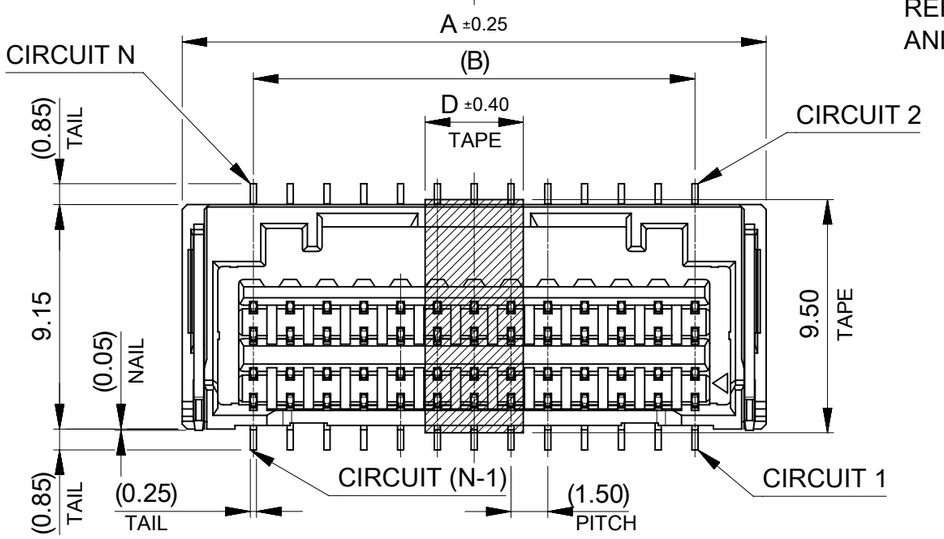
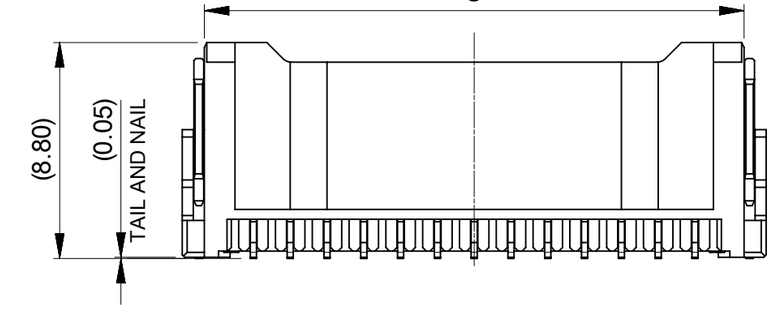
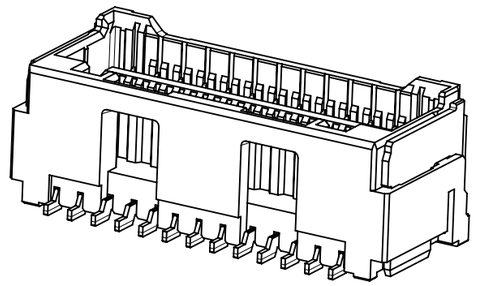


