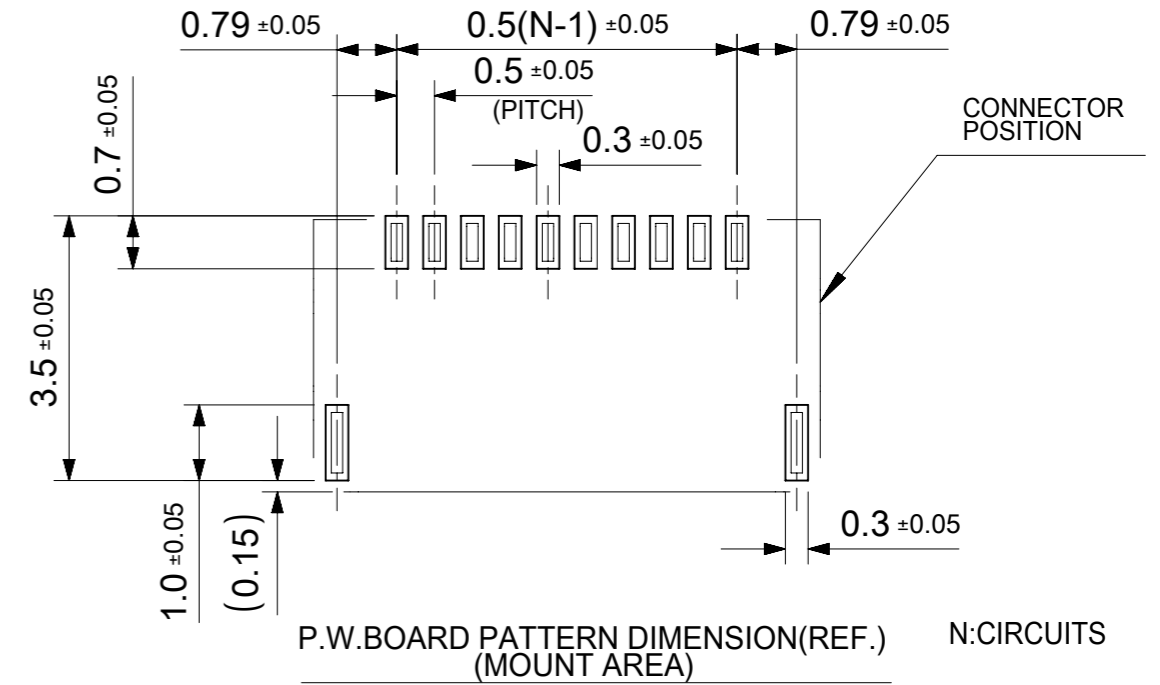
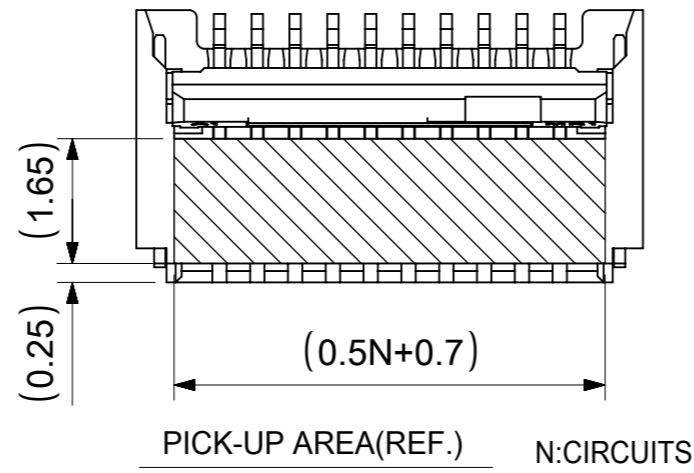
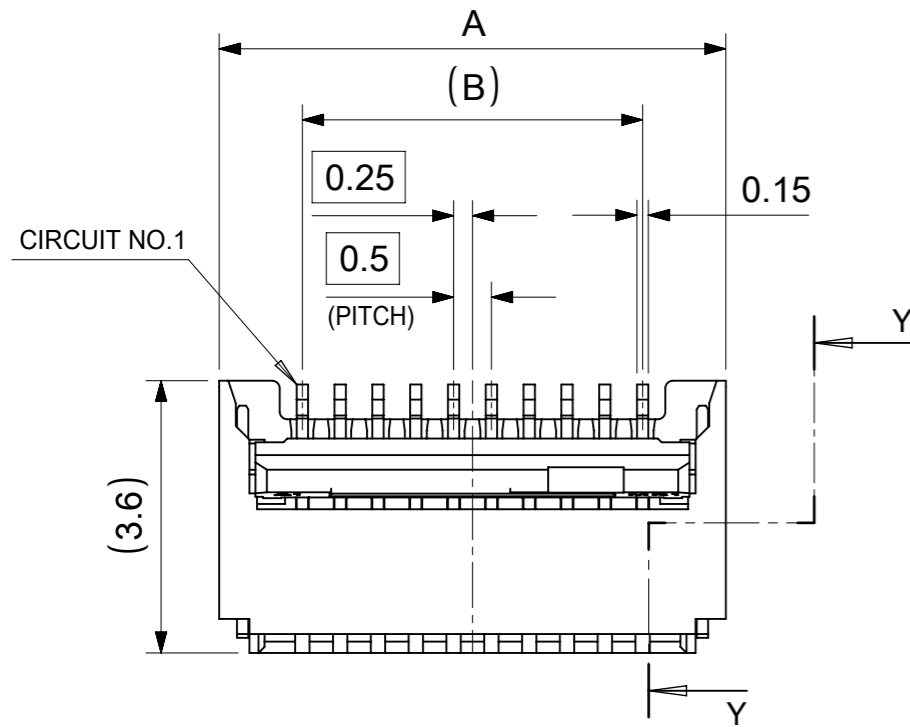
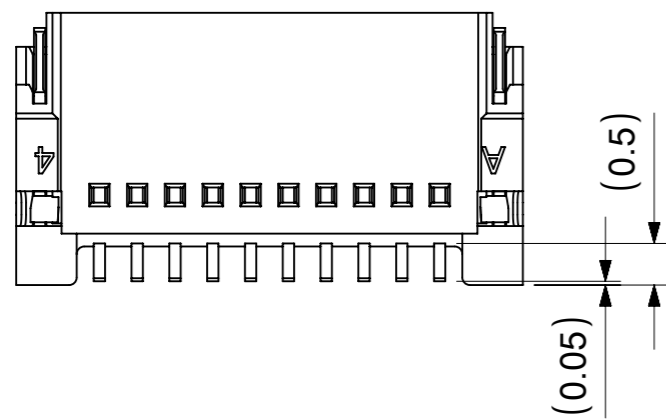
