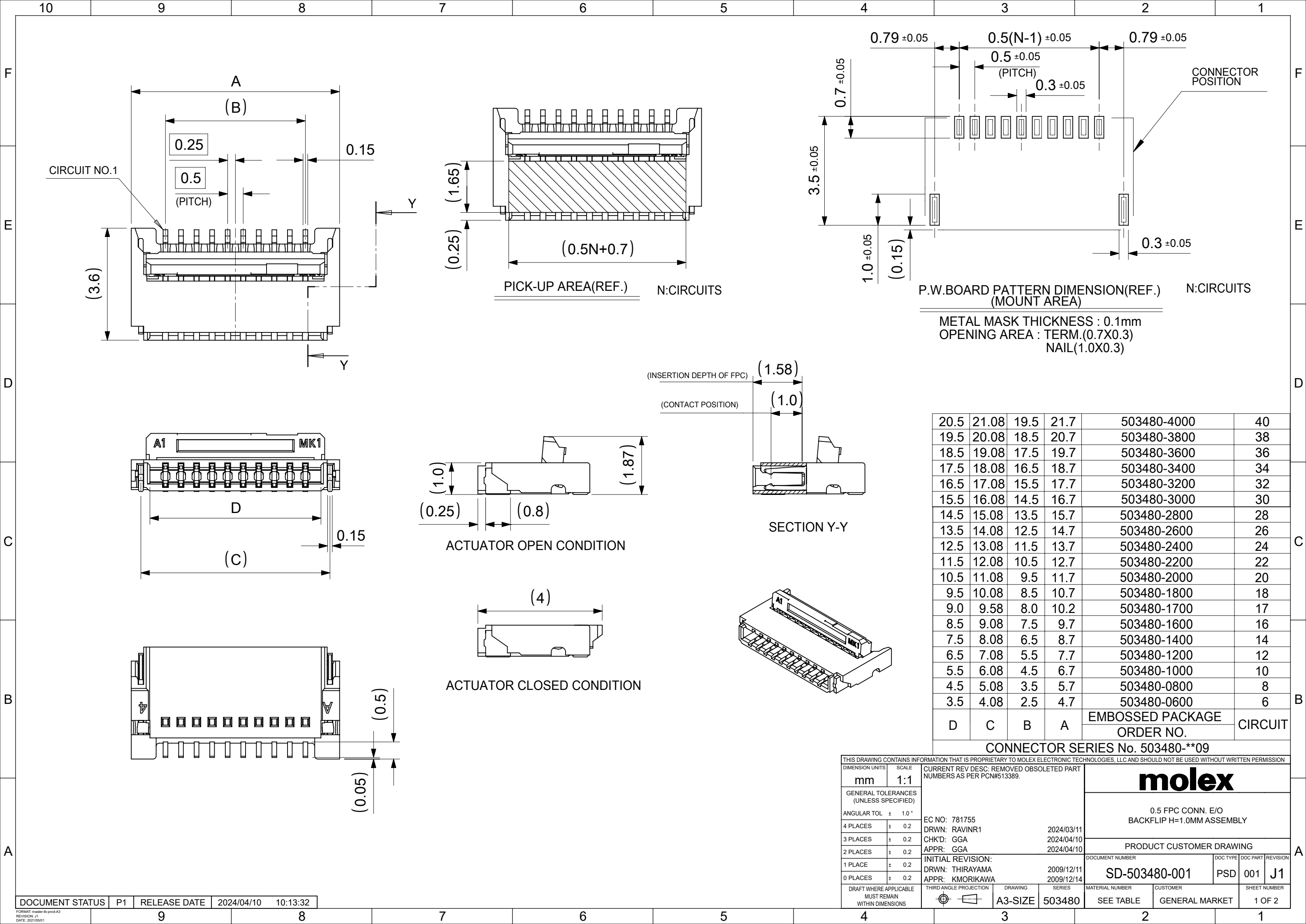




NOTES

1. PART COMPOSITION

HOUSING MATERIAL:LIQUID CRYSTAL POLYMER(LCP),
GLASS FILLED, UL94V-0, NATURAL(WHITE)

TERMINAL MATERIAL:PHOSPOHR BRONZE

CONTACT AREA : SEPARATED GOLD PLATING
(0.1 MICROMETER MINIMUM)
SOLDER TAIL AREA : SEPARATED GOLD PLATING
UNDERPLATE : NICKEL OVERALL
(1.0 MICROMETER MINIMUM)

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.

