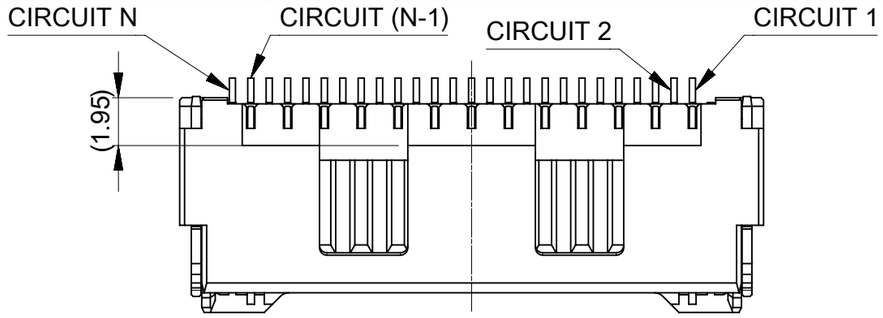
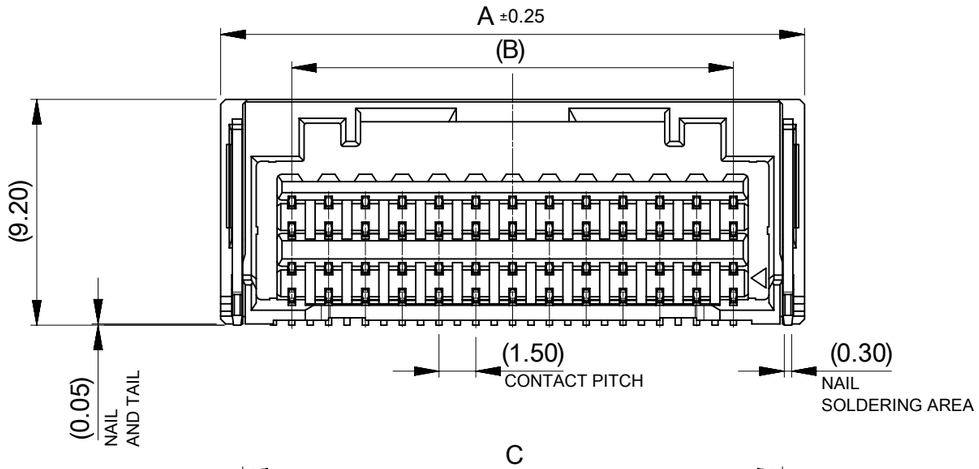
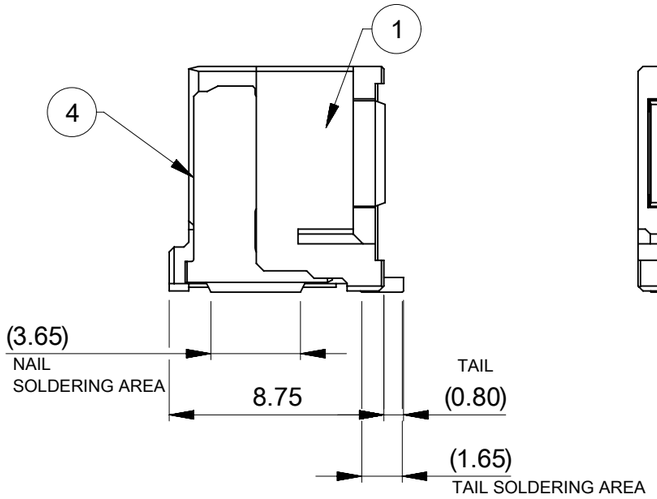


