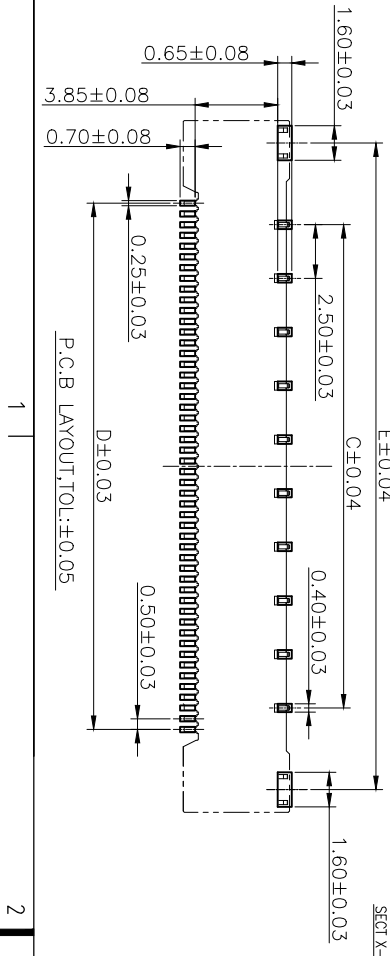
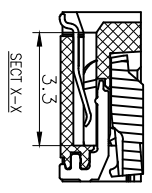
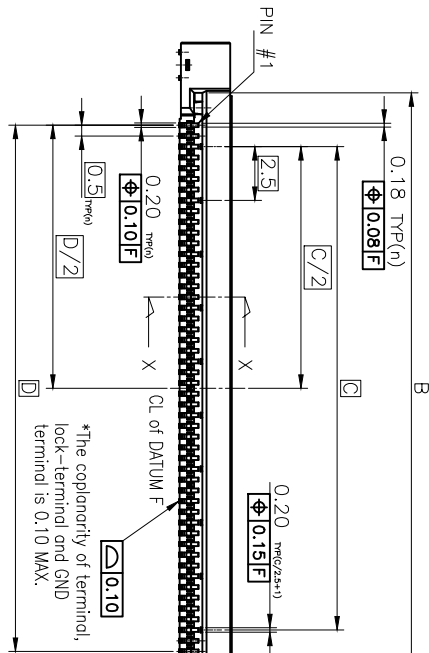
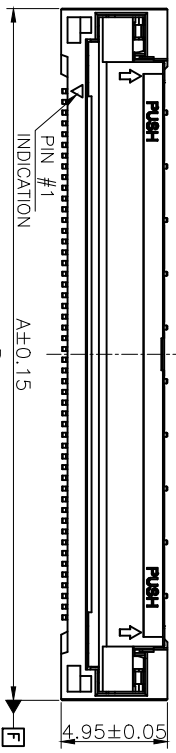


Halogen free

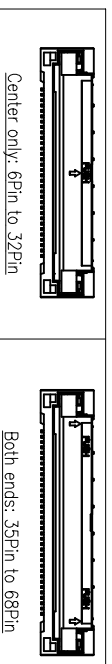
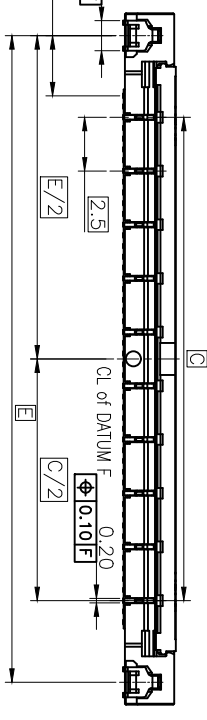
- NOTE:
1. MATERIAL
 - 1) HOUSING/ACTUATOR: THERMOPLASTIC RESIN, UL94V-0, BLACK
 - 2) TERMINAL: COPPER ALLOY, T=0.15
 - 3) LOCK TERMINAL: COPPER ALLOY, T=0.12
 - 4) GROUND TERMINAL: COPPER ALLOY, T=0.12
 2. FINISH
 - 1) TERMINAL: AU FLASH ON ALL OVER NI UNDER PLATING.
 - 2) LOCK TERMINAL: MATTE TIN IN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



