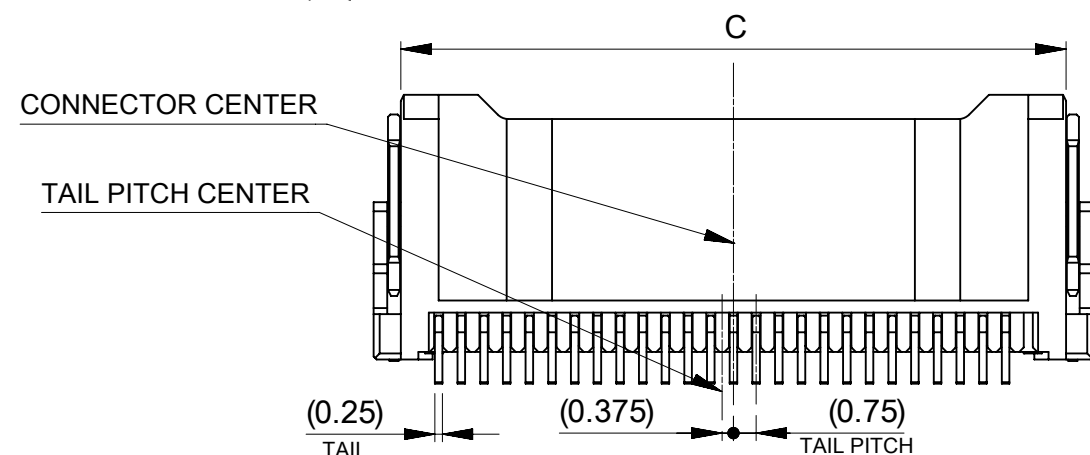
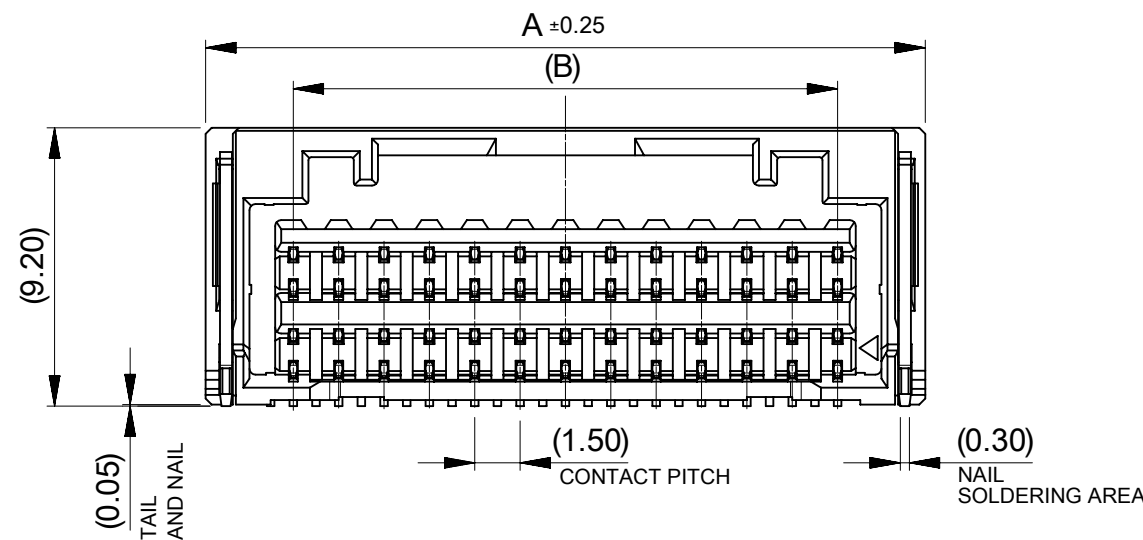
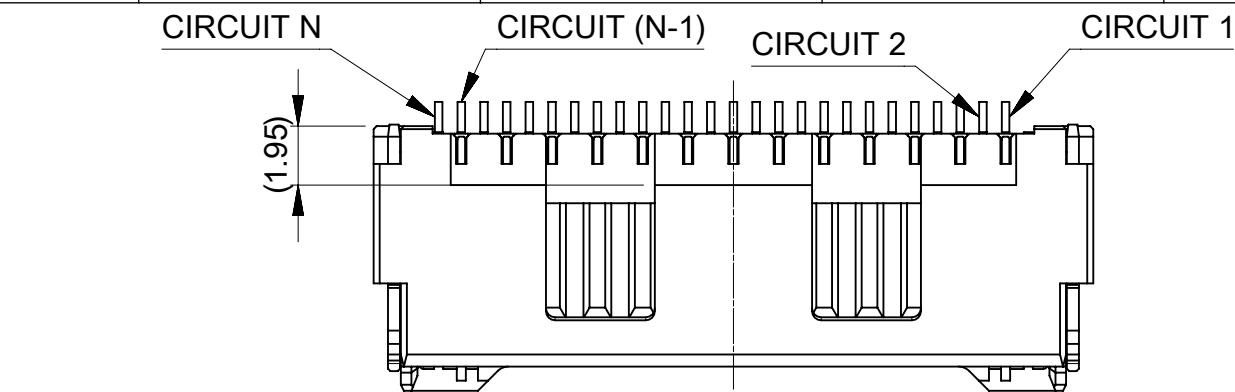




