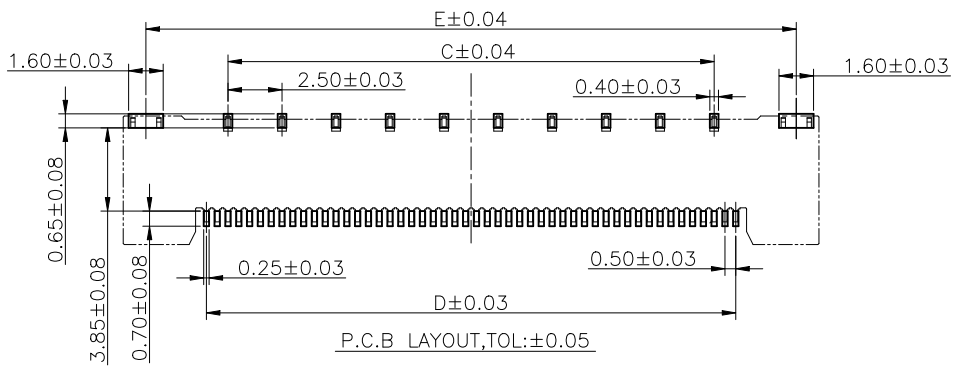
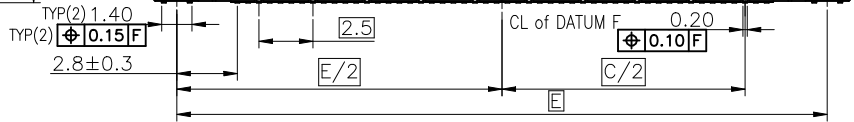
REV.	ECR/ECN No.	DESCRIPTION	DRAWN/DATE	CHECKED/DATE	APPROVED/DATE
B	/	Modified material Description	SH.Chen 2022-11-16	May 2022-11-16	Rain 2022-11-16
C	/	Update the FFC/FPC	May.Wang 2023-05-10	EIeven.Zhan 2023-05-10	Rain.Han 2023-05-10

DIMENSION LIST:

NO. OF POSITIONS	A	B	C	D	E	F	G
06	10.2	5.5	2.5	2.5	8.1	5.44	3.3
08	11.2	6.5	2.5	3.5	9.1	6.44	4.3
09	11.7	7.0	2.5	4.0	9.6	6.94	4.8
10	12.2	7.5	2.5	4.5	10.1	7.44	5.3
12	13.2	8.5	2.5	5.5	11.1	8.44	6.3
14	14.2	9.5	2.5	6.5	12.1	9.44	7.3
16	15.2	10.5	2.5	7.5	13.1	10.44	8.3
20	17.2	12.5	2.5	9.5	15.1	12.44	10.3
22	18.2	13.5	2.5	10.5	16.1	13.44	11.3
24	19.2	14.5	2.5	11.5	17.1	14.44	12.3
26	20.2	15.5	2.5	12.5	18.1	15.44	13.3
30	22.2	17.5	2.5	14.5	20.1	17.44	15.3
32	23.2	18.5	2.5	15.5	21.1	18.44	16.3
35	24.7	20.0	2.5	17.0	22.6	19.94	17.8
40	27.2	22.5	2.5	19.5	25.1	22.44	20.3
41	27.7	23.0	2.5	20.0	25.1	22.94	20.8
50	32.2	27.5	2.5	24.5	30.1	27.44	25.3
60	37.2	32.5	2.5	29.5	35.1	32.44	30.3
65	39.7	35.0	2.5	32.0	37.6	34.94	32.8
68	41.2	36.5	2.5	33.5	39.1	36.44	34.3

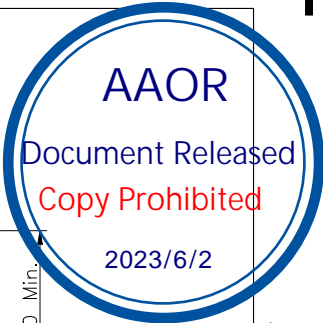


Lock release condition  
2.8 REF.