REV.	ECR/ECN No.	DESCRIPTION	DRAWN/DATE	CHECKED/DATE	APPROVED/DATE
A	/	New release	MoY 2019-06-10	Rain 2019-06-10	Leo 2019-06-10
B	/	Add plating Part No.	Shunhong Chen 2020-03-03	Rain 2020-03-03	Leo 2020-03-03
C	/	Update the format	Shunhong Chen 2020-06-22	Rain 2020-06-22	Leo 2020-06-22

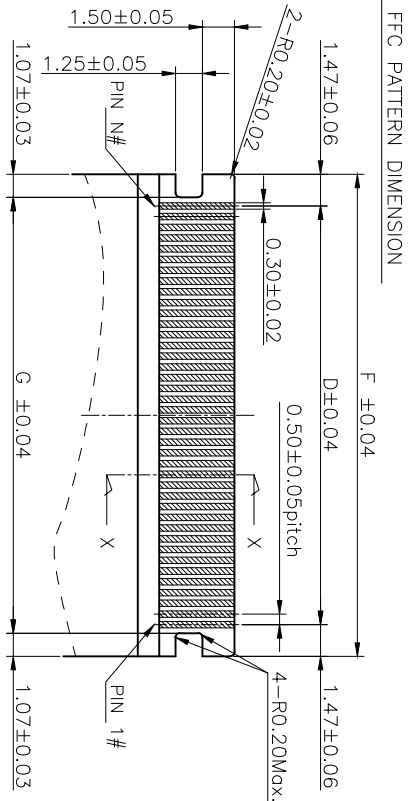
6. OTHER
 - THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004
 - PART NO.: F308-1B7*1-210**-E200 (The high-speed version, with convex hull)
 - NO. OF POSITIONS: 7F: Plating Au 0.08um
 - 7F: Plating Au 0.75um

NO. OF POSITIONS	DIMENSION LIST:						
	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
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



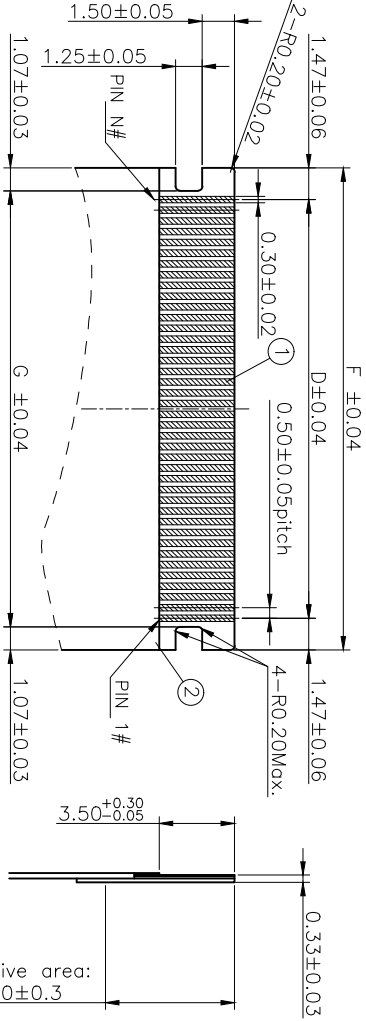
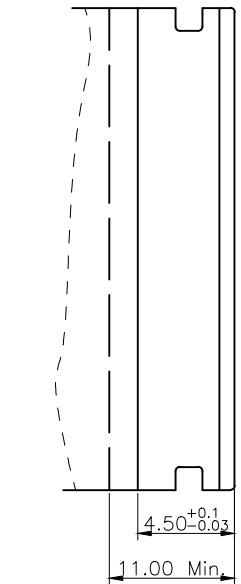
UNLESS OTHERWISE SPECIFIED TOLERANCES		ANGLE OF PROJECTION		TITLE:	
X	±0.30	X . °	± 5°	Customer Drw	Assembly Drawing for 0.50mm pitch Auto lock conn.
X.X	±0.25	X.X °	± 4°	DESIGN DATE	2020-06-22
X.XX	±0.20	X.XX °	± 3°	CHKD DATE	2020-06-22
X.XXX	±0.15	X.XXX °	± 2°	APPROVED DATE	2020-06-22
ANGLES DIMS		ANGLES DIMS		SCALE	3:1
DRAWN		CHKD		SHEET	1 OF 3
DESIGN		CHKD		REV.	C
DATE		DATE		P.C.B LAYOUT: TOL: ±0.05	
2020-06-22		2020-06-22		P.C.B LAYOUT: TOL: ±0.05	
Shunhong Chen		Shunhong Chen		P.C.B LAYOUT: TOL: ±0.05	
Leo		Leo		P.C.B LAYOUT: TOL: ±0.05	