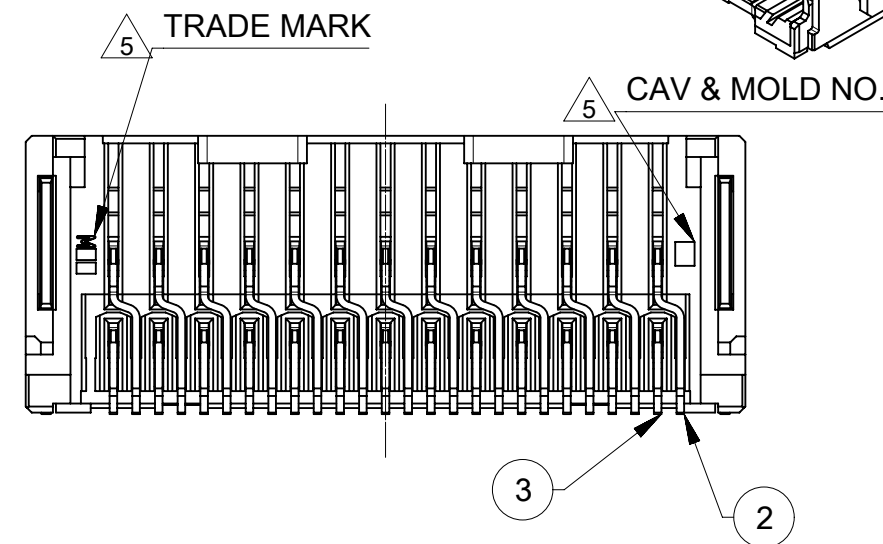
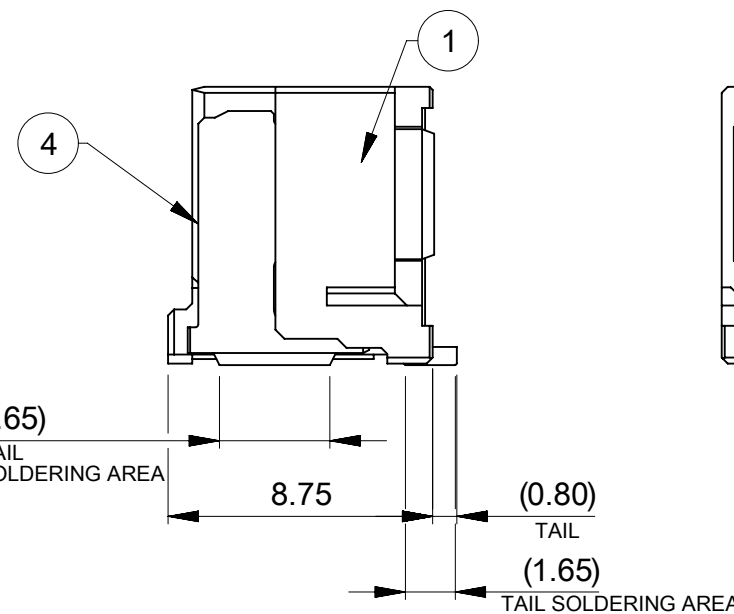
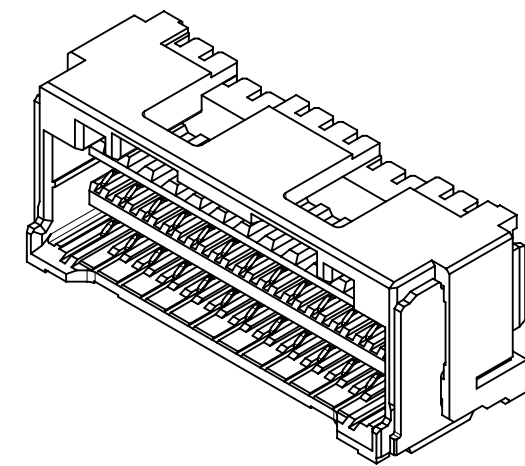
番号 NO.	部品 PART	材質 MATERIAL
①	ハウジング HOUSING	ポリアミド(PA) UL94V-0 色 : SEE CHART POLYAMIDE(PA) UL94V-0 COLOR : SEE CHART
②、③	ターミナル A, B TERMINAL A, B	銅合金 COPPER ALLOY
		錫めっき : 1.0 micro-meter MIN MATTE TIN PLATING(TAIL AREA)
		ニッケルめっき(下地) : 1.0 micro-meter MIN NICKEL (UNDER PLATING)
④	ネイル NAIL	黄銅 BRASS
		錫めっき : 1.0 micro-meter MIN MATTE TIN PLATING
		ニッケルめっき(下地) : 1.0 micro-meter MIN NICKEL (UNDER PLATING)