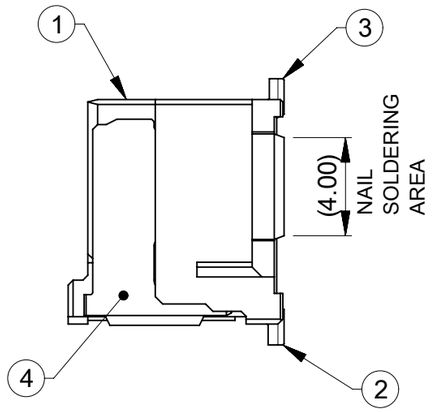


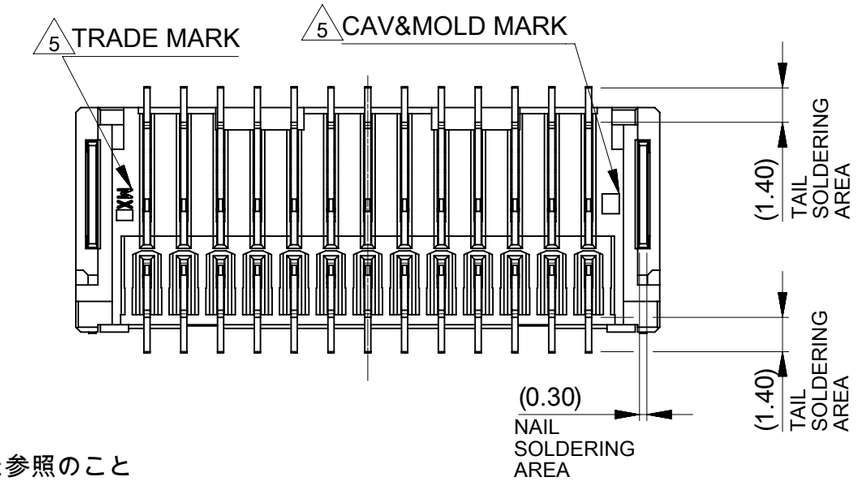


NOTE

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.

503154 * * 9 *

- 503154: シリーズ番号 / SERIES NO
- 1st *: 極数 / CIRCUIT SIZE
- 2nd *: 色 / COLOR

CIRCUIT	NO	COLOR	
08~34	0	ナチュラル (ベージュ)	NATURAL (BEIGE)
	1	黒	BLACK
08~32	2	赤	RED
	4	青	BLUE
	6	緑	GREEN

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)

△5 トレードマーク：MXプラス 1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を示す。(例：MXJ)
キャビティ番号：1桁から2桁の数字にて表示
金型番号：アルファベット1文字にて表示

5	28.0	±0.25	24.0	29.8	34
	26.5		22.5	28.3	32
	25.0		21.0	26.8	30
4	23.5		19.5	25.3	28
	22.0		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
3	11.5		7.5	13.3	12
	10.0		6.0	11.8	10
	8.5	±0.2	4.5	10.3	8
D	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
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	3.0 °
4 PLACES	±	0.2
3 PLACES	±	0.2
2 PLACES	±	0.2
1 PLACE	±	0.2
0 PLACES	±	0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REVISED