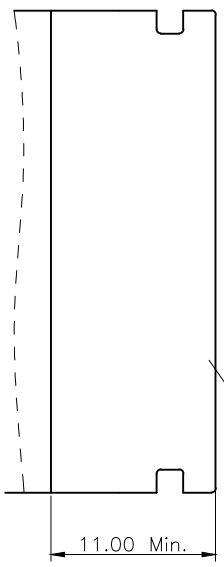
RECOMMENDED FCC TYPE-1 DIMENSION (WITH SHIELDED)

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	MATL. FILM	Prohibition of multilayer construction of thin material
4	GROUND PLATE	MATL. FILM	Sn plating
5	Intermediate layer	OPTIONAL	
6	GROUND PLATE	MATL. FILM	



RECOMMENDED FCC TYPE-2 DIMENSION

Adhesive area: 6.00±0.3



REFERENCE FCC SECT. X-X

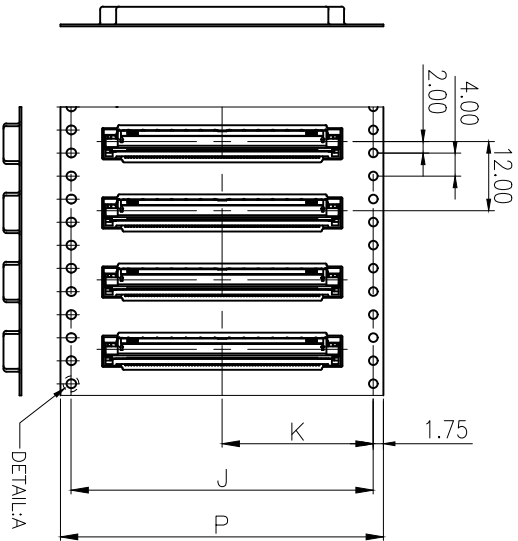
REV.	ECR/ECN No.	DESCRIPTION	DRAWN/DATE	CHECKED/DATE	APPROVED/DATE
A	/	New release	Moy 2019-06-10	Rain 2019-06-10	Leo 2019-06-10
B	/	Add plating Part No.	Shunhong Chen 2020-03-03	Rain 2020-03-03	Leo 2020-03-03
C	/	Update the format	Shunhong Chen 2020-06-22	Rain 2020-06-22	Leo 2020-06-22

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

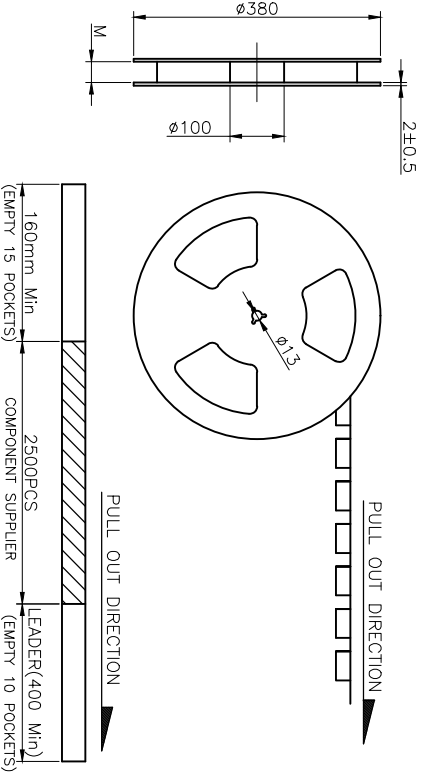
UNLESS OTHERWISE SPECIFIED TOLERANCES		ANGLE OF PROJECTION		TITLE:	
X	±0.30	X · °	± 5°	Amphenol AORORA	
X.X	±0.25	X.X °	± 4°	Amphenol Aorora Technology (Huizhou) Co.,Ltd	
X.XX	±0.20	X.XX °	± 3°	Assembly Drawing for 0.50mm pitch Auto lock conn.	
X.XXX	±0.15	X.XXX °	± 2°		
LINEAR DIMS		ANGLES DIMS		DRAWN	
DATE		DATE		DATE	
DESIGN		DESIGN		DATE	
CHECKED		CHECKED		DATE	
APPROVED		APPROVED		DATE	
DWG NO.:		A-S0551		SCALE	
MATERIAL		SEE NOTES		3:1	
FINISHED		SEE NOTES		UNIT : mm	
				SHEET 2 OF 3	