DOCUMENT STATUS	P1	RELEASE DATE	2021/10/05	08:22:03
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FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01

NOTE

1. 端子テール部およびネイルの平坦度: 0.1mm MAX.
TAIL AND NAIL COPLANARITY TO BE 0.1mm MAX.
2. (極数/2) = 偶数 に適用
APPLY FOR (CIRCUIT SIZE/2) = EVEN.
3. 適用製品及び各種仕様書はSHEET 4を参照のこと
REFER TO SHEET 4 ABOUT APPLICABLE PRODUCTS
AND VARIOUS SPECIFICATIONS.



- △₄ オーダー番号(製品番号): SHEET 6の製品一覧を参照のこと
ORDER No (PRODUCT No) : REFER TO SHEET 6 FOR PRODUCT LIST.

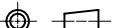
503148 * * 9 *

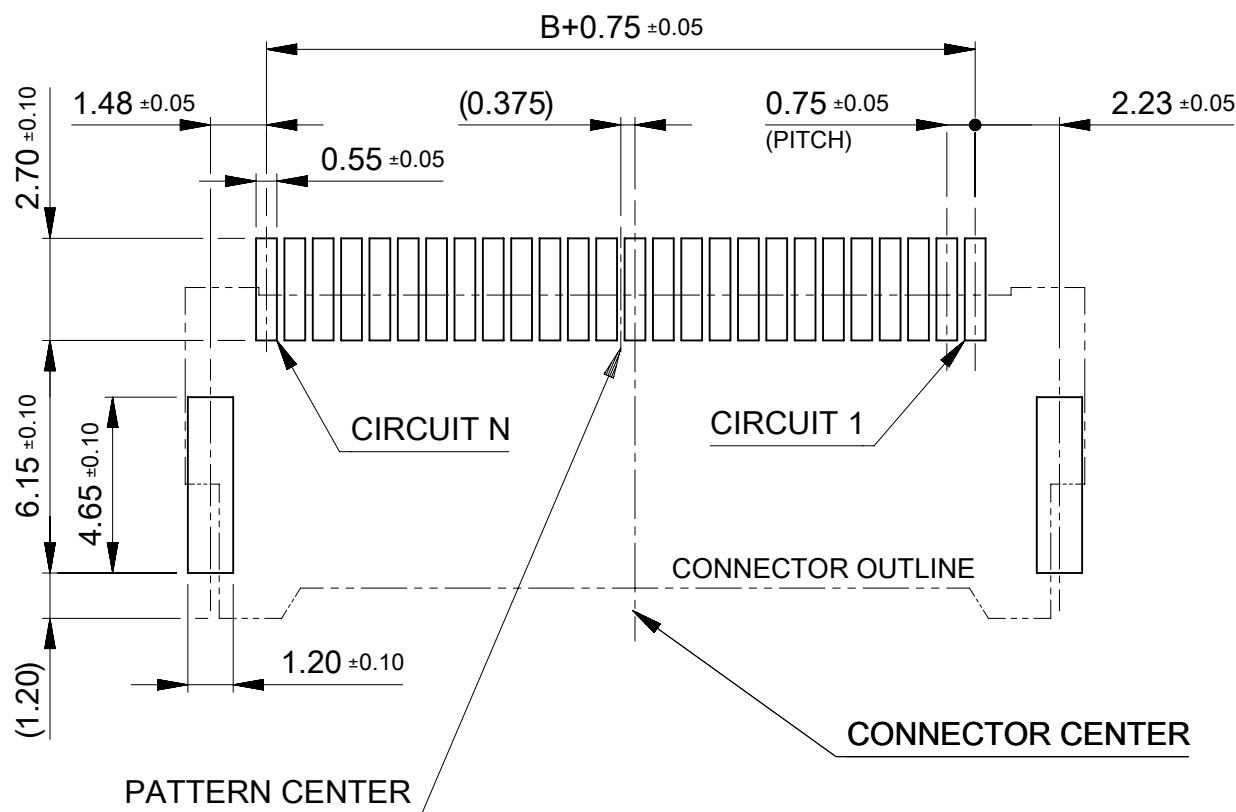
シリーズ番号 SERIES NO	極数 CIRCUIT SIZE	色 COLOR
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CIRCUIT	NO	COLOR
08~26	0	ナチュラル (ベージュ) NATURAL (BEIGE)
	1	黒 BLACK
	2	赤 RED
	4	青 BLUE
	6	緑 GREEN

