

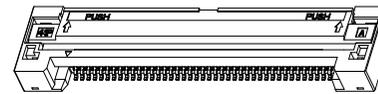
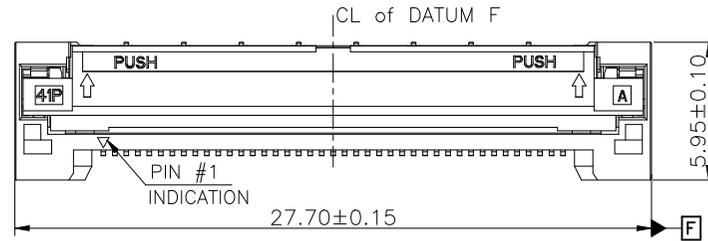
Halogen free

REV.	ECR/ECN No.	DESCRIPTION	DRAWN/DATE	CHECKED/DATE	APPROVED/DATE
A	/	Initial release	May Wang 2024-09-11	Elven.Zhan 2024-09-11	Rain.Han 2024-09-11

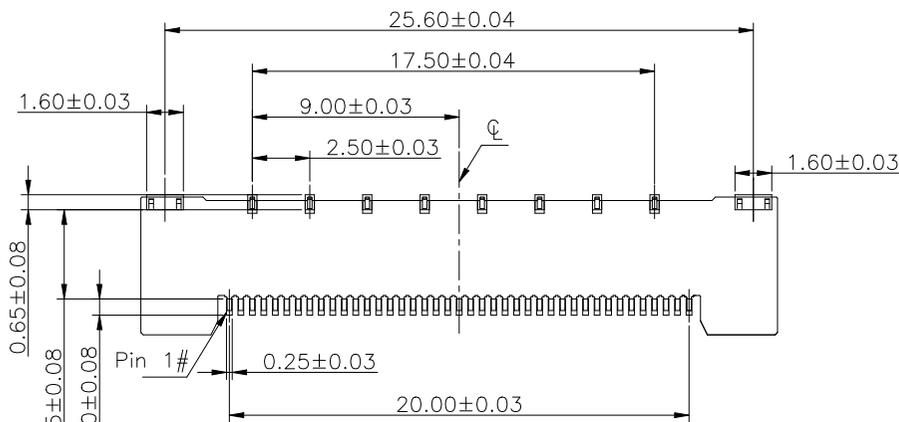
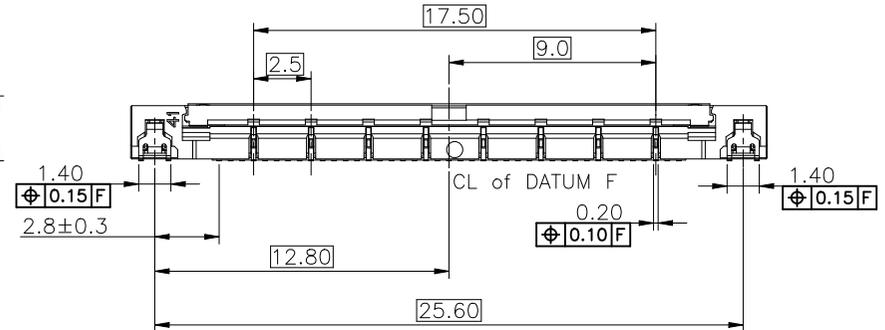
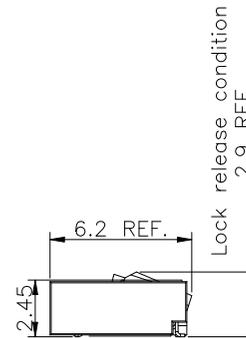
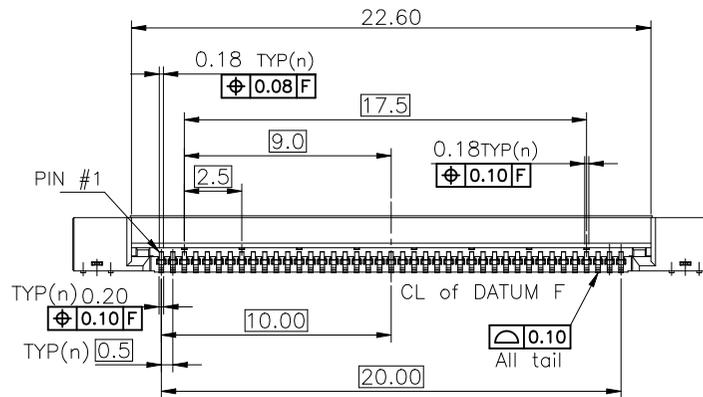
NOTE:

