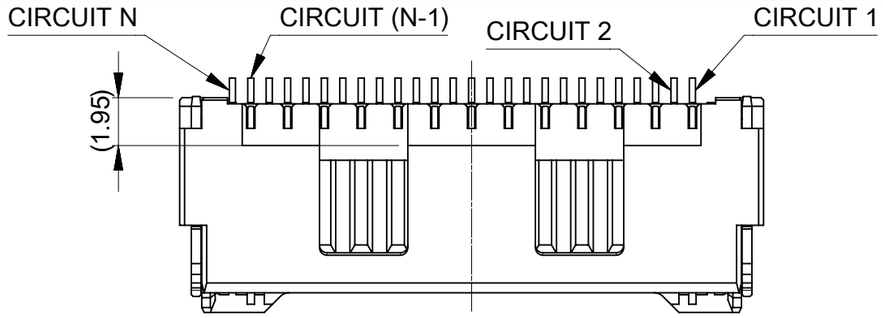
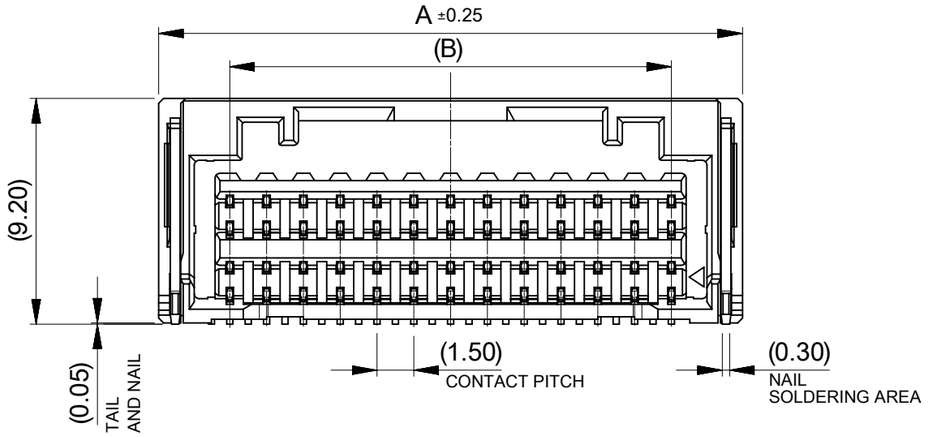
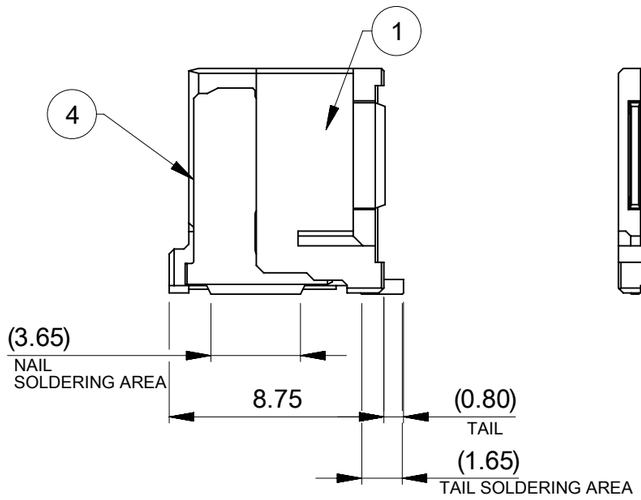
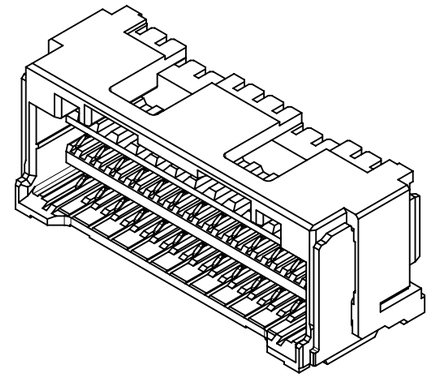


