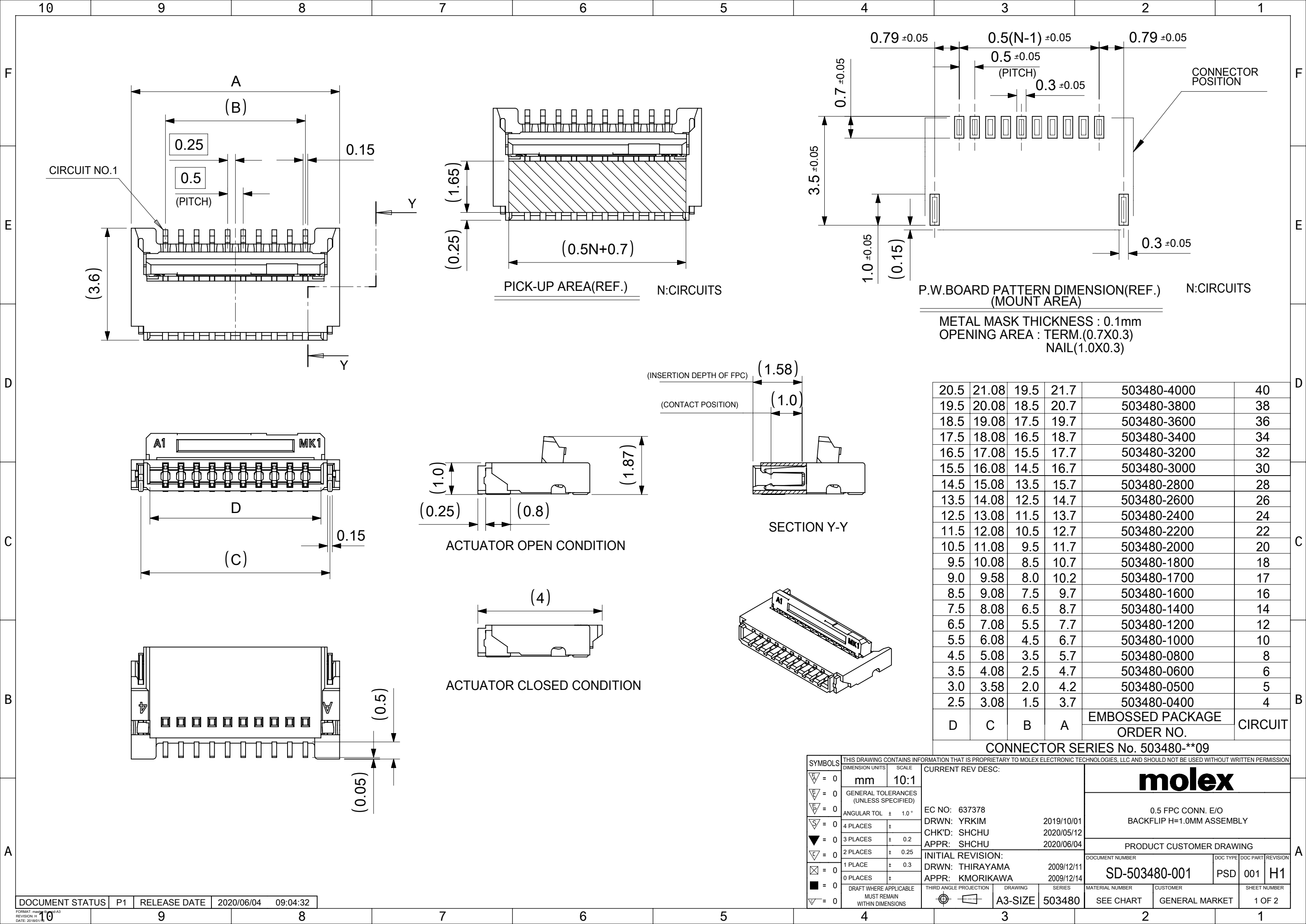




NOTES

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.