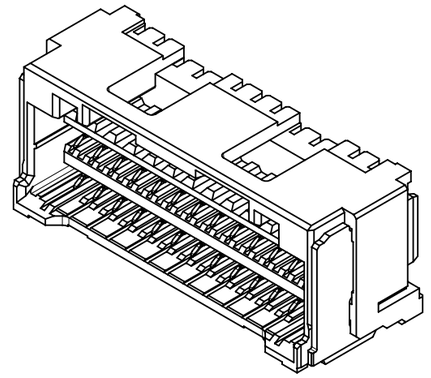



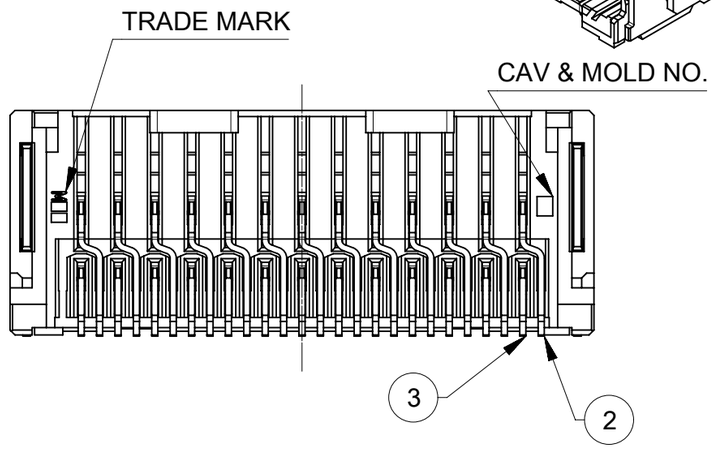




## NOTE

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 関連製品・ 書類はSHEET 5を参照ください
REFER TO SHEET 5 ABOUT RELATED PRODUCTS AND DOCUMENTS






△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.

213228 * * * *

- シリーズ番号 SERIES NO
- 極数 CIRCUIT SIZE
- 色 COLOR
- 金めっき厚 GOLD PLATING THICKNESS

| 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<br>POLYAMIDE(PA) UL94V-0 COLOR : SEE CHART | |
| ②<br>③ | ターミナル TERMINAL | 銅合金<br>COPPER ALLOY | |
| | | コンタクト部<br>CONTACT AREA | 金めっき : 製品一覧参照<br>GOLD PLATING : SEE PRODUCT LIST |
| | | テール部<br>TAIL AREA | 無光沢錫めっき : 1.0 micro-meter MIN<br>MATTE TIN PLATING: 1.0 micro-meter MIN |
| | | 下地めっき(全面)<br>UNDER PLATING (WHOLE SURFACE) | ニッケルめっき : 1.0 micro-meter MIN<br>NICKEL PLATING : 1.0 micro-meter MIN |
| ④ | ネイル NAIL | 黄銅<br>BRASS | |
| | | 無光沢錫めっき : 1.0 micro-meter MIN<br>MATTE TIN PLATING | |
| | | ニッケルめっき(下地) : 1.0 micro-meter MIN<br>NICKEL PLATING(UNDER PLATING) | |

| CIRCUIT | No. | GOLD THK[µm] | No. | COLOR |
|---|---|---|---|---|
| 08 ~ 26 | 1 | 0.1 | 0 | ナチュラル NATURAL |
| | 3 | 0.38 | 1 | 黒 BLACK |
| | 7 | 0.76 | | |

| | | | | |
|---|---|---|---|---|
| 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 CKT.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 | ± | 0.2 |
| 0 PLACES | ± | 0.2 |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 742719
DRWN: MIKEDA01 2023/06/23
CHK'D: SAKIYAMA 2023/06/23
APPR: AIDA 2023/06/23