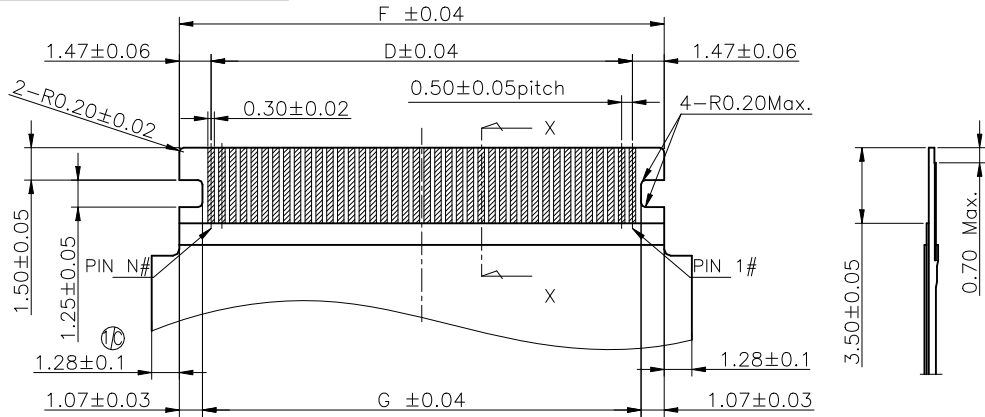


UNLESS OTHERWISE SPECIFIED TOLERANCES		ANGLE OF PROJECTION		Amphenol AORORA	
X.	±0.30	X. °	± 5'	Amphenol Aorora Technology (Huizhou) Co.,Ltd	
X.X	±0.25	X.X °	± 4'		
X.XX	±0.20	X.XX °	± 3'	TITLE: Assembly Drawing For 0.50mm pitch Auto lock conn.	
X.XXX	±0.15	X.XXX °	± 2'	DRAWN DATE: May Wang 2023-05-10	
LINEAR DIMS		ANGLES DIMS		DESIGN DATE: May Wang 2023-05-10	
DWG NO.: A-S0643		APPROVED DATE: Rain Han 2023-05-10		CHECKED DATE: Eieven.Zhan 2023-05-10	
MATERIAL SEE NOTES		FINISHED SEE NOTES		SIZE: A4	
				PART NUMBER: F33M-1B7*1-210**-E200	
				SCALE: 3:1	
				UNIT: mm	
				SHEET 1 OF 3	

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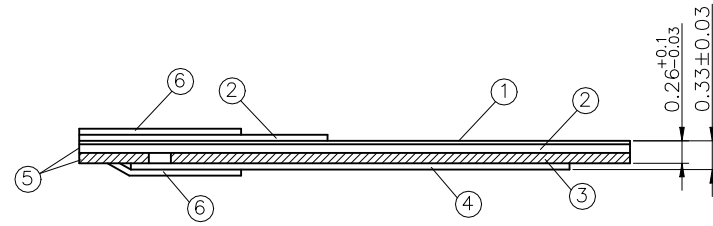
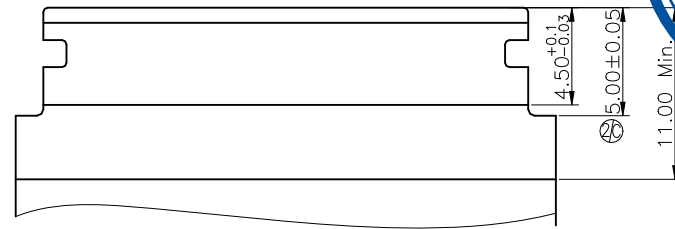


FFC PATTERN DIMENSION

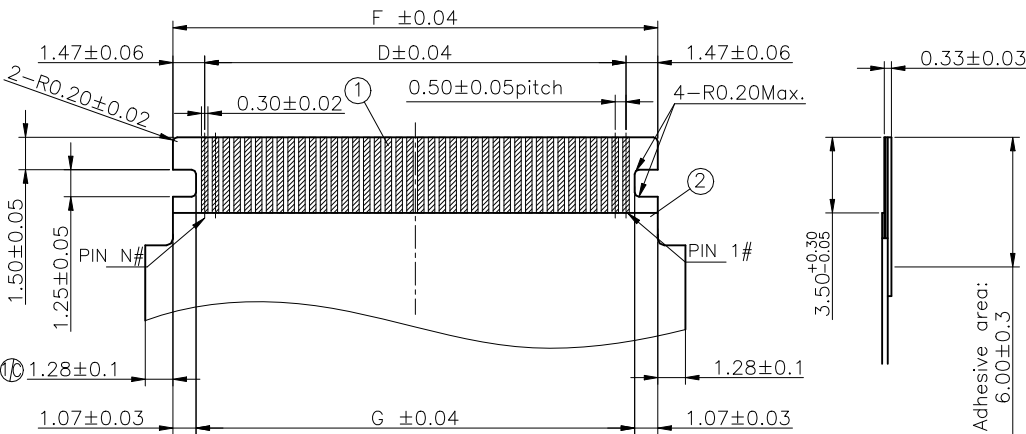


RECOMMENDED FFC TYPE-1 DIMENSION (WITH SHIELDED)