Aor-QR-0406-A

1. PACKING INTO REEL:
PULL OUT DIRECTION



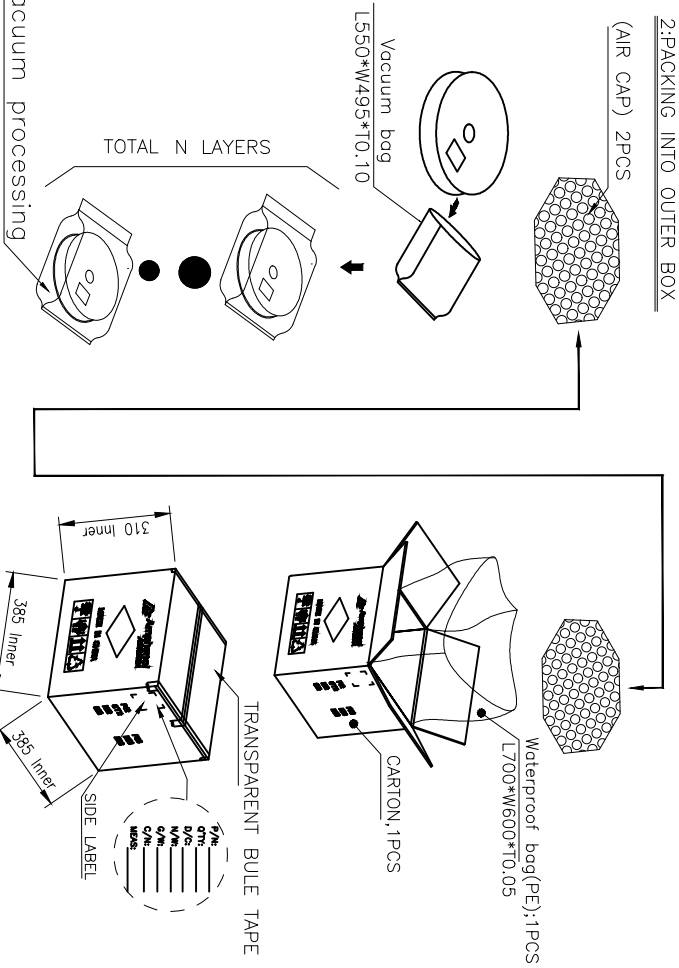
- NOTES:
- MATERIAL:
 - CARRY TAPE:HIPS,T=0.40,CLEAR
 - REEL:HIPS,
 - SHIM:PE,CLEAR,
 - PRIMARY PACKING:1500PCS/REEL.
 - SECONDARY PACKING:SEE PACKING LIST
 - PEELING RESISTANCE: 0.4~1.4N(40~140gf); PEELING ANGLE: 165~180°; PEELING SPEED: 300mm/minutes.



REV.	EGR/EQN No.	DESCRIPTION	DRAWN/DATE	CHECKED/DATE	APPROVED/DATE
A	/	New release	MoY 2019-06-10	Rain 2019-06-10	Leo 2019-06-10
B	/	Add plating Part No.	Shunhong Chen 2020-03-03	Rain 2020-03-03	Leo 2020-03-03
C	/	Update the format	Shunhong Chen 2020-06-22	Rain 2020-06-22	Leo 2020-06-22

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



Vacuum processing

UNLESS OTHERWISE SPECIFIED TOLERANCES

X	±0.30	X .	± 5°
XX	±0.25	XX .	± 4°
XXX	±0.20	XXX .	± 3°
XXXX	±0.15	XXXX .	± 2°

LINEAR DIMS	ANGLES DIMS
±0.15	± 2°

DESIGN	DATE	Customer Drw	TITLE:
Shunhong Chen	2020-06-22	Shunhong Chen	Assembly Drawing for 0.50mm pitch Auto lock com.
Shunhong Chen	2020-06-22		

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

DWG NO.:	DESIGN	DATE	Customer Drw	TITLE:
A-S0551	Shunhong Chen	2020-06-22	Shunhong Chen	Assembly Drawing for 0.50mm pitch Auto lock com.
	Shunhong Chen	2020-06-22		