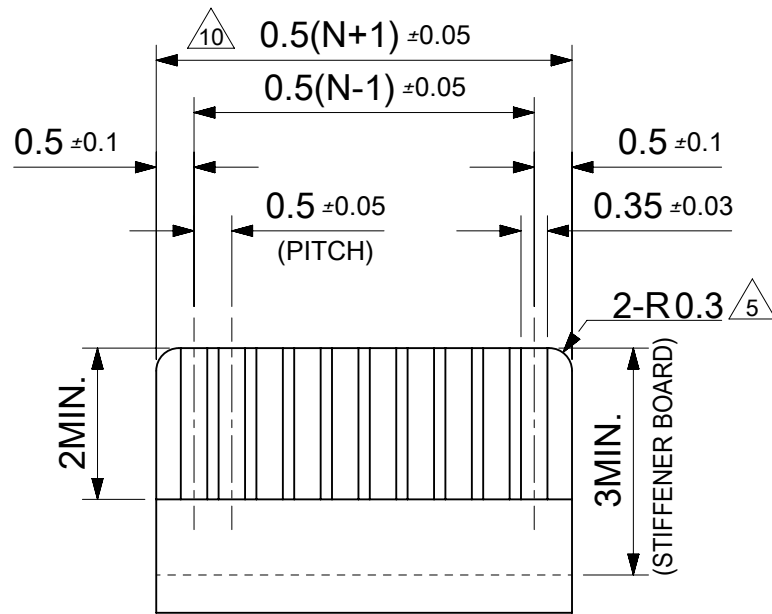
6. COPLANARITY : 0.1 MAXIMUM

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

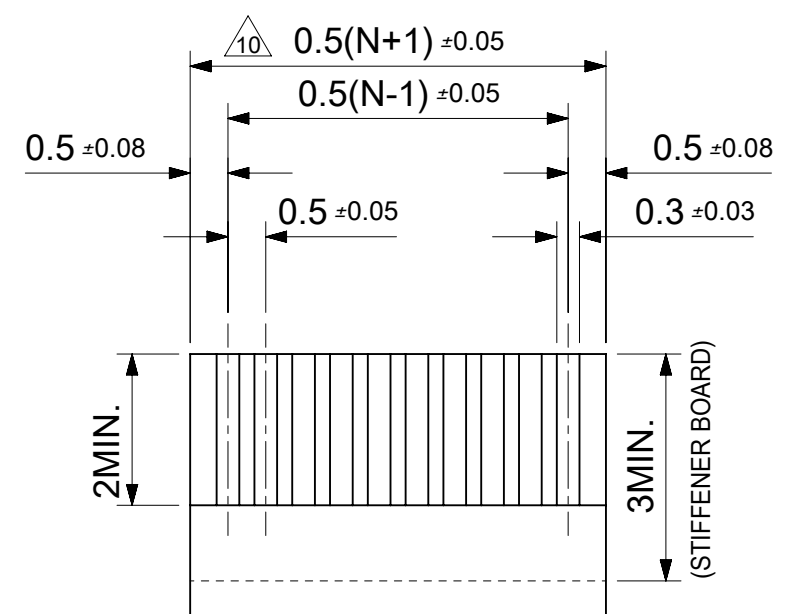
8. THIS PRODUCT IS DELIVERED WITH THE ACTUATOR
IN THE OPEN POSITION.

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 $0.5(N+1)+0.02$.



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

REINFORCE BOARD: POLYIMIDE

THERMOSETTING ADHESIVE

BASE FILM: POLYIMIDE(25um)

THERMOSETTING ADHESIVE

COPPER FOIL (35um)