EC NO: 647134
DRWN: MIKEDA01 2020/10/01
CHK'D: SAKIYAMA 2021/05/10
APPR: KOMURAKAMI 2021/05/10

INITIAL REVISION:
DRWN: MIKEDA01 2019/04/25
APPR: KOMURAKAMI 2020/03/03

molex

CLIK-MATE 1.5
DUAL ROW SMT VT TYPE REC ASSY TIN PLATING

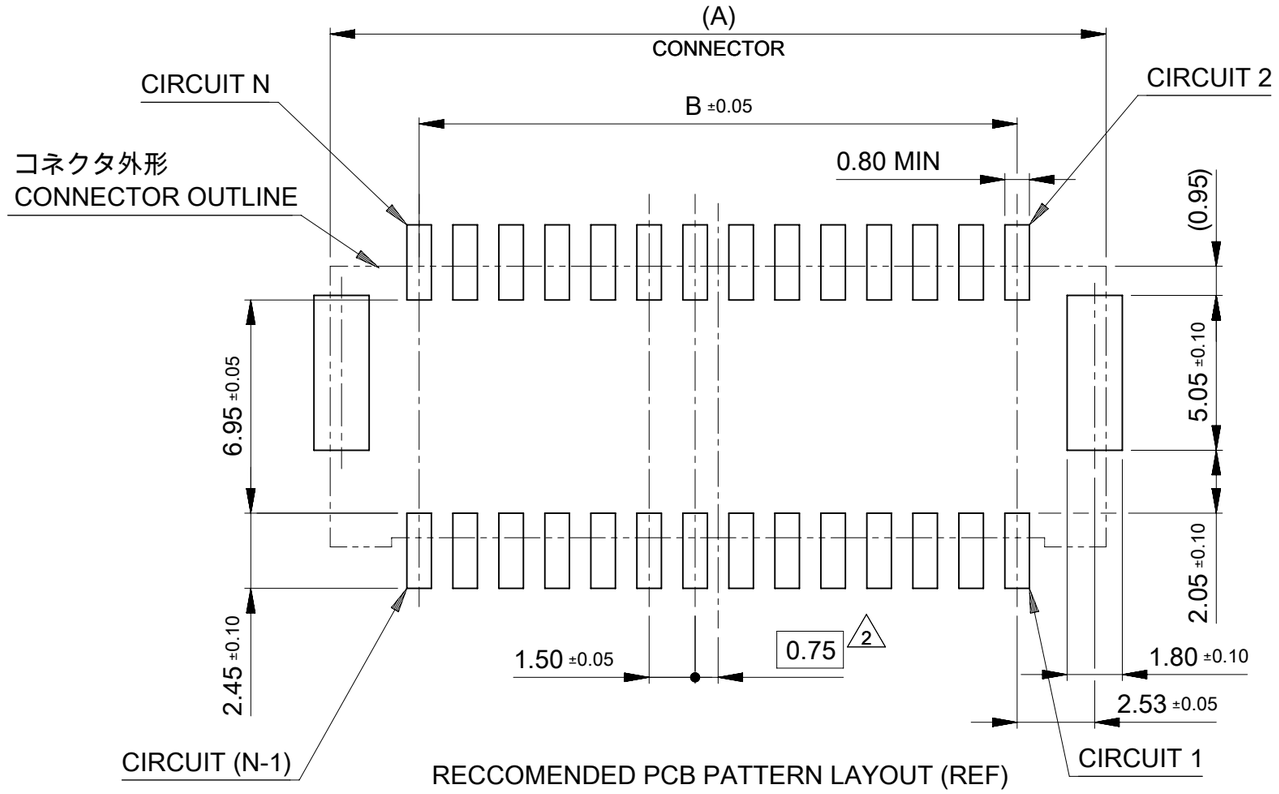
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
5031540000-SD	PSD	000	B

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	503154	503154****	GENERAL	1 OF 6

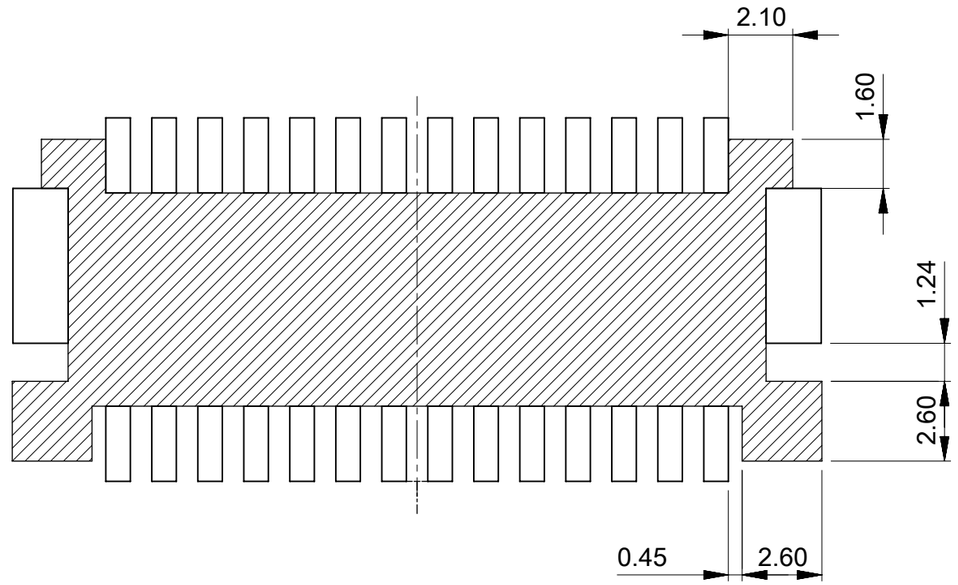
DOCUMENT STATUS	P1	RELEASE DATE	2021/05/10 08:34:29

FORMAT: master-tb-prod-A3
REVISION: J
DATE: 2020/01/14



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.