INITIAL REVISION:
DRWN: MIKEDA01 2019/10/01
APPR: KOMURAKAMI 2019/11/20

molex

CLIK-MATE 1.5
DUAL ROW SMT R/A TYPE GOLD PLATING

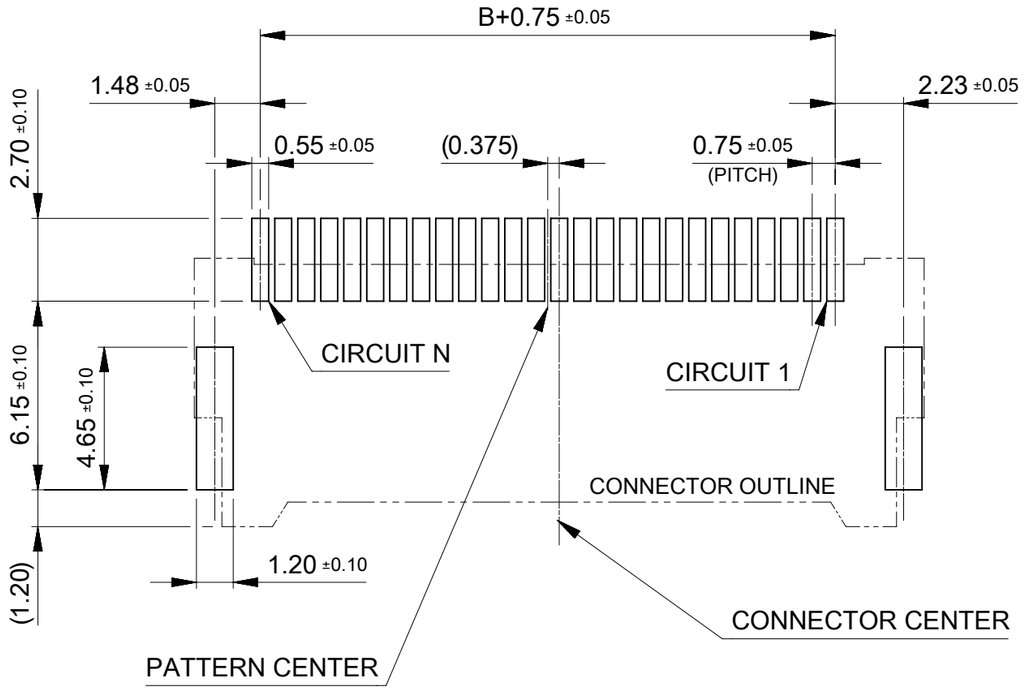
PRODUCT CUSTOMER DRAWING

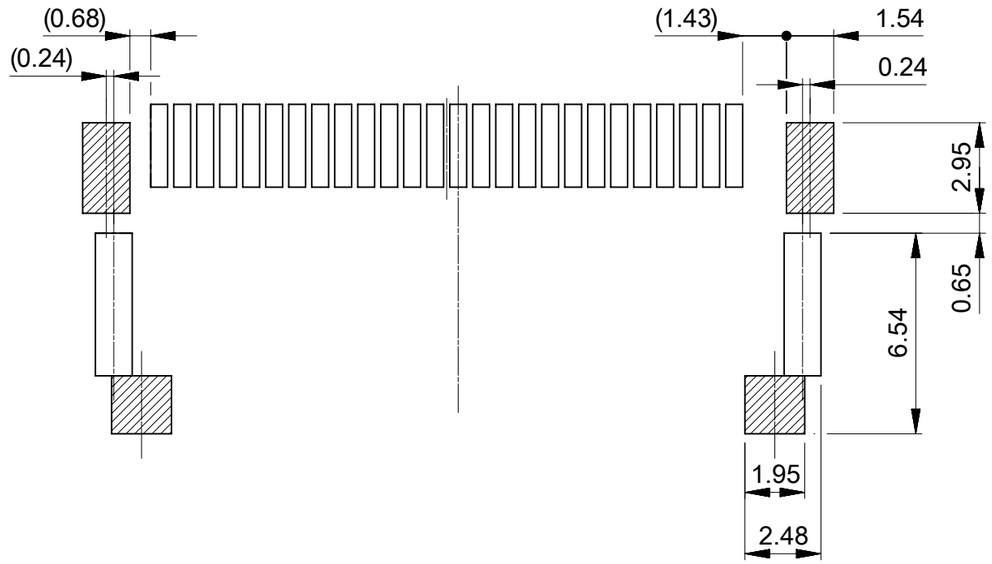
| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 2132280000-SD | PSD | 000 | G |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 213228 | SEE CHART | GENERAL | 1 OF 6 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/06/23 10:36:45 |
|---|---|---|---|