NO	COMPONENT NAME	MATERIAL	FINISH
1	CONDUCTOR	COPPER ALLOY	0.05um Min. Au plating, over 0.5Ni um plating
2	INSULATION FILM	OPTIONAL	
3	STIFFENER BOARD	OPTIONAL	Prohibition of multilayer construction of thin material
4	GROUND PLATE	MATAL FILM	Sn plating
5	Intermediate layer	OPTIONAL	
6	GROUND PLATE	MATAL FILM	

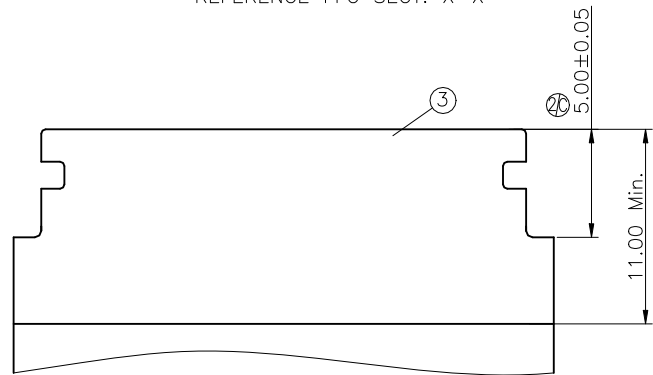


REFERENCE FFC SECT. X-X



RECOMMENDED FFC TYPE-2 DIMENSION

NO	COMPONENT NAME	MATERIAL	FINISH
1	CONDUCTOR	COPPER ALLOY	0.05um Min. Au plating, over 0.5Ni um
2	INSULATION FILM	OPTIONAL	
3	STIFFENER BOARD	OPTIONAL	Prohibition of multilayer construction of thin material



UNLESS OTHERWISE SPECIFIED TOLERANCES		ANGLE OF PROJECTION		 Amphenol Aorora Technology (Huizhou) Co.,Ltd	
X.	±0.30	X. °	± 5'		DOC Customer Drw
X.X	±0.25	X.X °	± 4'		
X.XX	±0.20	X.XX °	± 3'	DRAWN DATE May Wang 2023-05-10	TITLE: Assembly Drawing For 0.50mm pitch Auto lock conn.
X.XXX	±0.15	X.XXX °	± 2'		
LINEAR DIMS		ANGLES DIMS		DESIGN DATE May Wang 2023-05-10	SIZE PART NUMBER: A4 F33M-1B7*1-210**-E200
DWG NO.: A-S0643					
MATERIAL		SEE NOTES		APPROVED DATE Rain Han 2023-05-10	SCALE 3:1 UNIT : mm SHEET 2 OF 3
FINISHED		SEE NOTES			

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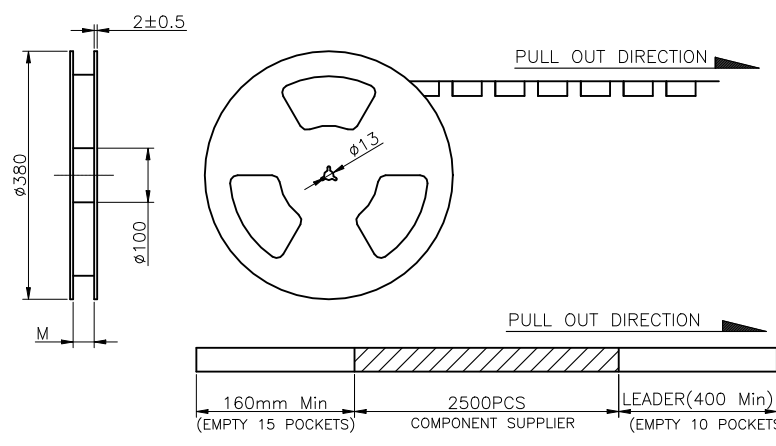
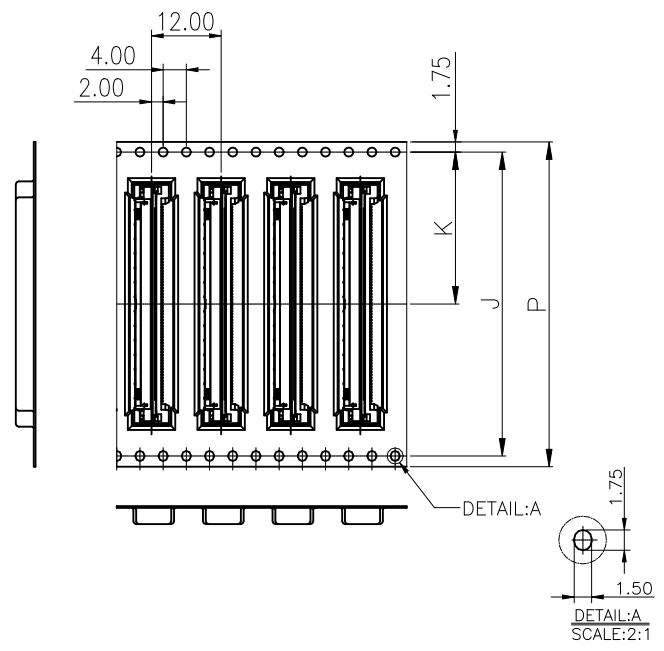
- NOTES:
- MATERIAL:
    - CARRY TAPE:HIPS,T=0.40,CLEAR
    - REEL:HIPS,
    - SHIM:PE,CLEAR.
  - PRIMARY PACKING:2500PCS/REEL.
  - SECONDARY PACKING:SEE PACKING LIST
  - PEELING RESISTANCE: 0.4~1.4N(40~140gf); PEELING ANGLE: 165°~180°; PEELING SPEED: 300mm/minutes.