- MATERIAL
 - HOUSING:THERMOPLASTIC RESIN,UL94V-0,Natural
 - ACTUATOR:THERMOPLASTIC RESIN,UL94V-0,Black
 - TERMINAL:COPPER ALLOY,T=0.15
 - LOCK TERMINAL:STAINLESS STEEL,T=0.12
 - GROUND TERMINLA:COPPER ALLOY,T=0.12
- FINISH
 - TERMINAL:Au FLASH ON ALL OVER Ni UNDER PLATING.
 - LOCK TERMINAL:MATTE TIN IN ALL OVER Ni UNDER PLATING.
 - GROUND TERMINAL:MATTE TIN ON ALL OVER Ni UNDER PATING.
- CO-PLANARITY:0.10 MAX.
- THICKNESS OF A METAL MASK:0.1MM
- FFC/FPC WITH SHIELDED
 - DIFFERENTIAL IMPEDANCE:100±10\M+2A35B @0.33t
- OTHER
THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004
- PART NO.: F332-1A**1-E7C41

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



3D VIEW REF.



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 TYP Customer Drw	TITLE: 0.50mm pitch R/A Auto lock Conn. -Assembly
X.XXX	±0.15	X.XXX '	± 2'	DRAWN DATE May Wang 2024-09-11	SIZE PART NUMBER: A4 F332-1A**1-E7C41
LINEAR DIMS		ANGLES DIMS		DESIGN DATE May Wang 2024-09-11	REV. A
DWG NO.:	A-S1023			CHECKED DATE Eleven.Zhan 2024-09-11	
MATERIAL	SEE NOTES			APPROVED DATE Rain Han 2024-09-11	
FINISHED	SEE NOTES			SCALE 3:1	UNIT : mm SHEET 1 OF 4

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Amphenol AORORA

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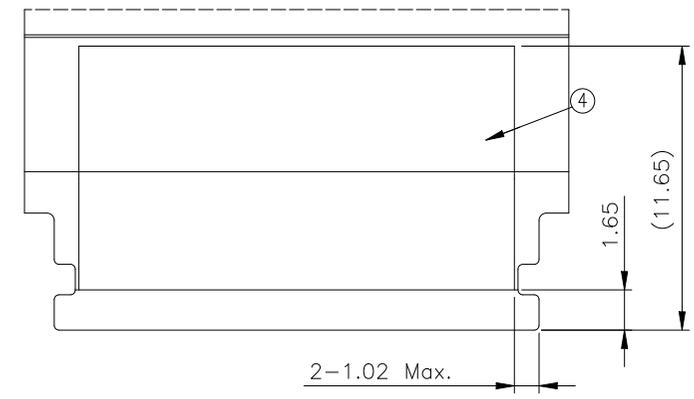
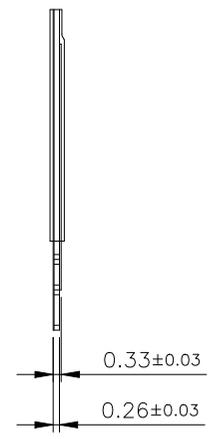
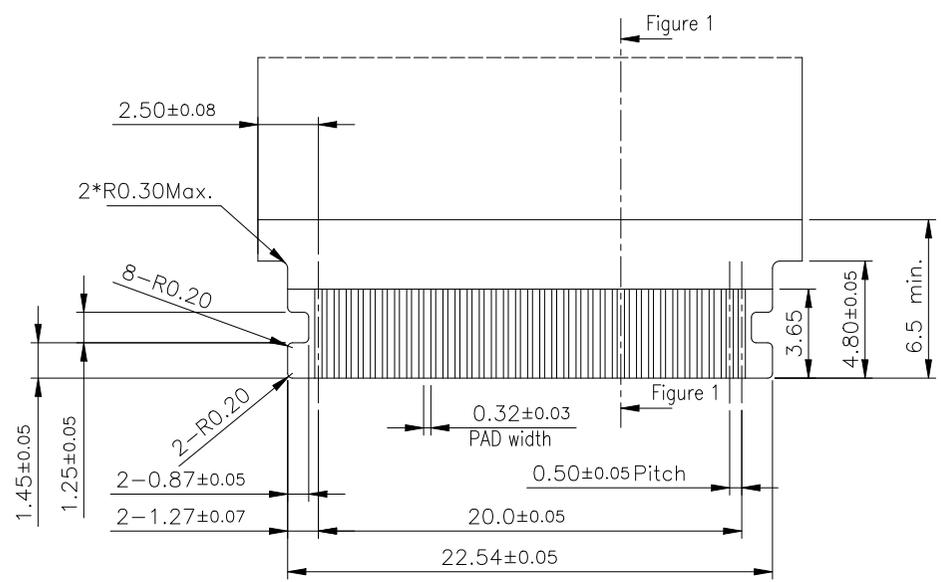
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A