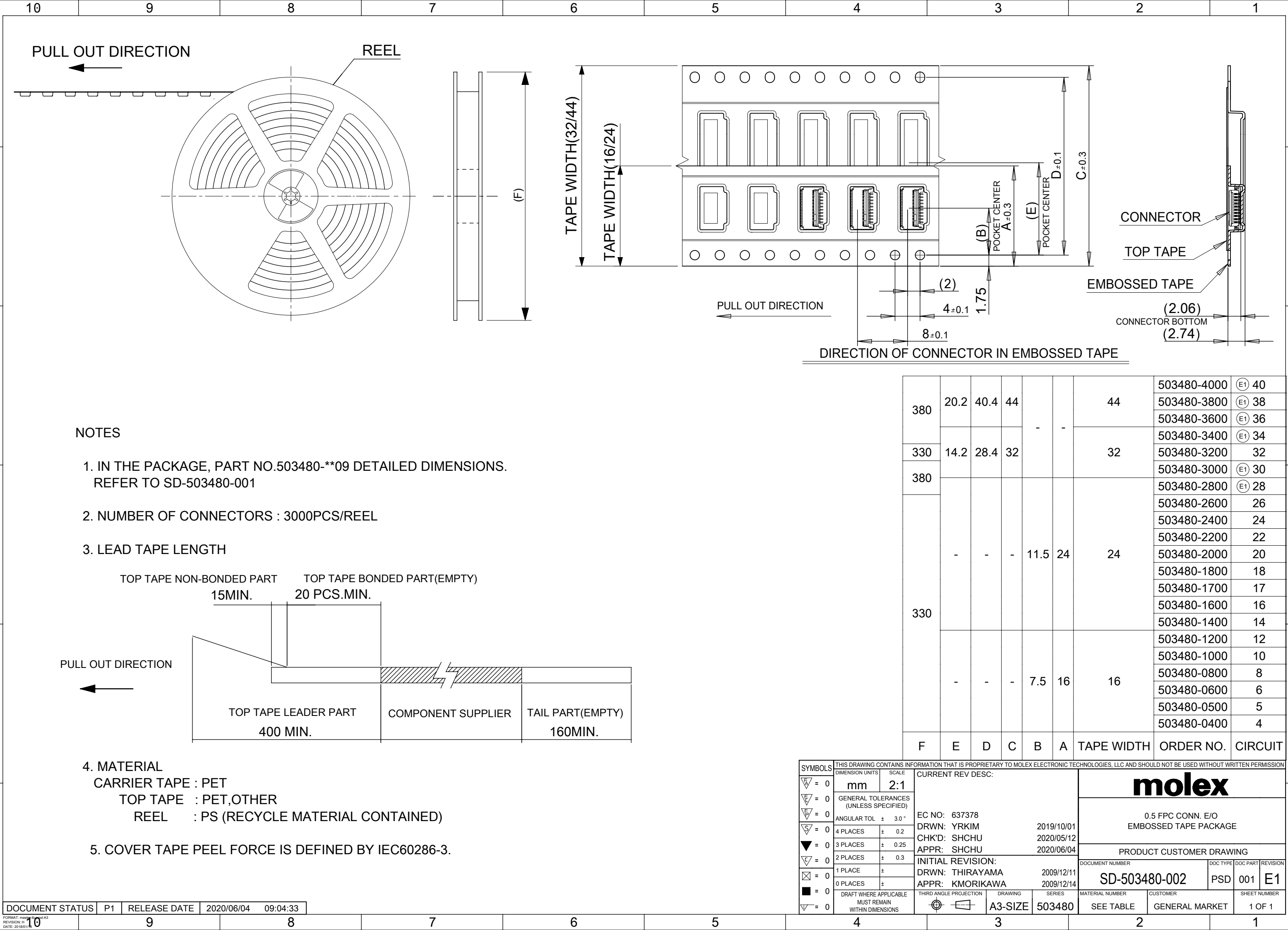
THERMOSETTING ADHESIVE

COVER FILM: POLYIMIDE(25um)

PLATING: GOLD(0.1umMIN.)
NICKEL UNDER (1-5um)

STRUCTURE OF FPC

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
 = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC:					molex							
	mm		10:1														
 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 637378 DRWN: YRKIM 2019/10/01 CHK'D: SHCHU 2020/05/12 APPR: SHCHU 2020/06/04					0.5 FPC CONN. E/O BACKFLIP H=1.0MM ASSEMBLY							
 = 0																	
ANGULAR TOL ± 1.0 °				PRODUCT CUSTOMER DRAWING													
 = 0	4 PLACES		±														
 = 0	3 PLACES		± 0.2														
 = 0	2 PLACES		± 0.25		INITIAL REVISION: DRWN: THIRAYAMA 2009/12/11 APPR: KMORIKAWA 2009/12/14					DOCUMENT NUMBER SD-503480-001					DOC TYPE PSD	DOC PART 001	REVISION H1
 = 0	1 PLACE		± 0.3														
 = 0	0 PLACES		±							THIRD ANGLE PROJECTION  DRAWING A3-SIZE SERIES 503480					MATERIAL NUMBER SEE SHEET1		CUSTOMER GENERAL MARKET
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																	



SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
= 0	DIMENSION UNITS	SCALE
= 0	mm	2:1
= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)	
= 0	ANGULAR TOL	± 3.0 °
= 0	4 PLACES	± 0.2
= 0	3 PLACES	± 0.25
= 0	2 PLACES	± 0.3
= 0	1 PLACE	±
= 0	0 PLACES	±
= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
= 0	THIRD ANGLE PROJECTION	DRAWING
		A3-SIZE
	SERIES	503480
CURRENT REV DESC:		EC NO: 637378
		DRWN: YRKIM 2019/10/01
		CHK'D: SHCHU 2020/05/12
		APPR: SHCHU 2020/06/04
INITIAL REVISION:		DRWN: THIRAYAMA 2009/12/11
		APPR: KMORIKAWA 2009/12/14
DOCUMENT NUMBER		SD-503480-002
DOC TYPE		PSD
DOC PART		001
REVISION		E1
MATERIAL NUMBER		SEE TABLE
CUSTOMER		GENERAL MARKET
SHEET NUMBER		1 OF 1