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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	±	0.2
0 PLACES	±	0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REVISED

EC NO: 647134
DRWN: MIKEDA01 2020/10/01
CHK'D: SAKIYAMA 2021/05/10
APPR: KOMURAKAMI 2021/05/10

INITIAL REVISION:
DRWN: MIKEDA01 2019/04/25
APPR: KOMURAKAMI 2020/03/03

molex

CLIK-MATE 1.5
DUAL ROW SMT VT TYPE REC ASSY TIN PLATING

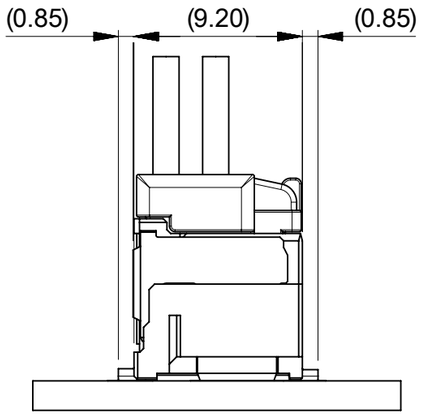
PRODUCT CUSTOMER DRAWING

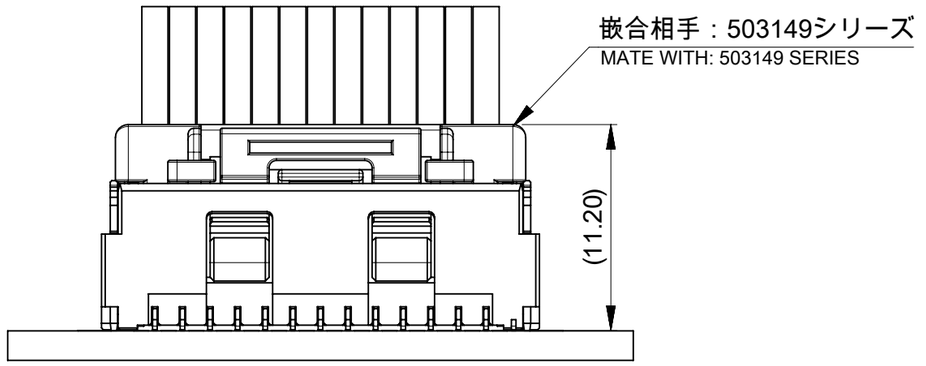
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
5031540000-SD	PSD	000	B

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 503154 | MATERIAL NUMBER: 503154**** | CUSTOMER: GENERAL | SHEET NUMBER: 2 OF 6

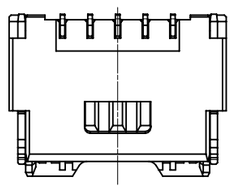
DOCUMENT STATUS	P1	RELEASE DATE	2021/05/10 08:34:29

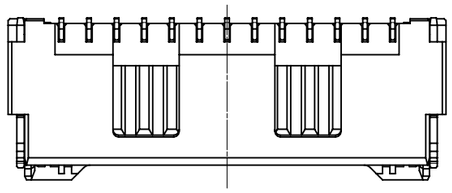
FORMAT: master-lb-prod-A3
REVISION: J
DATE: 2020/01/14