FORMAT: master-ib-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 MASK THICKNESS 0.10MM, APERTURE RATIO 100%)

## 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 |
|---|---|
| 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:

EC NO: 742719
DRWN: MIKEDA01 2023/06/23
CHK'D: SAKIYAMA 2023/06/23
APPR: AIDA 2023/06/23

INITIAL REVISION:
DRWN: MIKEDA01 2019/10/01
APPR: KOMURAKAMI 2019/11/20

molex

CLIK-MATE 1.5
DUAL ROW SMT R/A TYPE GOLD PLATING

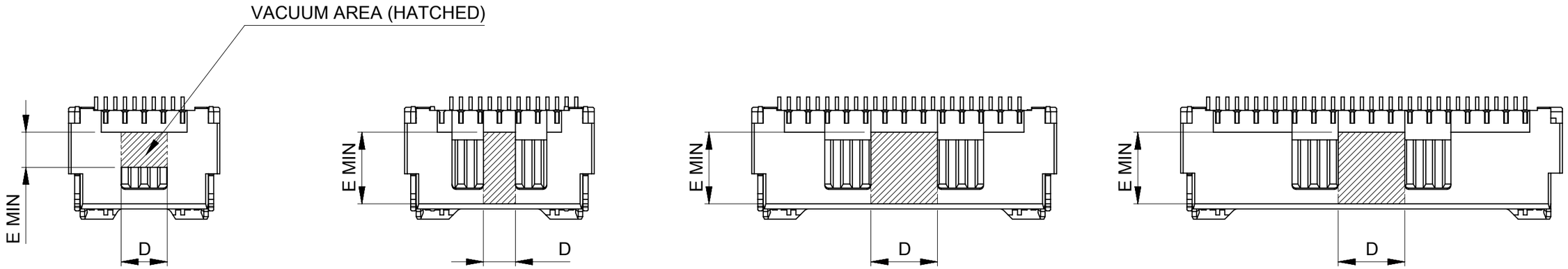
PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 2132280000-SD | PSD | 000 | G |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 213228 | SEE CHART | GENERAL | 2 OF 6 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/06/23 10:36:45 |
|---|---|---|---|

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



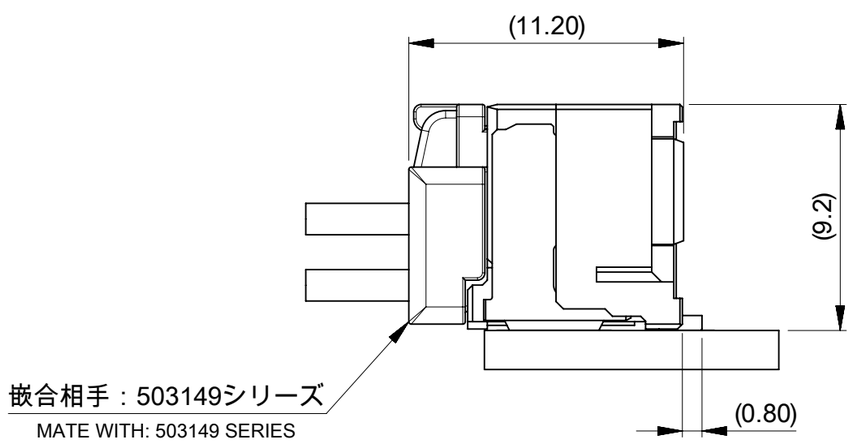

8-10極
8-10 CKT

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 VACUUM AREA AT EACH CKTS




# 嵌合図
MATED CONNECTORS

| | | |
|---|---|---|
| 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 |
| E | D | CKT 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:

