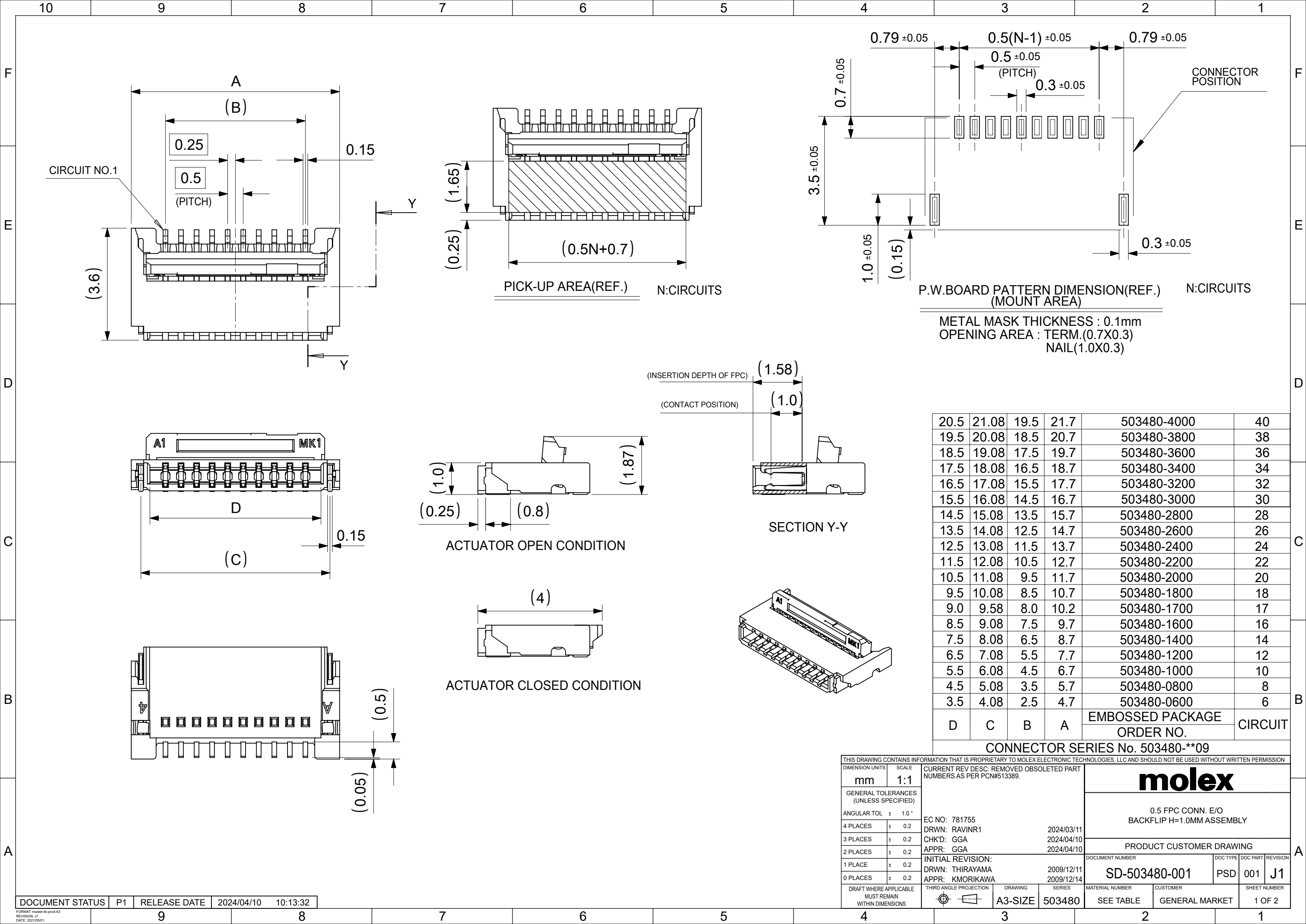




20.5	21.08	19.5	21.7	503480-4000	40
19.5	20.08	18.5	20.7	503480-3800	38
18.5	19.08	17.5	19.7	503480-3600	36
17.5	18.08	16.5	18.7	503480-3400	34
16.5	17.08	15.5	17.7	503480-3200	32
15.5	16.08	14.5	16.7	503480-3000	30
14.5	15.08	13.5	15.7	503480-2800	28
13.5	14.08	12.5	14.7	503480-2600	26
12.5	13.08	11.5	13.7	503480-2400	24
11.5	12.08	10.5	12.7	503480-2200	22
10.5	11.08	9.5	11.7	503480-2000	20
9.5	10.08	8.5	10.7	503480-1800	18
9.0	9.58	8.0	10.2	503480-1700	17
8.5	9.08	7.5	9.7	503480-1600	16
7.5	8.08	6.5	8.7	503480-1400	14
6.5	7.08	5.5	7.7	503480-1200	12
5.5	6.08	4.5	6.7	503480-1000	10
4.5	5.08	3.5	5.7	503480-0800	8
3.5	4.08	2.5	4.7	503480-0600	6
D	C	B	A	EMBOSSED PACKAGE ORDER NO.	CIRCUIT

CONNECTOR SERIES No. 503480-**09

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#513389.				molex					
mm		1:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)				0.5 FPC CONN. E/O BACKFLIP H=1.0MM ASSEMBLY									
ANGULAR TOL ± 1.0 °													
4 PLACES		± 0.2											
3 PLACES		± 0.2											
2 PLACES		± 0.2		PRODUCT CUSTOMER DRAWING									
1 PLACE		± 0.2											
0 PLACES		± 0.2		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				INITIAL REVISION:		SD-503480-001		PSD		001 J1			