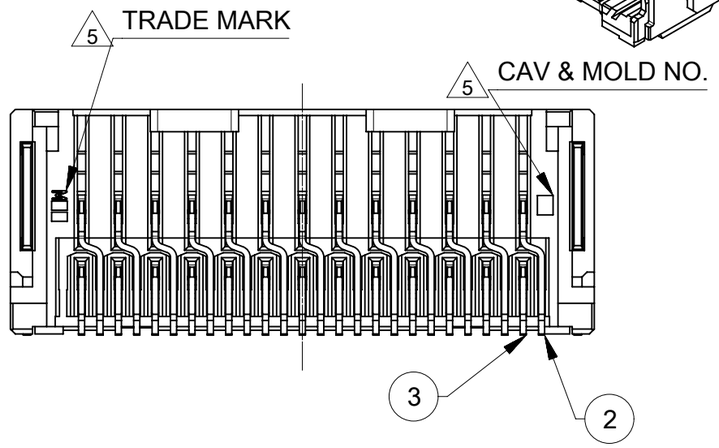




NOTE

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.





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)

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 *

- 503148: シリーズ番号 SERIES NO
- * *: 極数 CIRCUIT SIZE
- 9: 色 COLOR

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: mm | SCALE: 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: REIVISED
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

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 503148

molex

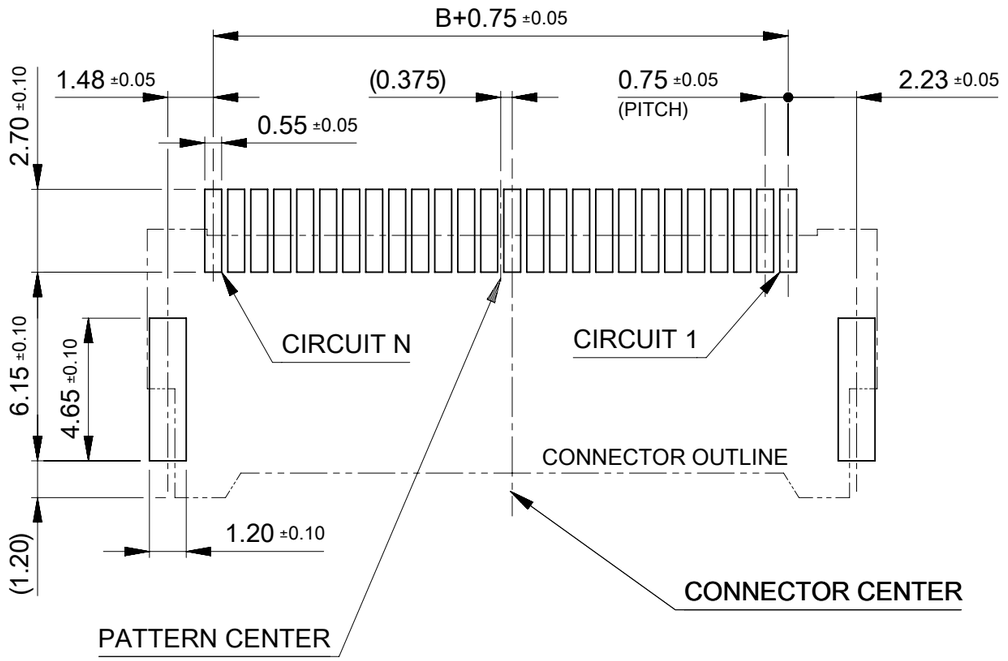
CLIK-MATE 1.5
DUAL ROW SMT R/A TYPE REC ASSY TIN PLATING
PRODUCT CUSTOMER DRAWING