- △₅ トレードマーク：Mプラス2文字の製造工場を示す
アルファベットにて表示。
但し、"J"はJAPANを、"L"はMALAYSIAを示す。
(例：MXJ, MXL)
金型番号：アルファベット2文字にて表示。
(例：1A, 12A, 1B, 12B)

22.0	±0.25	18.0	23.8	26
20.5		16.5	22.3	24
19.0		15.0	20.8	22
17.5		13.5	19.3	20
16.0		12.0	17.8	18
14.5		10.5	16.3	16
13.0		9.0	14.8	14
11.5		7.5	13.3	12
10.0		6.0	11.8	10
8.5	(±0.2)	4.5	10.3	8
C		B	A	極数 CIRCUIT NO

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: REI/ISED				molex			
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)				CLIK-MATE 1.5 DUAL ROW SMT R/A TYPE REC ASSY TIN PLATING							
ANGULAR TOL ± 3.0°											
4 PLACES		± 0.2		EC NO: 680153		PRODUCT CUSTOMER DRAWING					
3 PLACES		± 0.2		DRWN: MIKEDA01 2021/10/05							
2 PLACES		± 0.2		CHK'D: SAKIYAMA 2021/11/005							
1 PLACE ± 0.25				APPR: KOMURAKAMI 2021/10/05		DOCUMENT NUMBER 5031480000-SD					
0 PLACES ± 0.3				INITIAL REVISION:						DOC TYPE	
DRWN: MIKEDA01 2019/05/07				2020/03/03		E					
APPR: KOMURAKAMI											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES			
						A3-SIZE		503148			
						MATERIAL NUMBER		CUSTOMER			
						GENERAL		SHEET NUMBER			
								1 OF 6			



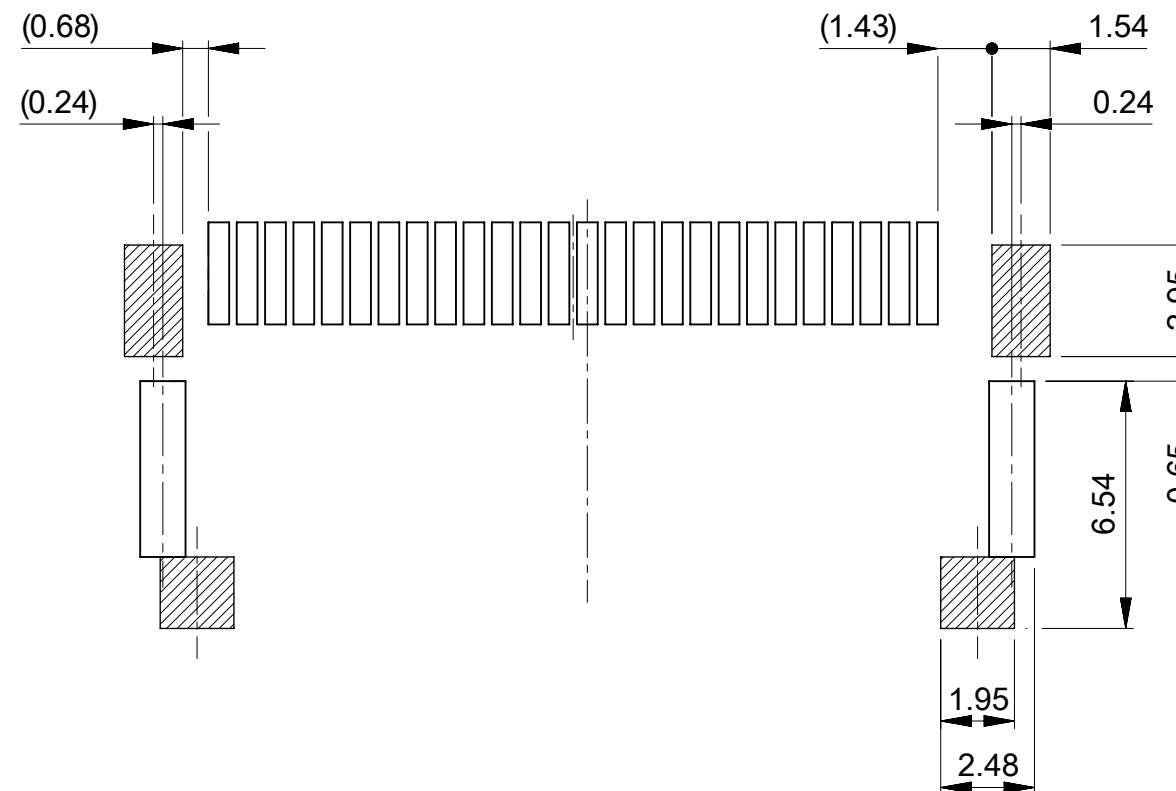
基板パターンレイアウト(参考)