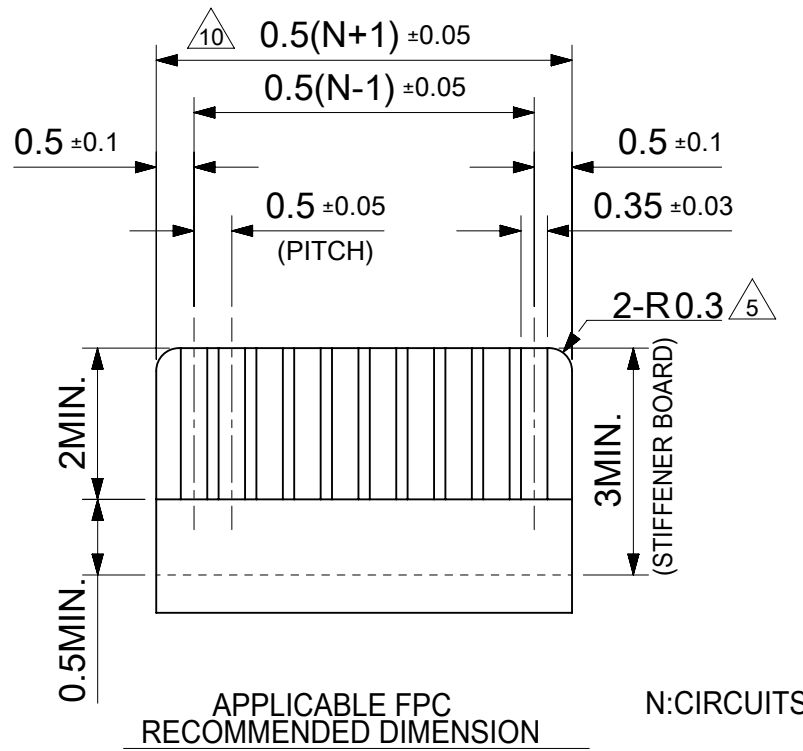
6. COPLANARITY : 0.1 MAXIMUM

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

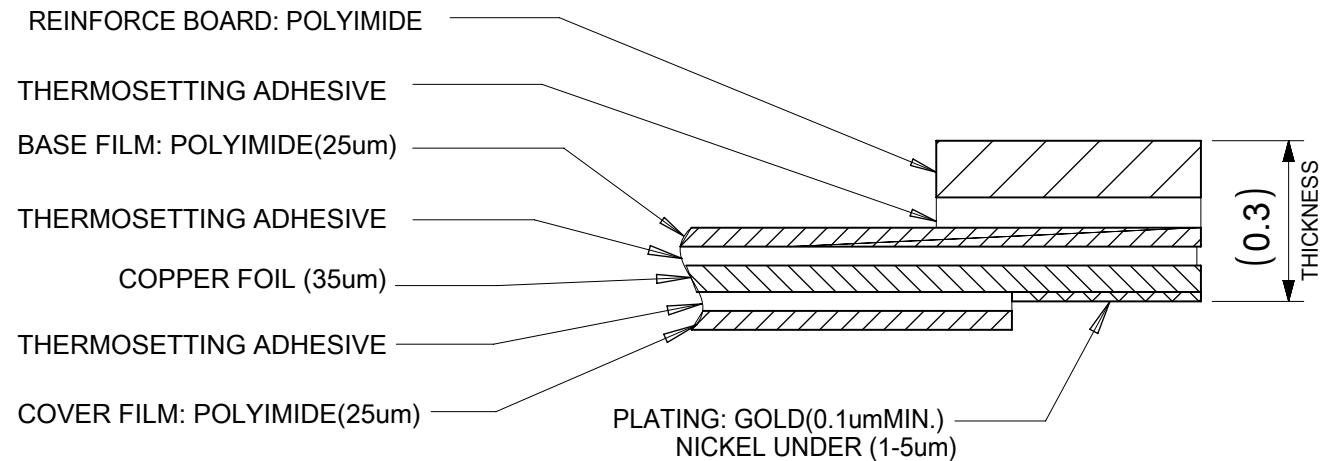
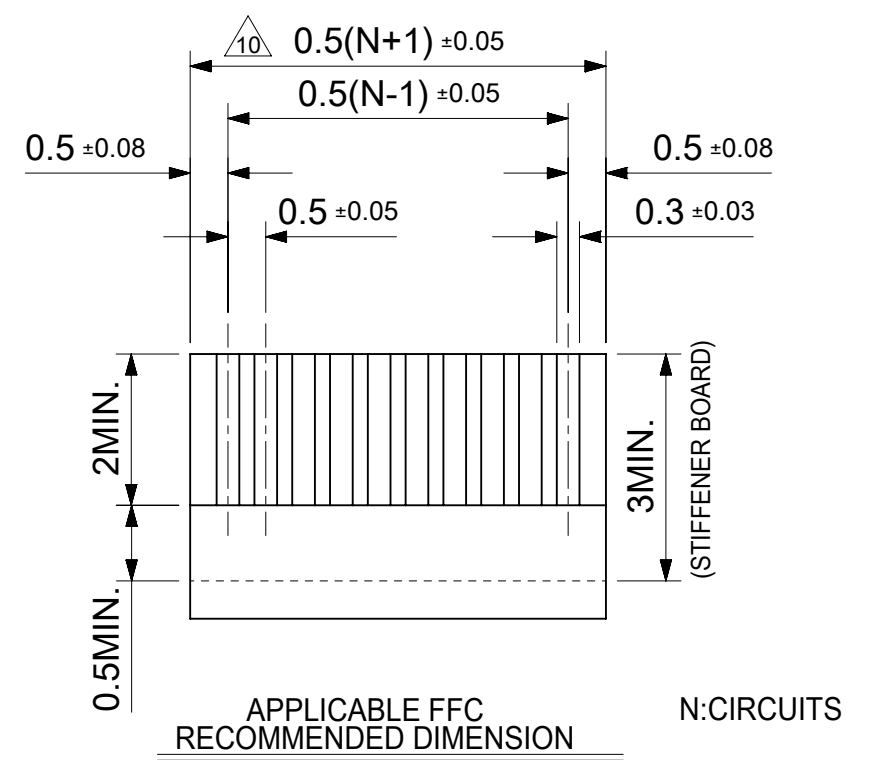
8. THIS PRODUCT IS DELIVERED WITH THE ACTUATOR
IN THE OPEN POSITION.

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.



(THICKNESS : 0.3±0.05) : 30 OR LESS CIRCUITS
(THICKNESS : 0.3±0.03) : 31 OR OVER CIRCUITS



STRUCTURE OF FPC

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.															
mm		1:1																	
GENERAL TOLERANCES (UNLESS SPECIFIED)				molex 0.5 FPC CONN. E/O BACKFLIP H=1.0MM ASSEMBLY PRODUCT CUSTOMER DRAWING <table><tr><td colspan="2">DOCUMENT NUMBER</td><td>DOC TYPE</td><td>DOC PART</td><td>REVISION</td></tr><tr><td colspan="2">SD-503480-001</td><td>PSD</td><td>001</td><td>J1</td></tr></table>						DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	SD-503480-001		PSD	001	J1
DOCUMENT NUMBER		DOC TYPE	DOC PART							REVISION									
SD-503480-001		PSD	001							J1									
ANGULAR TOL ± 1.0°																			
4 PLACES		± 0.2																	
3 PLACES		± 0.2																	
2 PLACES		± 0.2																	
1 PLACE		± 0.2																	
0 PLACES		± 0.2																	
EC NO: 781755				2024/03/11															
DRWN: RAVINR1																			
CHK'D: GGA																			
APPR: GGA				2024/04/10															
INITIAL REVISION:				2024/04/10															
DRWN: THIRAYAMA				2009/12/11															
APPR: KMORIKAWA				2009/12/14															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER									
				A3-SIZE		503480		SEE TABLE	GENERAL MARKET	2 OF 2									

DOCUMENT STATUS	P1	RELEASE DATE	2024/04/10	10:13:32
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