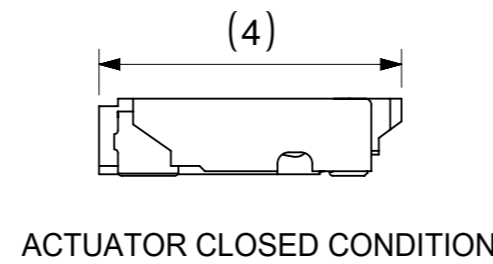
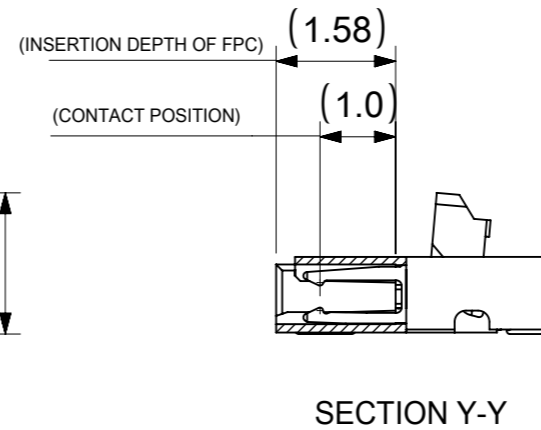
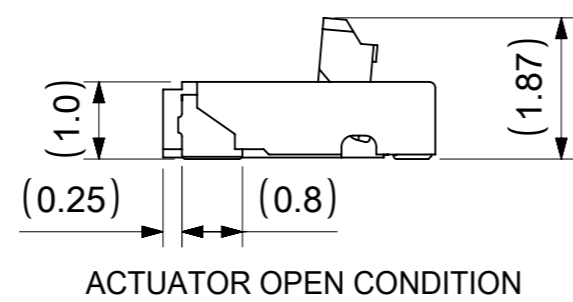
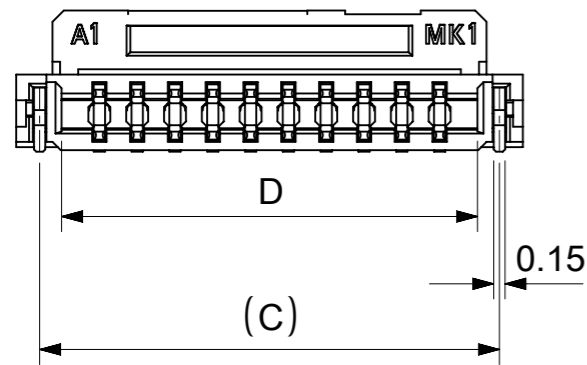