RECCOMENDED PCB PATTERN LAYOUT (REF.)

(参考：メタルマスク厚さ 0.10mm, マスク開口率100%)
(REFERENCE: METAL STENCIL THICKNESS 0.10MM, APERTURE RATIO 100%)

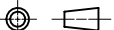
NOTE

- △ コネクタ下にパターン及びスルーホールを設置する場合、基板面からパターン盛り上がりは0.1mm MAX.とすること
ただし、図示したパターン禁止エリアを除く
THE CONVEX ON THE PCB TO BE 0.1mm MAX. WHEN SET SOME PATTERNS OR THROUGH HOLES UNDER THE CONNECTOR.
EXCEPT INDICATED AREA.

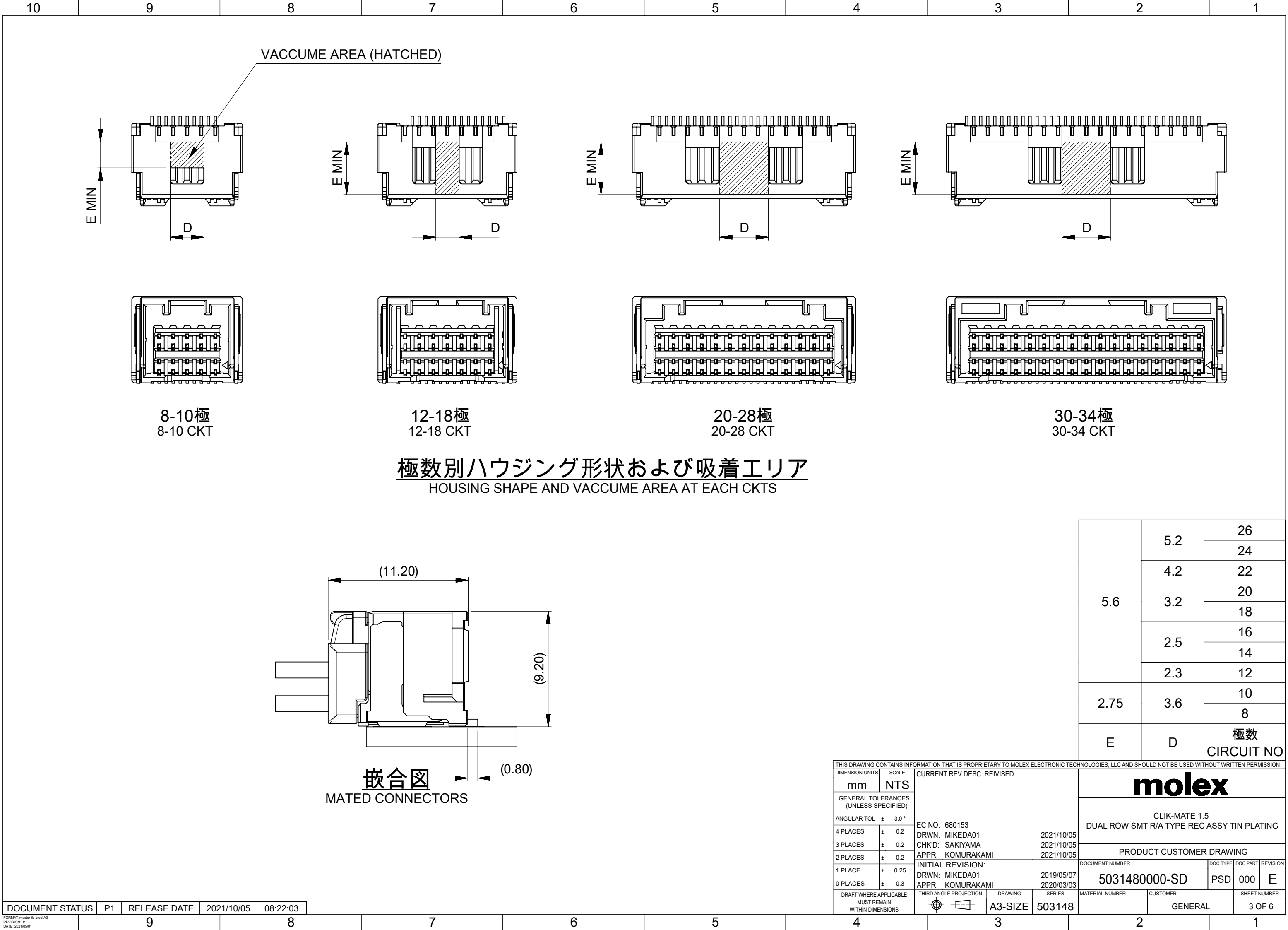


△ パターン非推奨エリア

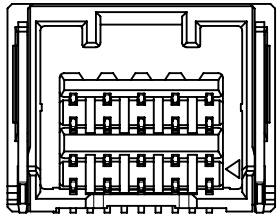
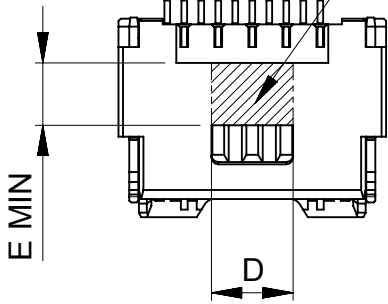
パターンを引き回す際は、製品機能に影響がないことをご確認ください。
PATTERN IS NOT RECCOMENDED ON THE HATCHED AREA.
PLEASE CHECK NOT TO HAVE PROBLEM FOR PRODUCT FUNCTION
WHEN SETTING PATTERN ON THE HATCHED AREA.

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: REVISED			molex CLIK-MATE 1.5 DUAL ROW SMT R/A TYPE REC ASSY TIN PLATING PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER 5031480000-SD DOC TYPE PSD DOC PART 000 REVISION E		