5. QTY. LIST:

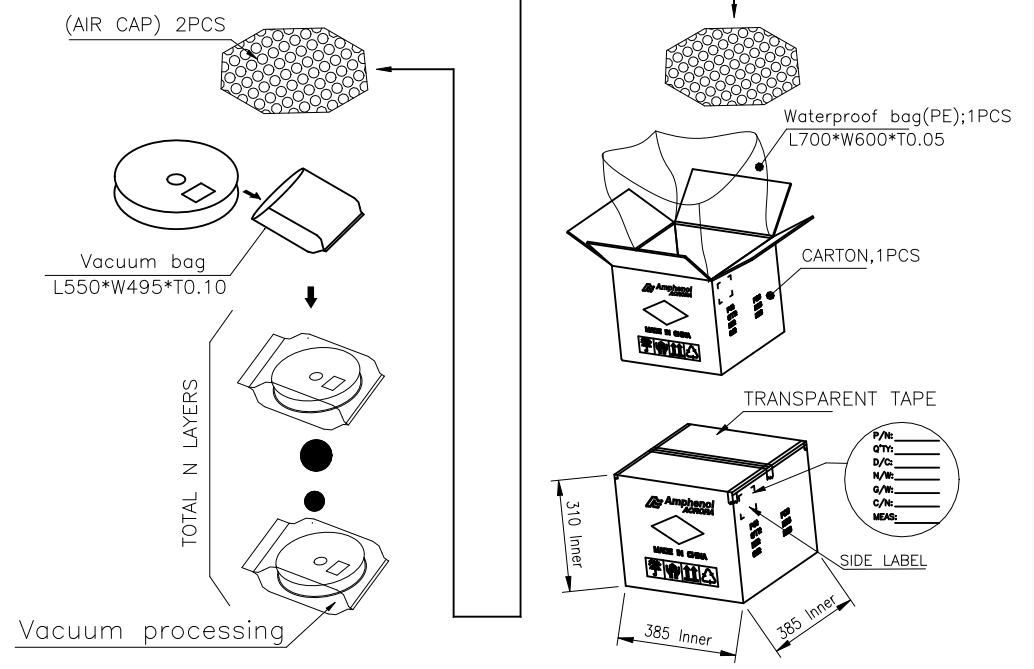
DIM	NO.	6~16pin	20~26pin	30~40pin	50~68pin
P		24.00	32.00	44.00	56.00
J		20.40	28.4	40.40	52.40
K		11.5	14.20	20.2	26.2
L		25.5	33.5	45.5	57.5
N		10	8	6	5
TOTAL(PCS)		25,000	20,000	15,000	12,500

1. PACKING INTO REEL:

PULL OUT DIRECTION



2:PACKING INTO OUTER BOX



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Amphenol  
AORORA

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X.X	±0.25	X.X *	± 4'				
X.XX	±0.20	X.XX *	± 3'	Customer Drw		TITLE: Assembly Drawing For 0.50mm pitch Auto lock conn.	
X.XXX	±0.15	X.XXX *	± 2'	DRAWN	DATE	May Wang	2023-05-10
LINEAR DIMS		ANGLES DIMS		DESIGN	DATE	May Wang	2023-05-10
DWG NO.:	A-S0643			CHECKED	DATE	Eleven.Zhan	2023-05-10
MATERIAL	SEE NOTES			APPROVED	DATE	Rain Han	2023-05-10
FINISHED	SEE NOTES			SCALE		1:1	UNIT : mm
SIZE		PART NUMBER:		SHEET		3 OF 3	
A4		F33M-1B7*1-210**-E200		REV.		C	

单击下面可查看定价，库存，交付和生命周期等信息

[>>Amphenol\(安费诺\)](#)