CIRCUIT NO.1



METAL MASK THICKNESS : 0.1mm
 OPENING AREA : TERM.(0.7X0.3)
 NAIL(1.0X0.3)



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
3.0	3.58	2.0	4.2	503480-0500	5
2.5	3.08	1.5	3.7	503480-0400	4
D	C	B	A	EMBOSSED PACKAGE ORDER NO.	CIRCUIT

CONNECTOR SERIES No. 503480-**09

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	CURRENT REV DESC:		molex			
	DIMENSION UNITS: mm SCALE: 10:1 GENERAL TOLERANCES (UNLESS SPECIFIED): ANGULAR TOL ± 1.0° 4 PLACES ± 0.2 3 PLACES ± 0.2 2 PLACES ± 0.2 1 PLACE ± 0.2 0 PLACES ± 0.2 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	EC NO: 676145 DRWN: ICYANG CHK'D: SHCHU APPR: SHCHU INITIAL REVISION: DRWN: THIRAYAMA APPR: KMORIKAWA	2021/07/21 2021/09/02 2021/09/02 2009/12/11 2009/12/14		0.5 FPC CONN. E/O BACKFLIP H=1.0MM ASSEMBLY PRODUCT CUSTOMER DRAWING		
DIVISIONAL SYMBOLS	THIRD ANGLE PROJECTION	DRAWING	SERIES	DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
		A3-SIZE	503480	SD-503480-001	PSD	001	H2
				SEE TABLE	GENERAL MARKET		SHEET NUMBER 1 OF 2

NOTES

1. PART COMPOSITION

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

TERMINAL MATERIAL: PHOSPHOR 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: PHOSPHOR 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.

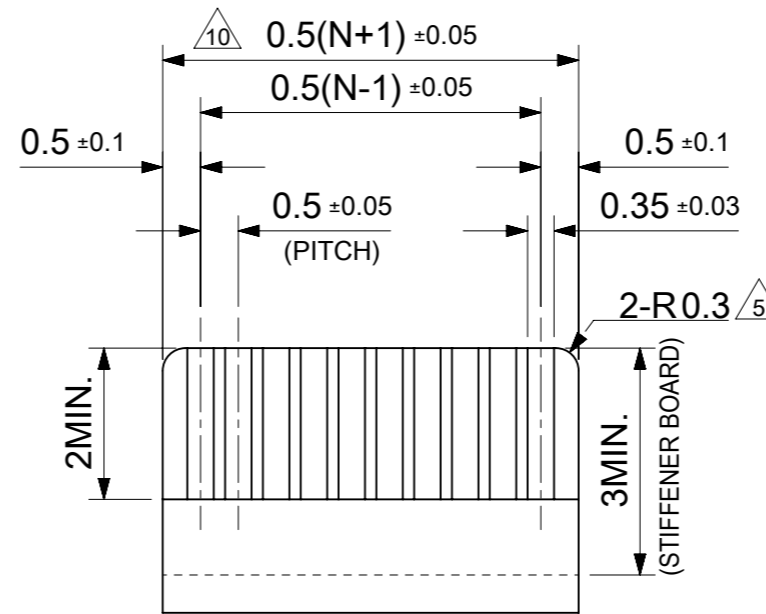
6. COPLANARITY : 0.1 MAXIMUM

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

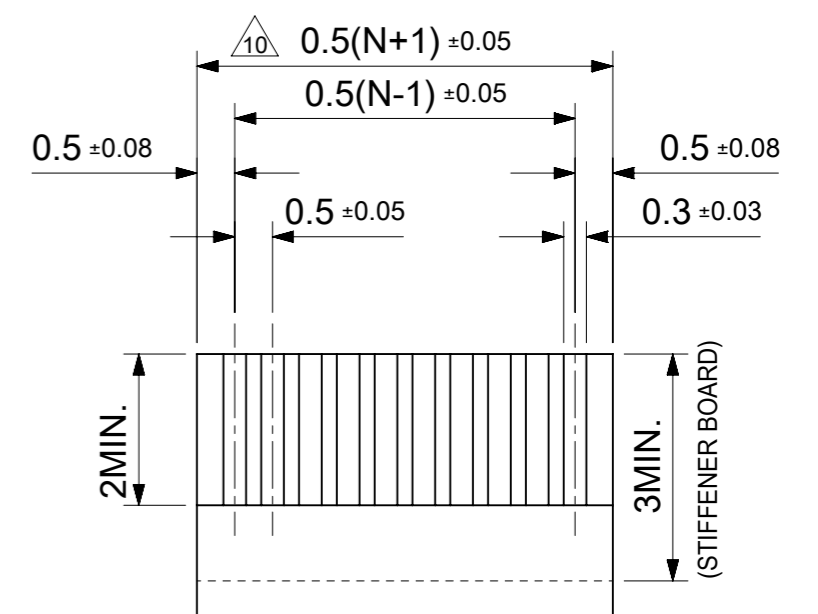
8. THIS PRODUCT IS DELIVERED WITH THE ACTUATOR IN THE OPEN POSITION.