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 680153 DRWN: MIKEDA01 2021/10/05 CHK'D: SAKIYAMA 2021/10/05 APPR: KOMURAKAMI 2021/10/05 INITIAL REVISION: DRWN: MIKEDA01 2019/05/07 APPR: KOMURAKAMI 2020/03/03					
ANGULAR TOL ± 3.0 °									
4 PLACES ± 0.2									
3 PLACES ± 0.2									
2 PLACES ± 0.2									
1 PLACE ± 0.25									
0 PLACES ± 0.3									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	
						A3-SIZE		503148	
				MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						GENERAL		2 OF 6	

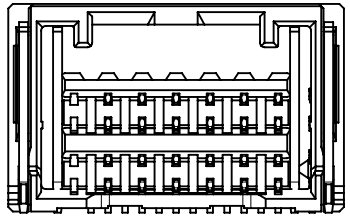
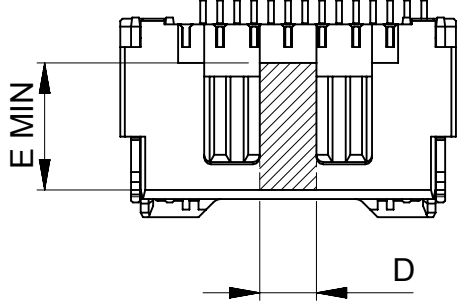
DOCUMENT STATUS	P1	RELEASE DATE	2021/10/05	08:22:03
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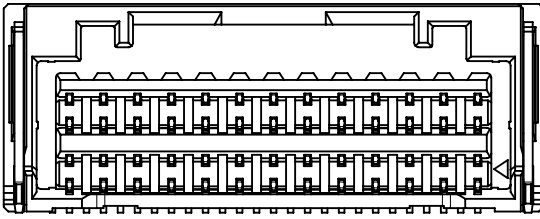
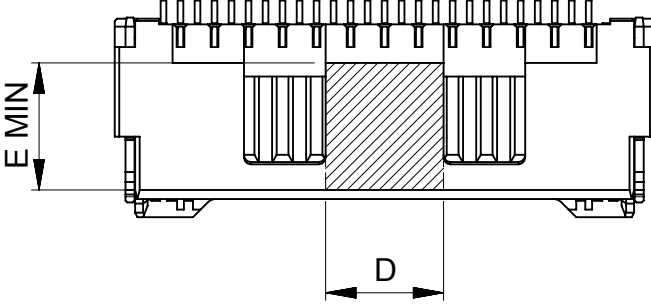
VACCUME AREA (HATCHED)