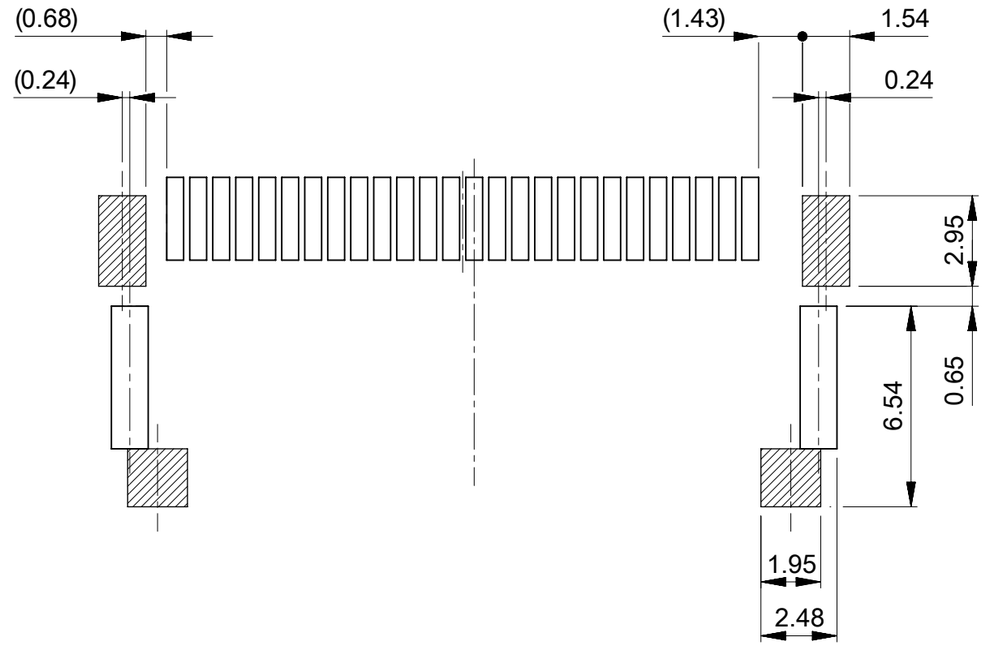
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
5031480000-SD	PSD	000	E

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL	1 OF 6

DOCUMENT STATUS	P1	RELEASE DATE	2021/10/05 08:22:03

FORMAT: master-lb-prod-A3
REVISION: J1
DATE: 2021/05/01





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%)

△6 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.

NOTE

△6 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.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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: REIVISED