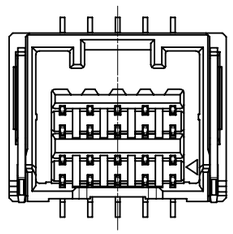




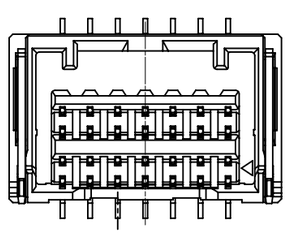
嵌合図
MATED CONNECTORS



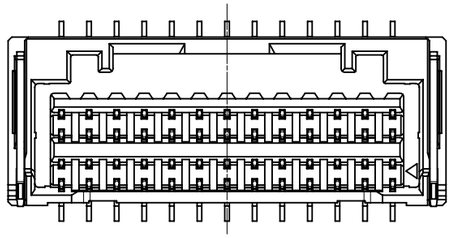




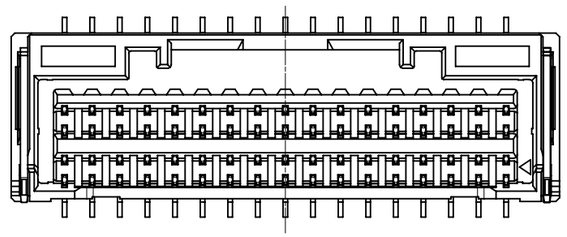
8-10極
8-10 CKT



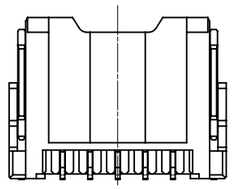
12-18極
12-18 CKT

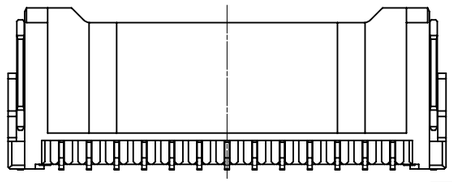


20-28極
20-28 CKT



30-34極
30-34 CKT





極数別ハウジング形状
HOUSING SHAPE OF EACH CKTS

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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	±	0.2
0 PLACES	±	0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REVISED

EC NO: 647134
DRWN: MIKEDA01 2020/10/01
CHK'D: SAKIYAMA 2021/05/10
APPR: KOMURAKAMI 2021/05/10

INITIAL REVISION:
DRWN: MIKEDA01 2019/04/25
APPR: KOMURAKAMI 2020/03/03

molex

CLIK-MATE 1.5
DUAL ROW SMT VT TYPE REC ASSY TIN PLATING

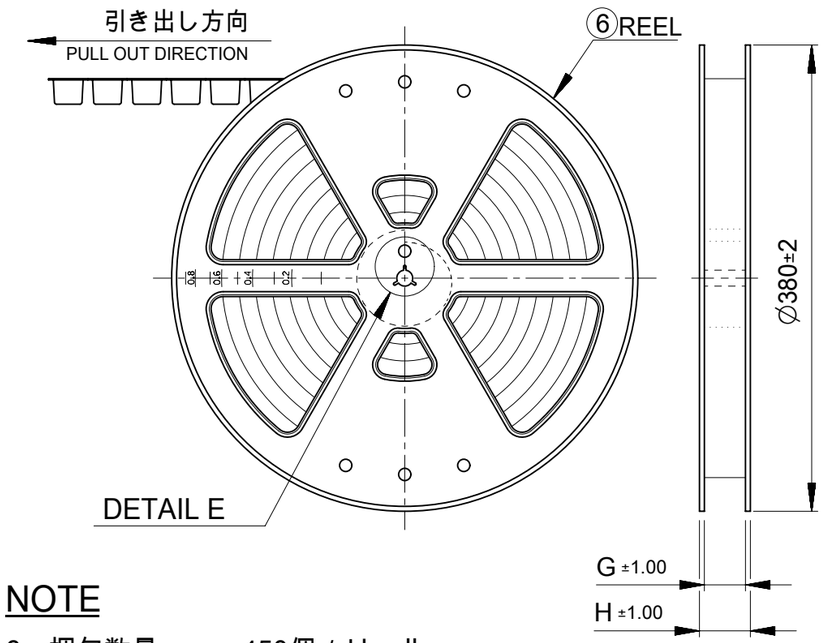
PRODUCT CUSTOMER DRAWING

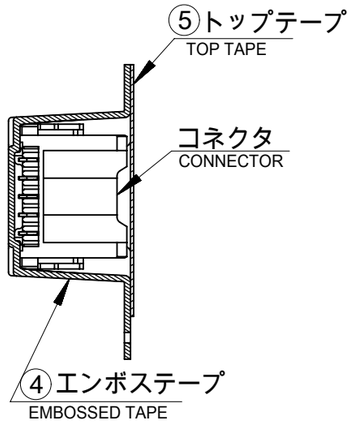
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
5031540000-SD	PSD	000	B