EC NO: 742719
DRWN: MIKEDA01 2023/06/23
CHK'D: SAKIYAMA 2023/06/23
APPR: AIDA 2023/06/23

INITIAL REVISION:
DRWN: MIKEDA01 2019/10/01
APPR: KOMURAKAMI 2019/11/20

molex

CLIK-MATE 1.5
DUAL ROW SMT R/A TYPE GOLD PLATING

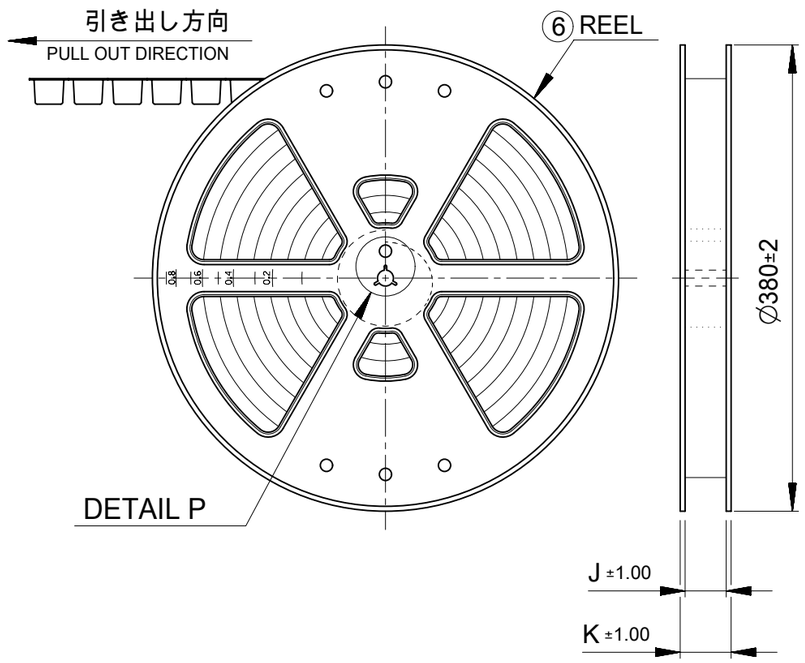
PRODUCT CUSTOMER DRAWING

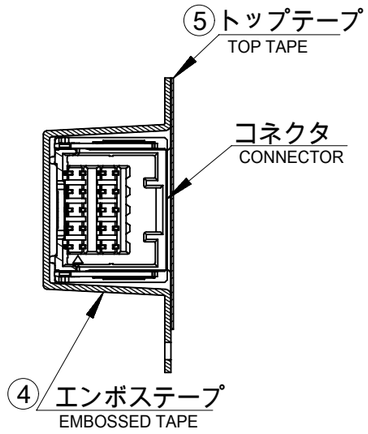
| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 2132280000-SD | PSD | 000 | G |

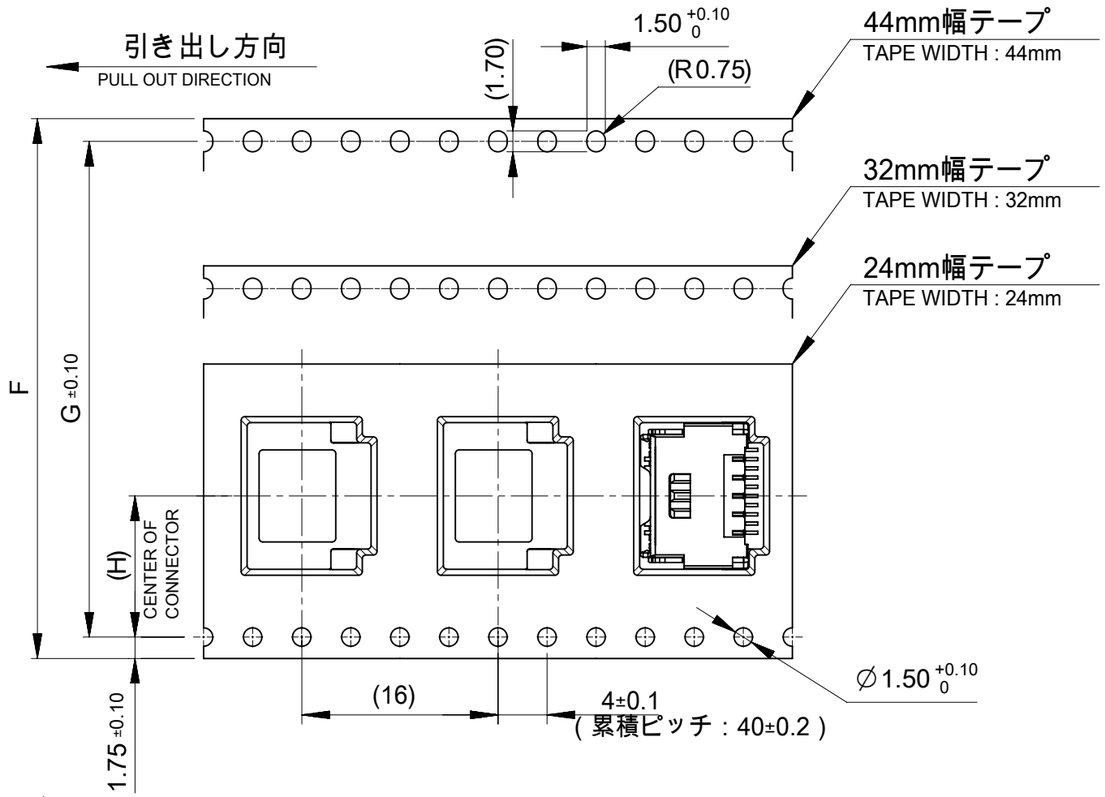
| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 213228 | SEE CHART | GENERAL | 3 OF 6 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/06/23 10:36:45 |
|---|---|---|---|