				DRWN: THIRAYAMA APPR: KMORIKAWA		2009/12/11 2009/12/14							
THIRD ANGLE PROJECTION				DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				A3-SIZE		503480		SEE TABLE		GENERAL MARKET		1 OF 2	

molex			
0.5 FPC CONN. E/O BACKFLIP H=1.0MM ASSEMBLY			
PRODUCT CUSTOMER DRAWING			
DOCUMENT NUMBER		DOC TYPE	DOC PART
SD-503480-001		PSD	001
REVISION		J1	

DOCUMENT STATUS	P1	RELEASE DATE	2024/04/10	10:13:32
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FORMAT: master-b-prod-A3
REVISION: J1
DATE: 2021/05/01

1. PART COMPOSITION

TERMINAL MATERIAL:PHOSPOHR BRONZE

ACTUATOR MATERIAL : POLYAMIDE(PA), GLASS FILLED,
UL94 HB, BLACK

NAIL MATERIAL:PHOSPOHR BRONZE

SOLDER TAIL AREA : TIN OVERALL(1.0 MICROMETER MINIMUM)
UNDERPLATE : NICKEL OVERALL(1.0 MICROMETER MINIMUM)

2 . PLEASE DO NOT OPERATE THE ACTUATOR BEFORE MOUNTING.

3. PLEASE OPERATE THE ACTUATOR AFTER INSERTING THE FPC INTO THE CONNECTOR.

4. ABOUT FPC
RECOMMENDED STIFFENER MATERIAL: POLYIMIDE
RECOMMENDED BASE FILM THICKNESS: 25 MICROMETER
RECOMMENDED ADHESIVE: THERMOSETTING ADHESIVE
NOTE: PLEASE PUT APPROPRIATE AMOUNT OF ADHESIVE
ON ADHEREND BECAUSE THERE IS A
POSSIBILITY THAT THE EXTRA ADHESIVE CAUSES
THE DEFECT IN ELECTRICAL CONTINUITY.