B

A

B

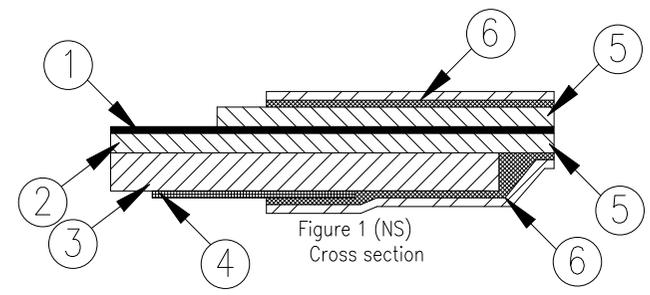


Recommended FPC pattern Layout

Note:
Material

No	Component Name	Material	Finish
①	Conductor	Copper Alloy (35um)	0.05um min. Au plating. Over 0.5um min. Ni plating
②	Insulation Film	Optional	
③	Stiffener Board	Optional	
④	Ground Plate	Metal Film	Sn plating. Over 0.5um min. Ni plating
⑤	Intermediate layer	Optional	
⑥	Shield Tape	Metal Film	With insulating tape

NOTE
1. DIFFERENTIAL IMPEDANCE: 100 ± 10Ω
2. THE DOCUMENT MAY BE CHANGED WITHOUT PRIOR NOTICE



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X.	±0.30	X. °	± 5'			
X.X	±0.25	X.X °	± 4'			
X.XX	±0.20	X.XX °	± 3'	DOC TYP	Customer Drw	
X.XXX	±0.15	X.XXX °	± 2'	DRAWN	DATE	May Wang 2024-09-11
LINEAR DIMS		ANGLES DIMS		DESIGN	DATE	May Wang 2024-09-11
DWG NO.: A-S1023			CHECKED		DATE	Eleven.Zhan 2024-09-11
MATERIAL		SEE NOTES		APPROVED	DATE	Rain Han 2024-09-11
FINISHED		SEE NOTES		SCALE		3:1
SIZE		PART NUMBER:		UNIT : mm		SHEET 2 OF 4
A4		F332-1A**1-E7C41		REV.		A

Amphenol
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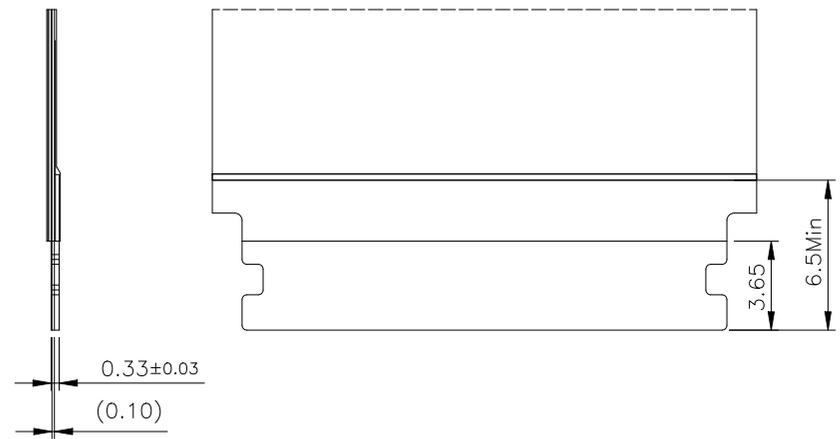
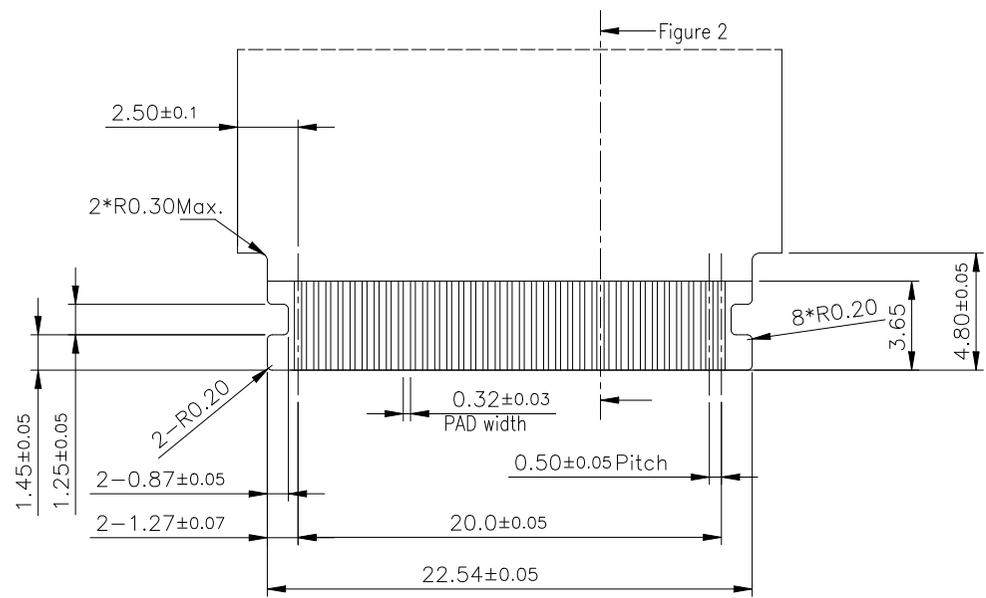
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3