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



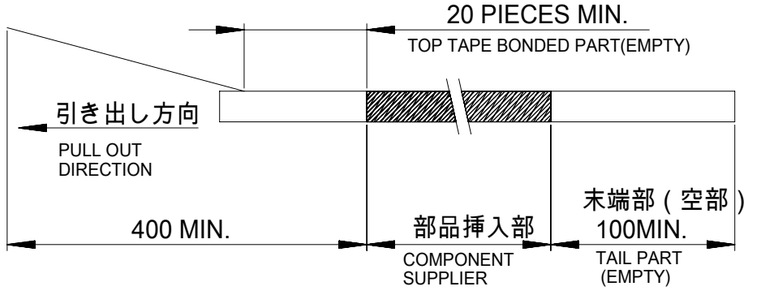




## NOTE

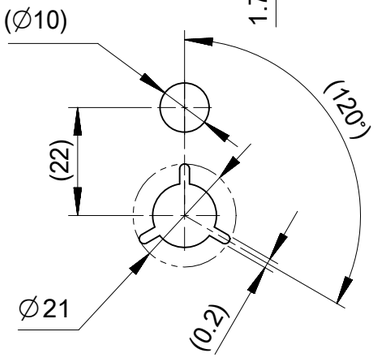
5．梱包数量　：　550個 / リール
NUMBER OF CONNECTORS : 550 PIECES/REEL

6．リードテープ長さ
LEAD TAPE LENGTH




7．トップテープの剥離強度はJIS C0806-3 準拠
TOP TAPE PEELING OFF FORCE IS DIFINED BY JIS C0806-3.

8．本製品は乾燥剤入り、ハイバリア梱包である。
THIS PRODUCT IS DELIVERED IN HIGH BARRIER PACKAGE WITH DESICCANT.




| K | J | H | G | エンボステープ幅F WIDTH OF TAPE | CKT 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 |

| 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) |

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:

EC NO: 742719
DRWN: MIKEDA01 2023/06/23
CHK'D: SAKIYAMA 2023/06/23
APPR: AIDA 2023/06/23

INITIAL REVISION:
DRWN: MIKEDA01 2019/10/01
APPR: KOMURAKAMI 2019/11/20

molex

CLIK-MATE 1.5
DUAL ROW SMT R/A TYPE GOLD PLATING

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 2132280000-SD | PSD | 000 | G |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 213228 | SEE CHART | GENERAL | 4 OF 6 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/06/23 10:36:45 |
|---|---|---|---|