RECOMMENDED PUNCHER DIRECTION:
FROM CONDUCTOR SIDE TO STIFFENER FILM SIDE.
RECOMMENDED CONDUCTOR SPECIFICATION:
THICKNESS OF SOFT COPPER FOIL: 35MICROMETER

5 R0.3 MUST NOT BE OVERLAPPED TO PATTERN OF FPC.

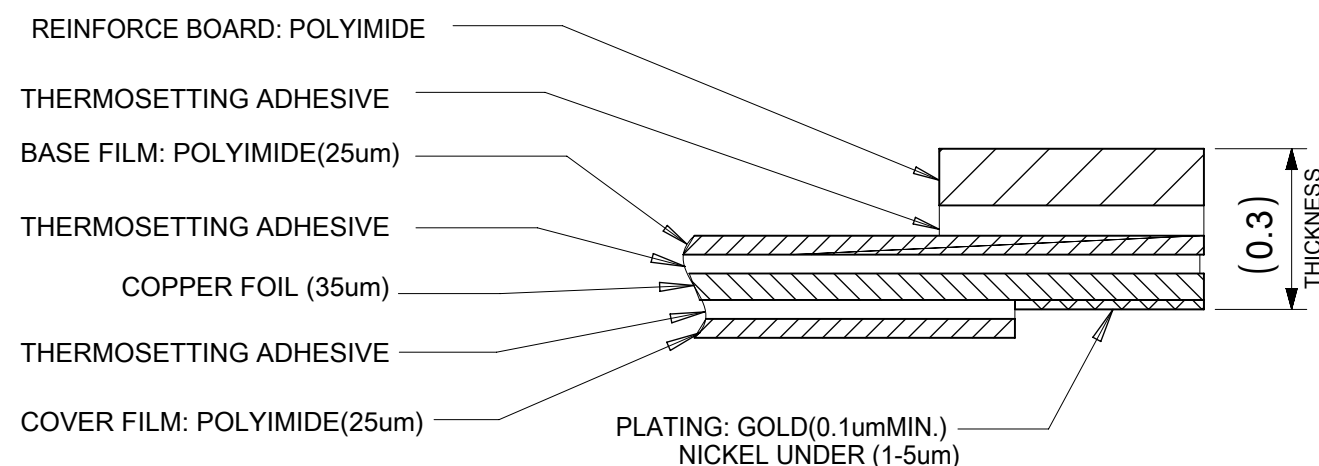
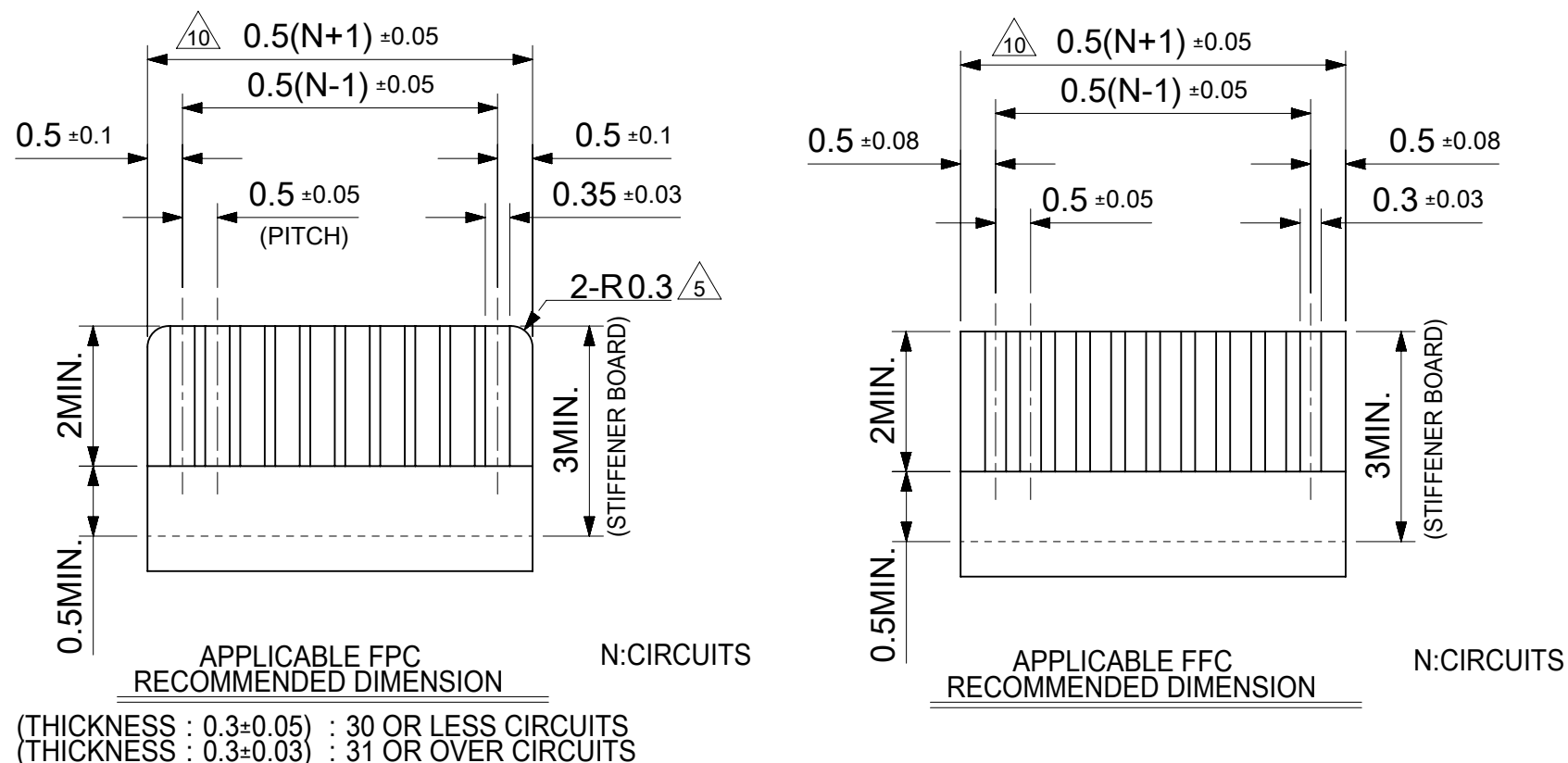
6. COPLANARITY : 0.1 MAXIMUM