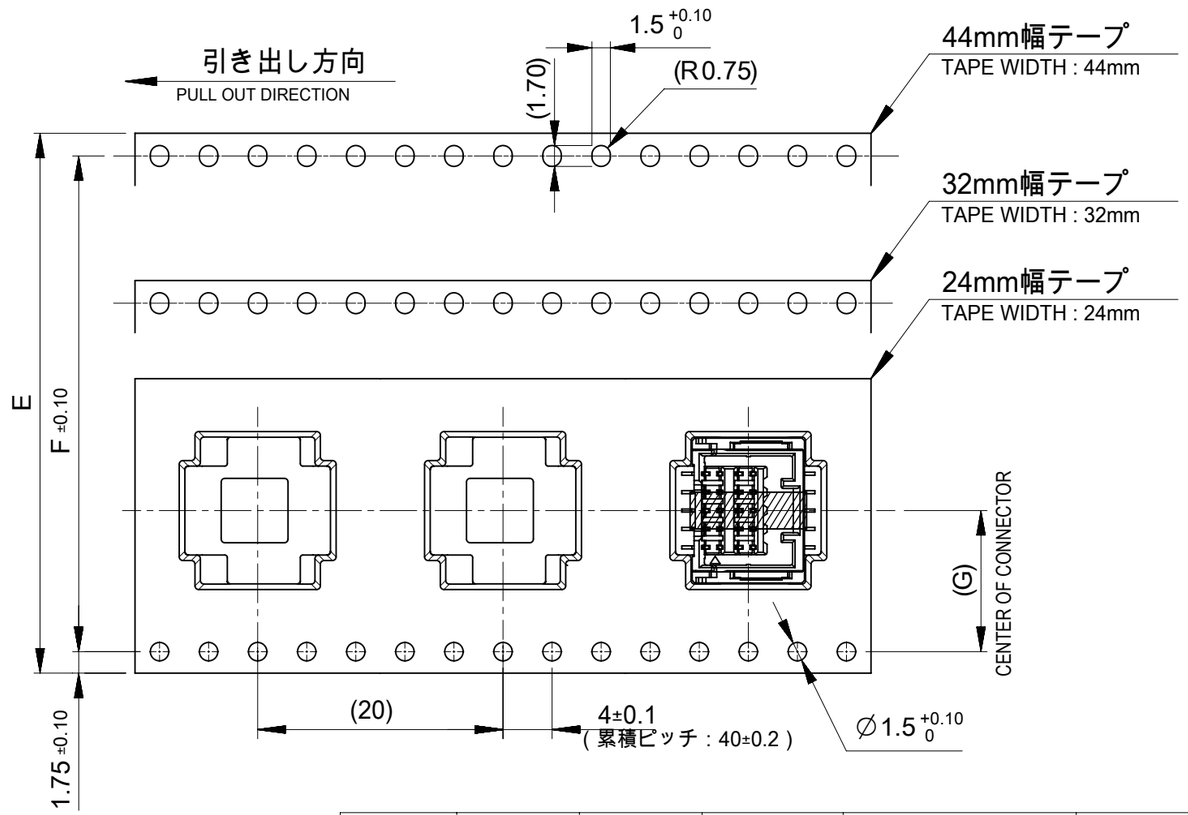
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	503154	503154****	GENERAL	3 OF 6

DOCUMENT STATUS	P1	RELEASE DATE	2021/05/10 08:34:29

FORMAT: master-lb-prod-A3
REVISION: J
DATE: 2020/01/14







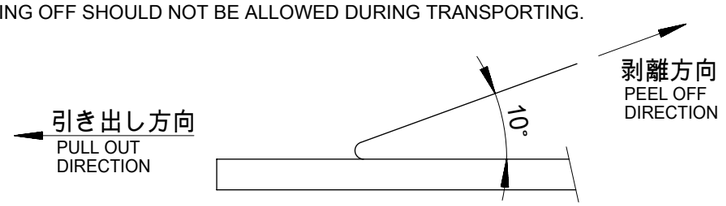
NOTE

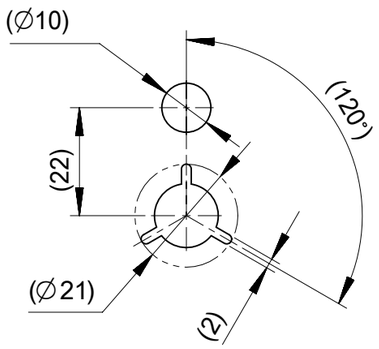
6．梱包数量　：　450個 / リール
NUMBER OF CONNECTORS : 450 PIECES/REEL