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

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 503148

molex

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

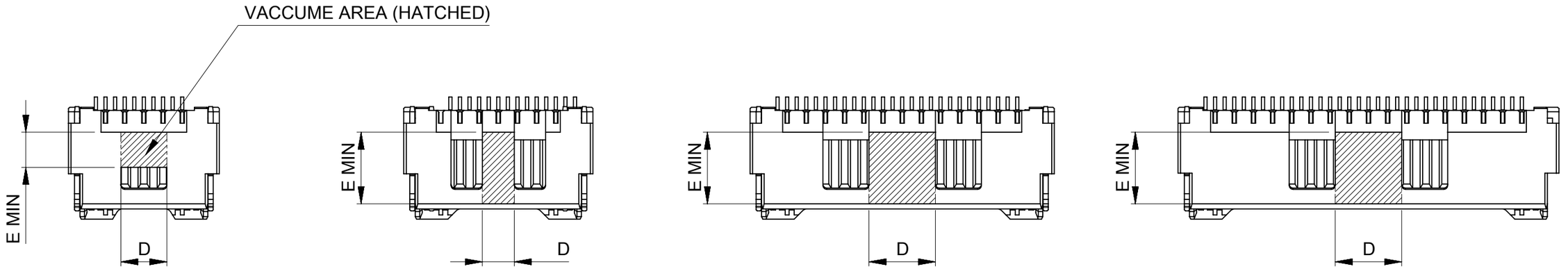
PRODUCT CUSTOMER DRAWING

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

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL	2 OF 6

DOCUMENT STATUS	P1	RELEASE DATE	2021/10/05 08:22:03

FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01



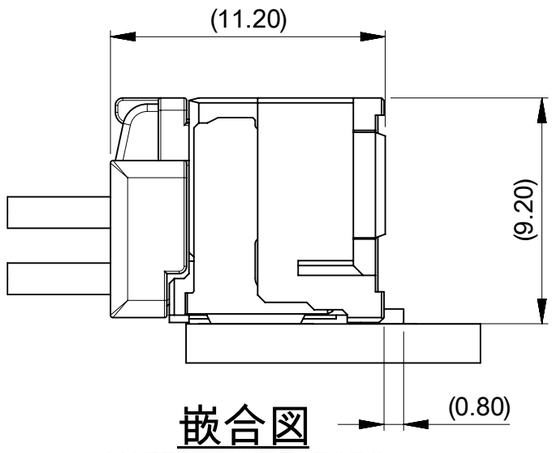
8-10極
8-10 CKT

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

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

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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: REIVISED

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

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 503148

molex

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

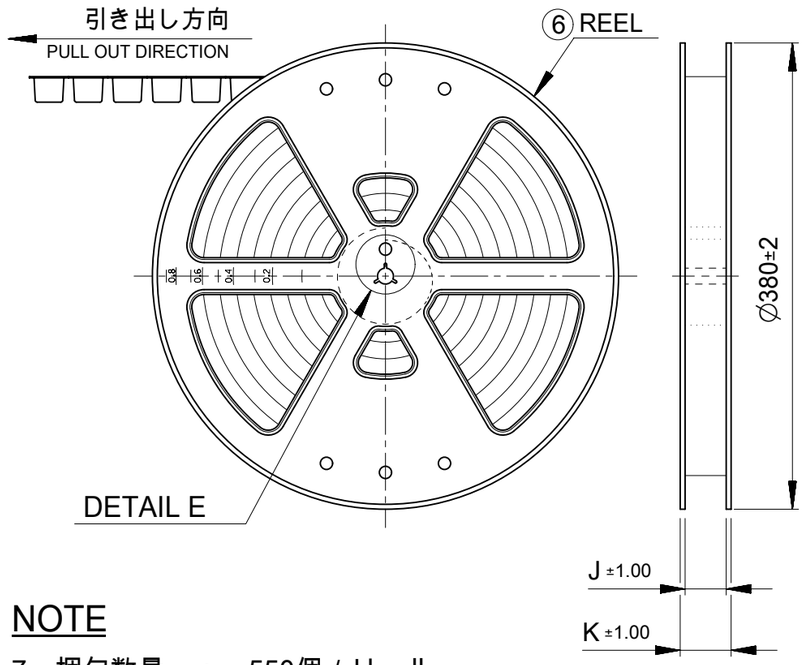
PRODUCT CUSTOMER DRAWING

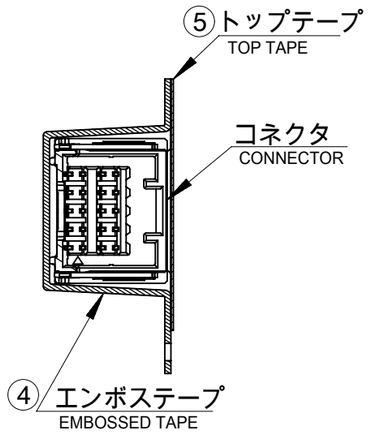
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
5031480000-SD	PSD	000	E