4

D

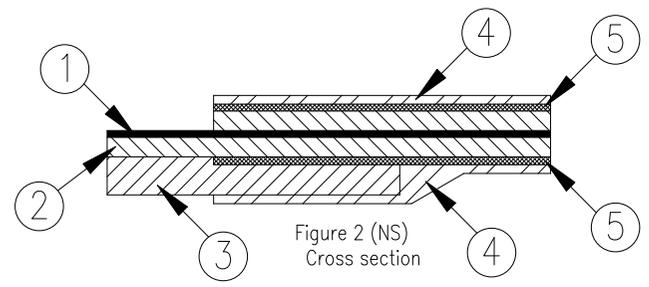
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Recommended FFC/FPC pattern Layout

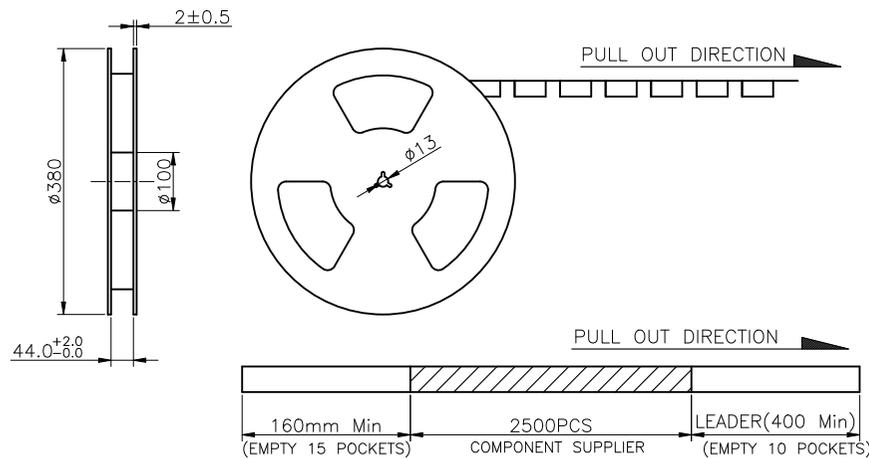
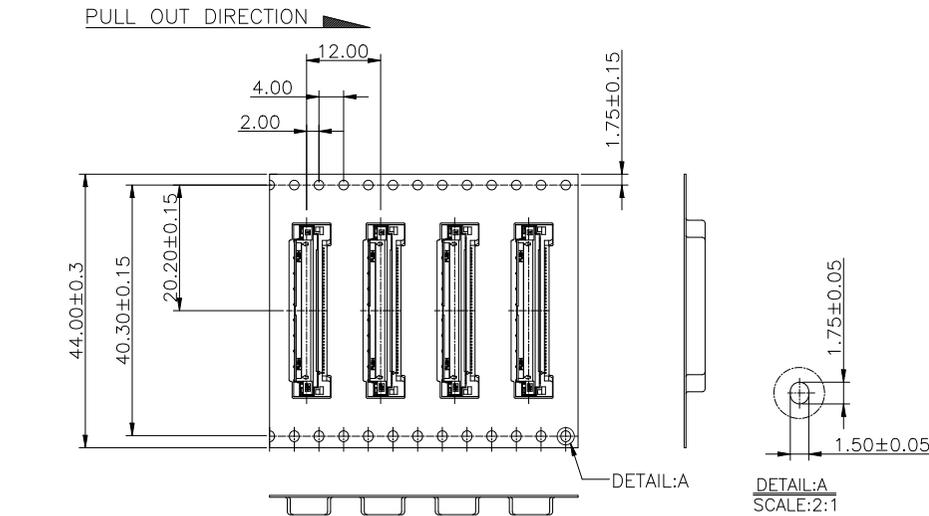
Note:
Material