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

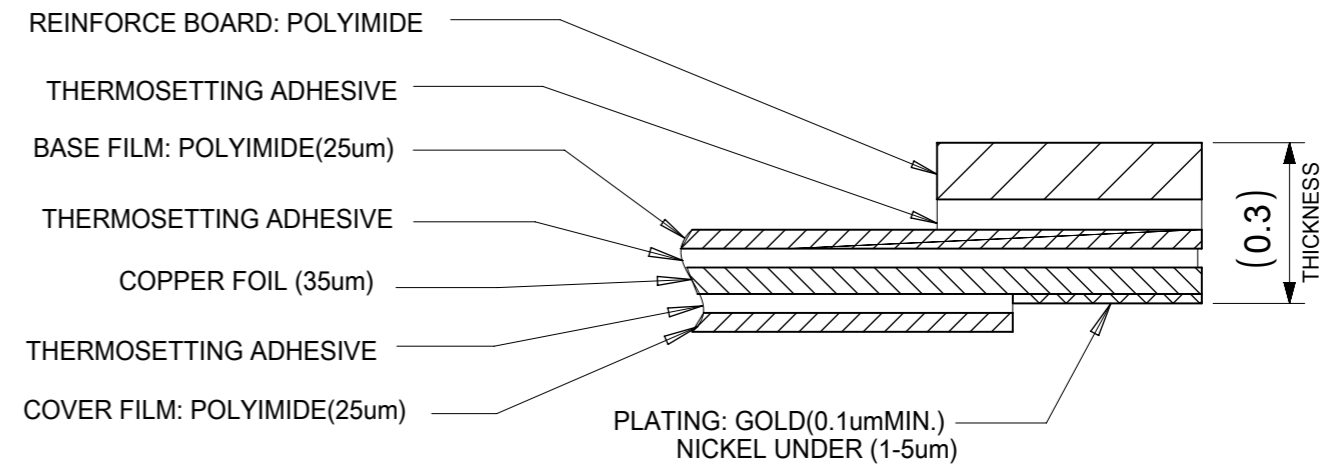
10. PLEASE CONFIRM TO INSERT FPC IN ADVANCE WHEN FPC WIDTH IS OVER $0.5(N+1)+0.02$.



APPLICABLE FPC RECOMMENDED DIMENSION N: CIRCUITS
(THICKNESS : 0.3±0.05) : 30 OR LESS CIRCUITS
(THICKNESS : 0.3±0.03) : 31 OR OVER CIRCUITS



APPLICABLE FFC RECOMMENDED DIMENSION N: CIRCUITS



STRUCTURE OF FPC

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	CURRENT REV DESC:		molex																										
	<table border="1"> <tr> <th>DIMENSION UNITS</th> <th>SCALE</th> </tr> <tr> <td>mm</td> <td>10:1</td> </tr> </table>	DIMENSION UNITS	SCALE				mm	10:1	<table border="1"> <tr> <th>GENERAL TOLERANCES (UNLESS SPECIFIED)</th> <th>ANGULAR TOL</th> </tr> <tr> <td>4 PLACES ± 0.2</td> <td>± 1.0 °</td> </tr> </table>		GENERAL TOLERANCES (UNLESS SPECIFIED)	ANGULAR TOL	4 PLACES ± 0.2	± 1.0 °	<table border="1"> <tr> <td>EC NO: 676145</td> <td>2021/07/21</td> </tr> <tr> <td>DRWN: ICYANG</td> <td>2021/09/02</td> </tr> <tr> <td>CHK'D: SHCHU</td> <td>2021/09/02</td> </tr> <tr> <td>APPR: SHCHU</td> <td>2021/09/02</td> </tr> </table>			EC NO: 676145	2021/07/21	DRWN: ICYANG	2021/09/02	CHK'D: SHCHU	2021/09/02	APPR: SHCHU	2021/09/02					
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			A3-SIZE	503480	SEE TABLE	GENERAL MARKET	2 OF 2																							