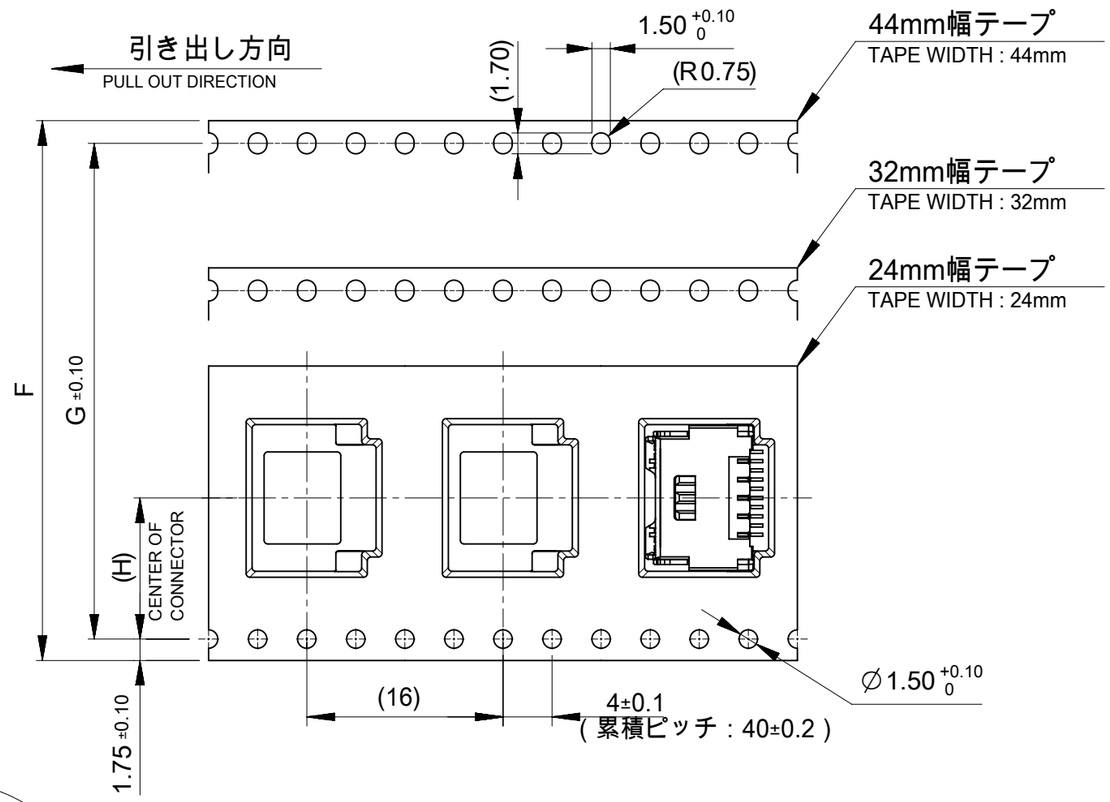
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL	3 OF 6

DOCUMENT STATUS	P1	RELEASE DATE	2021/10/05 08:22:03

FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01



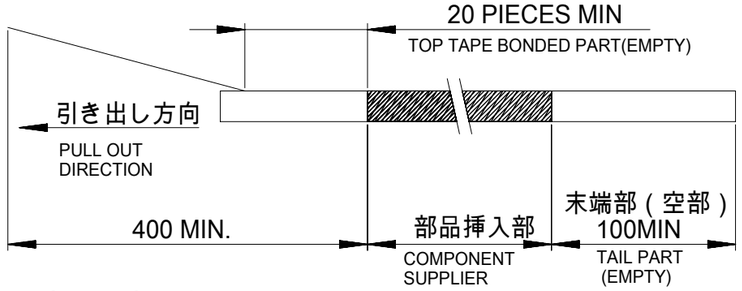




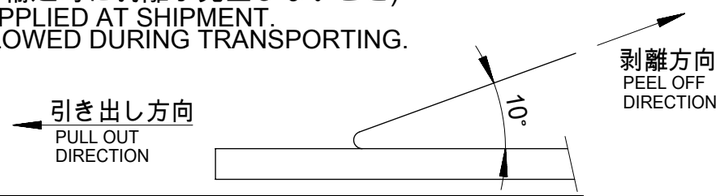
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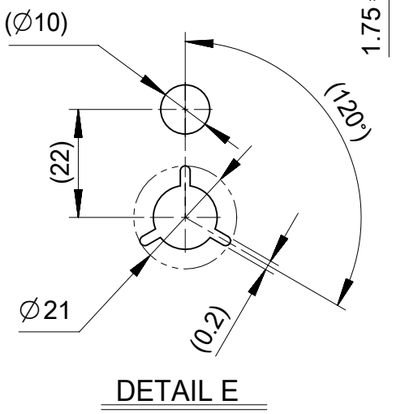
7．梱包数量　：　550個 / リール
NUMBER OF CONNECTORS : 550 PIECES/REEL