7. PLEASE RECOGNIZE A POSSIBILITY TO CHANGE THE SHAPE OF THE PART THAT DOES NOT OBSTRUCT A FUNCTION, BY CIRCUMSTANCES IN OUR PRODUCTION.

8. THIS PRODUCT IS DELIVERED WITH THE ACTUATOR IN THE OPEN POSITION.

9. THIS PRODUCT IS DUAL-CONTACT
(TOP- AND BOTTOM-CONTACTS) TYPE CONNECTOR.

10 PLEASE CONFIRM TO INSERT FPC IN ADVANCE WHEN FPC WIDTH IS OVER $0.5(N+1)+0.02$.



STRUCTURE OF FPC

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DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN#513389.				molex					
mm		1:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)													
ANGULAR TOL		± 1.0 °											
4 PLACES		± 0.2						EC NO: 781755 DRWN: RAVINR1 2024/03/11 CHK'D: GGA 2024/04/10 APPR: GGA 2024/04/10				0.5 FPC CONN. E/O BACKFLIP H=1.0MM ASSEMBLY	
3 PLACES		± 0.2											
2 PLACES		± 0.2											
1 PLACE		± 0.2		INITIAL REVISION: DRWN: THIRAYAMA 2009/12/11 APPR: KMORIKAWA 2009/12/14				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
0 PLACES		± 0.2						SD-503480-001		PSD	001	J1	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	SHEET NUMBER
						A3-SIZE		503480		SEE TABLE		GENERAL MARKET	