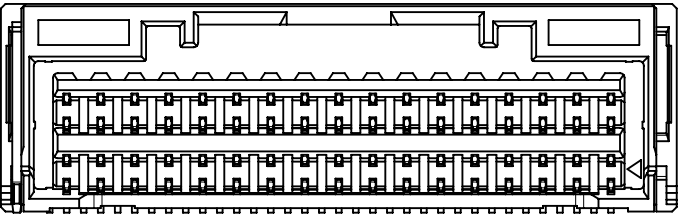
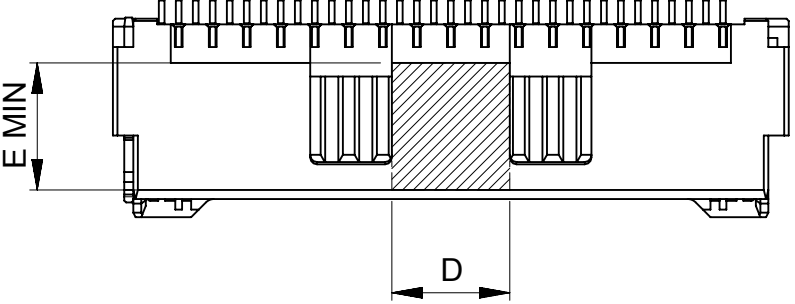
8-10極
8-10 CKT



12-18極
12-18 CKT

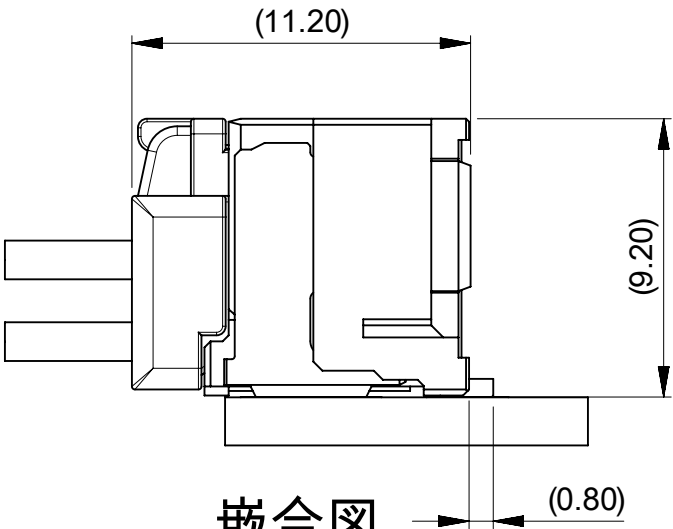


20-28極
20-28 CKT



30-34極
30-34 CKT

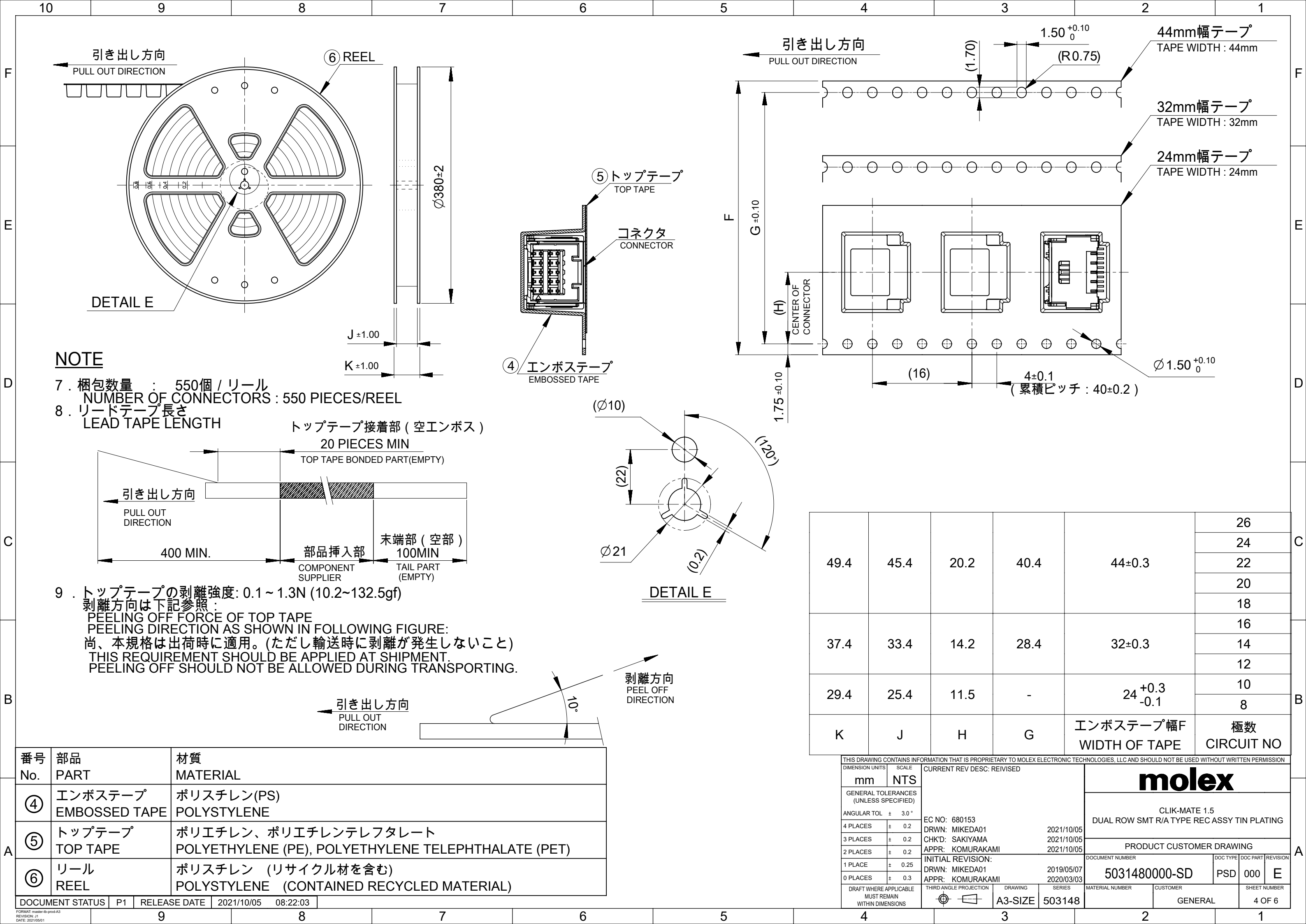
極数別ハウジング形状および吸着エリア
HOUSING SHAPE AND VACCUME AREA AT EACH CKTS