8．リードテープ長さ
LEAD TAPE LENGTH



9．トップテープの剥離強度: 0.1 ~ 1.3N (10.2~132.5gf)
剥離方向は下記参照：
PEELING OFF FORCE OF TOP TAPE
PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE:
尚、本規格は出荷時に適用。(ただし輸送時に剥離が発生しないこと)
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT.
PEELING OFF SHOULD NOT BE ALLOWED DURING TRANSPORTING.





DETAIL E

番号 No.	部品 PART	材質 MATERIAL
④	エンボステープ EMBOSSED TAPE	ポリスチレン(PS) POLYSTYLENE
⑤	トップテープ TOP TAPE	ポリエチレン、ポリエチレンテレフタレート POLYETHYLENE (PE), POLYETHYLENE TELEPHTHALATE (PET)
⑥	リール REEL	ポリスチレン　(リサイクル材を含む) POLYSTYLENE　(CONTAINED RECYCLED MATERIAL)

K	J	H	G	エンボステープ幅F WIDTH OF TAPE	極数 CIRCUIT NO
49.4	45.4	20.2	40.4	44±0.3	26
					24
					22
					20
					18
37.4	33.4	14.2	28.4	32±0.3	16
					14
					12
29.4	25.4	11.5	-	24 +0.3 -0.1	10
					8

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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: REIVISED

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

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 503148

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	4 OF 6

DOCUMENT STATUS	P1	RELEASE DATE	2021/10/05 08:22:03

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REVISION: J1
DATE: 2021/05/01

△3 適用製品及び各種仕様書
APPLICABLE PRODUCTS AND VARIOUS SPECIFICATIONS

	PART NUMBER	DOCUMENT NUMBER
梱包仕様書 PACKAGING SPECIFICATION	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: REIVISED

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

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

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	503148		GENERAL	5 OF 6

DOCUMENT STATUS	P1	RELEASE DATE	2021/10/05 08:22:03

FORMAT: master-lb-prod-A3
REVISION: J1
DATE: 2021/05/01

△4 製品一覧
PRODUCTS LIST

緑 GREEN	青 BLUE	赤 RED	黒 BLACK	ナチュラル(ベージュ) NATURAL(BEIGE)	HOUSING COLOR
503148 2696	503148 2694	503148 2692	503148 2691	503148 2690	26
503148 2496	503148 2494	503148 2492	503148 2491	503148 2490	24
503148 2296	503148 2294	503148 2292	503148 2291	503148 2290	22
503148 2096	503148 2094	503148 2092	503148 2091	503148 2090	20
503148 1896	503148 1894	503148 1892	503148 1891	503148 1890	18
503148 1696	503148 1694	503148 1692	503148 1691	503148 1690	16
503148 1496	503148 1494	503148 1492	503148 1491	503148 1490	14
503148 1296	503148 1294	503148 1292	503148 1291	503148 1290	12
503148 1096	503148 1094	503148 1092	503148 1091	503148 1090	10
503148 0896	503148 0894	503148 0892	503148 0891	503148 0890	8
オーダー番号 ORDER NO					極数 CIRCUIT NO

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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: REIVISED

EC NO: 680153
DRWN: MIKEDA01 2021/10/05
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THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 503148

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	6 OF 6

DOCUMENT STATUS	P1	RELEASE DATE	2021/10/05 08:22:03

FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01