7．リードテープ長さ
LEAD TAPE LENGTH



8．トップテープの剥離強度: 0.1 ~ 1.3N
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)

J	H	G	F	エンボステープ幅E WIDTH OF TAPE	極数 CIRCUIT NO
49.4	45.4	20.2	40.4	44±0.3	34
					32
					30
					28
					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: 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	±	0.2
0 PLACES	±	0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REVISED

EC NO: 647134
DRWN: MIKEDA01 2020/10/01
CHK'D: SAKIYAMA 2021/05/10
APPR: KOMURAKAMI 2021/05/10

INITIAL REVISION:
DRWN: MIKEDA01 2019/04/25
APPR: KOMURAKAMI 2020/03/03

THIRD ANGLE PROJECTION　DRAWING: A3-SIZE　SERIES: 503154

molex

CLIK-MATE 1.5
DUAL ROW SMT VT TYPE REC ASSY TIN PLATING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
5031540000-SD	PSD	000	B

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
503154****	GENERAL	4 OF 6

DOCUMENT STATUS: P1　RELEASE DATE: 2021/05/10　08:34:29

FORMAT: master-tb-prod-A3
REVISION: J
DATE: 2020/01/14

△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
	503154**9*	SPK-503154-001

適用嵌合相手 MATE WITH	HOUSING	TERMINAL	
		#24-28	#28-30
シリーズ番号 SERIES NUMBER	503149	502579	503429
製品仕様書 PRODUCT SPECIFICATION	5031490000-PS		
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	±	0.2
0 PLACES	±	0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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APPR: KOMURAKAMI 2021/05/10

INITIAL REVISION:
DRWN: MIKEDA01 2019/04/25
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molex

CLIK-MATE 1.5
DUAL ROW SMT VT TYPE REC ASSY TIN PLATING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
5031540000-SD	PSD	000	B

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	503154	503154****	GENERAL	5 OF 6

DOCUMENT STATUS	P1	RELEASE DATE	2021/05/10 08:34:29

FORMAT: master-tb-prod-A3
REVISION: J
DATE: 2020/01/14

△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
-	-	-	503154 3491	503154 3490	34
503154 3296	503154 3294	503154 3292	503154 3291	503154 3290	32
503154 3096	503154 3094	503154 3092	503154 3091	503154 3090	30
503154 2896	503154 2894	503154 2892	503154 2891	503154 2890	28
503154 2696	503154 2694	503154 2692	503154 2691	503154 2690	26
503154 2496	503154 2494	503154 2492	503154 2491	503154 2490	24
503154 2296	503154 2294	503154 2292	503154 2291	503154 2290	22
503154 2096	503154 2094	503154 2092	503154 2091	503154 2090	20
503154 1896	503154 1894	503154 1892	503154 1891	503154 1890	18
503154 1696	503154 1694	503154 1692	503154 1691	503154 1690	16
503154 1496	503154 1494	503154 1492	503154 1491	503154 1490	14
503154 1296	503154 1294	503154 1292	503154 1291	503154 1290	12
503154 1096	503154 1094	503154 1092	503154 1091	503154 1090	10
503154 0896	503154 0894	503154 0892	503154 0891	503154 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 °
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3 PLACES	±	0.2
2 PLACES	±	0.2
1 PLACE	±	0.2
0 PLACES	±	0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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INITIAL REVISION:
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molex

CLIK-MATE 1.5
DUAL ROW SMT VT TYPE REC ASSY TIN PLATING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
5031540000-SD	PSD	000	B

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	503154	503154****	GENERAL	6 OF 6

DOCUMENT STATUS	P1	RELEASE DATE	2021/05/10 08:34:29

FORMAT: master-lb-prod-A3
REVISION: J
DATE: 2020/01/14