嵌合図
MATED CONNECTORS

5.6	5.2	26
		24
	4.2	22
	3.2	20
		18
2.75	2.5	16
		14
	2.3	12
2.75	3.6	10
		8
E	D	極数 CIRCUIT NO

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: REVISED		molex	
DIMENSION UNITS mm	SCALE NTS				
GENERAL TOLERANCES (UNLESS SPECIFIED)				CLIK-MATE 1.5 DUAL ROW SMT R/A TYPE REC ASSY TIN PLATING	
ANGULAR TOL	± 3.0 °			PRODUCT CUSTOMER DRAWING	
4 PLACES	± 0.2	EC NO: 680153		DOCUMENT NUMBER	
3 PLACES	± 0.2	DRWN: MIKEDA01 2021/10/05		5031480000-SD	
2 PLACES	± 0.2	CHK'D: SAKIYAMA 2021/10/05		DOC TYPE	
1 PLACE	± 0.25	APPR: KOMURAKAMI 2021/10/05		PSD	
0 PLACES	± 0.3	INITIAL REVISION:		DOC PART	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWN: MIKEDA01 2019/05/07		000	
		APPR: KOMURAKAMI 2020/03/03		REVISION	
		THIRD ANGLE PROJECTION		E	
		DRAWING		SHEET NUMBER	
		A3-SIZE		3 OF 6	
		SERIES			
		503148			
		MATERIAL NUMBER			
		CUSTOMER			



3

適用製品及び各種仕様書

APPLICABLE PRODUCTS AND VARIOUS SPECIFICATIONS

梱包仕様書 PACKAGING SPECIFICATION	PART NUMBER	DOCUMENT NUMBER
	503148**9*	SPK-503148-001

適用嵌合相手 MATE WITH	HOUSING	TERMINAL	
		#24-28	#26-30
シリーズ番号 SERIES NUMBER	503149	502579	503429
製品仕様書 PRODUCT SPECIFICATION	5031490000-PS/PS/000		
アプリケーション仕様書 APPLICATION SPECIFICATION	AS-503149-001		

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DIMENSION UNITS	SCALE
mm	NTS
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 3.0 °
4 PLACES	± 0.2
3 PLACES	± 0.2
2 PLACES	± 0.2
1 PLACE	± 0.25
0 PLACES	± 0.3
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC: REVISED

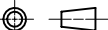
EC NO: 680153
DRWN: MIKEDA01
CHK'D: SAKIYAMA
APPR: KOMURAKAMI

2021/10/05
2021/10/05
2021/10/05

INITIAL REVISION:
DRWN: MIKEDA01
APPR: KOMURAKAMI

2019/05/07
2020/03/03

THIRD ANGLE PROJECTION



DRAWING

SERIES

A3-SIZE503148

molex

CLIK-MATE 1.5
DUAL ROW SMT R/A TYPE REC ASSY TIN PLATING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
5031480000-SD	PSD	000	E

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL	5 OF 6