No	Component Name	Material	Finish
①	Conductor	Copper Alloy (35um)	0.05um min. Au plating. Over 0.5um min. Ni plating
②	Insulation Film	LCP or Optional	
③	Stiffener Board	Optional	
④	Insulation Film	PI or Optional	
⑤	Conductor	Copper Alloy (Optional)	



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X.X	±0.25	X.X '	± 4'	DOC TYP Customer Drw		
X.XX	±0.20	X.XX '	± 3'			
X.XXX	±0.15	X.XXX '	± 2'	DRAWN DATE May Wang 2024-09-11 DESIGN DATE May Wang 2024-09-11 CHECKED DATE Eleven.Zhan 2024-09-11 APPROVED DATE Rain Han 2024-09-11		
LINEAR DIMS		ANGLES DIMS				
DWG NO.: A-S1023				TITLE: 0.50mm pitch R/A Auto lock Conn. -Assembly		
MATERIAL	SEE NOTES					SIZE
FINISHED	SEE NOTES			APPROVED	DATE	REV.
SCALE		3:1		UNIT	mm	SHEET 3 OF 4

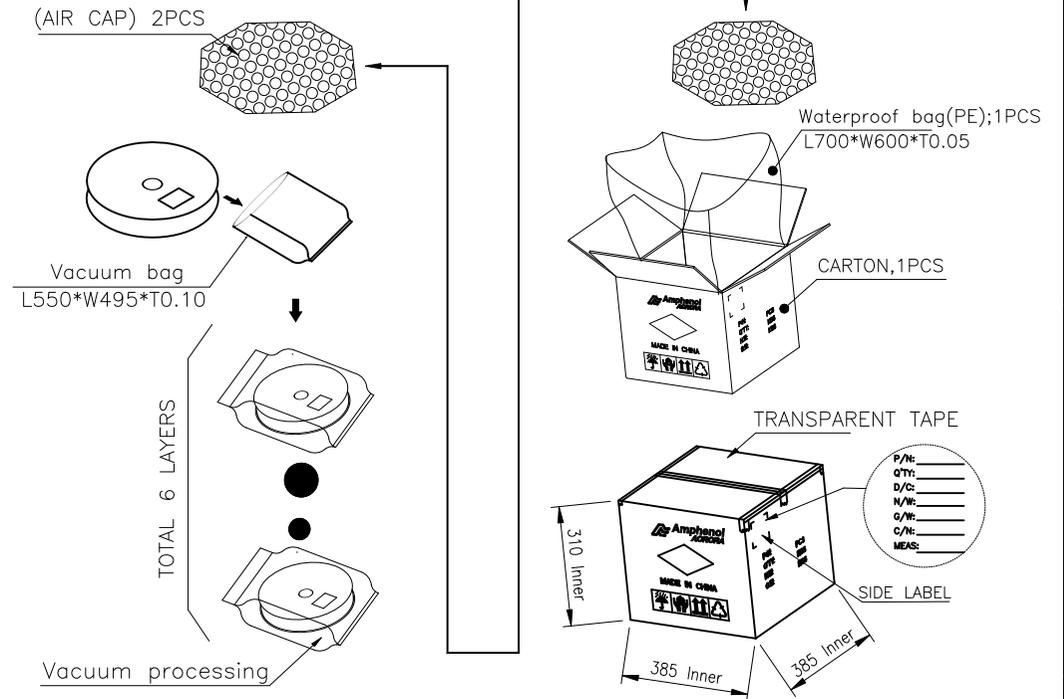
1. PACKING INTO REEL:



NOTES:

- MATERIAL:
 - CARRY TAPE:HIPS,T=0.40,CLEAR
 - REEL:HIPS,
 - SHIM:PE,CLEAR.
- PRIMARY PACKING:2500PCS/REEL.
- SECONDARY PACKING:15000PCS/6REEL/CARTON
- PEELING RESISTANCE: 0.4~1.4N(40~140gf); PEELING ANGLE: 165°~180°; PEELING SPEED: 300mm/minutes.

2:PACKING INTO OUTER BOX



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DWG NO.:	A-S1023		CHECKED	DATE	Eleven.Zhan 2024-09-11	
MATERIAL	SEE NOTES		APPROVED	DATE	Rain Han 2024-09-11	
FINISHED	SEE NOTES				SIZE	PART NUMBER:
				A4		F332-1A**1-E7C41
				SCALE	1:1	UNIT : mm
				SHEET 4		OF 4

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