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

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

| 梱包仕様書<br>PACKAGING SPECIFICATION | PART NUMBER | DOCUMENT NUMBER |
|---|---|---|
| | 213228 **** | 2132289200-SPK |

| 適用嵌合相手<br>MATE WITH | HOUSING | TERMINAL (GOLD PLATING) | | |
|---|---|---|---|---|
| | | PLATING THK | #24-28 | #28-30 |
| 製品番号<br>PRODUCT NUMBER | 503149 **** | 0.1 micro-meters | 213028 1*00 | 213029 1*00 |
| | | 0.38 micro-meters | 213028 3*00 | 213029 3*00 |
| | | 0.76 micro-meters | 213028 7*00 | 213029 7*00 |
| 製品仕様書<br>PRODUCT SPECIFICATION | 5031490002-PS/PS/000 | | | |
| アプリケーション仕様書<br>APPLICATION SPECIFICATION | AS-503149-001 | | | |

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:

EC NO: 742719
DRWN: MIKEDA01 2023/06/23
CHK'D: SAKIYAMA 2023/06/23
APPR: AIDA 2023/06/23

INITIAL REVISION:
DRWN: MIKEDA01 2019/10/01
APPR: KOMURAKAMI 2019/11/20

molex

CLIK-MATE 1.5
DUAL ROW SMT R/A TYPE GOLD PLATING

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 2132280000-SD | PSD | 000 | G |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 213228 | SEE CHART | GENERAL | 5 OF 6 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/06/23 10:36:45 |
|---|---|---|---|

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

## △4 製品一覧
PRODUCTS LIST

| 黒 BLACK | ナチュラル NATURAL | HOUSING COLOR | |
|---|---|---|---|
| 213228 2611 | 213228 2610 | 26 | 213228 **1* (GOLD PLATING THICKNESS: 0.1 micro-meters MIN) |
| 213228 2411 | 213228 2410 | 24 | |
| 213228 2211 | 213228 2210 | 22 | |
| 213228 2011 | 213228 2010 | 20 | |
| 213228 1811 | 213228 1810 | 18 | |
| 213228 1611 | 213228 1610 | 16 | |
| 213228 1411 | 213228 1410 | 14 | |
| 213228 1211 | 213228 1210 | 12 | |
| 213228 1011 | 213228 1010 | 10 | |
| 213228 0811 | 213228 0810 | 8 | |
| オーダー番号 ORDER No | | 極数 CKT | MODEL NO |

| 黒 BLACK | ナチュラル NATURAL | HOUSING COLOR | |
|---|---|---|---|
| 213228 2631 | 213228 2630 | 26 | 213228 **3* (GOLD PLATING THICKNESS: 0.38 micro-meters MIN) |
| 213228 2431 | 213228 2430 | 24 | |
| 213228 2231 | 213228 2230 | 22 | |
| 213228 2031 | 213228 2030 | 20 | |
| 213228 1831 | 213228 1830 | 18 | |
| 213228 1631 | 213228 1630 | 16 | |
| 213228 1431 | 213228 1430 | 14 | |
| 213228 1231 | 213228 1230 | 12 | |
| 213228 1031 | 213228 1030 | 10 | |
| 213228 0831 | 213228 0830 | 8 | |
| オーダー番号 ORDER No | | 極数 CKT | MODEL NO |

| 黒 BLACK | ナチュラル NATURAL | HOUSING COLOR | |
|---|---|---|---|
| 213228 2671 | 213228 2670 | 26 | 213228 **7* (GOLD PLATING THICKNESS: 0.76 micro-meters MIN) |
| 213228 2471 | 213228 2470 | 24 | |
| 213228 2271 | 213228 2270 | 22 | |
| 213228 2071 | 213228 2070 | 20 | |
| 213228 1871 | 213228 1870 | 18 | |
| 213228 1671 | 213228 1670 | 16 | |
| 213228 1471 | 213228 1470 | 14 | |
| 213228 1271 | 213228 1270 | 12 | |
| 213228 1071 | 213228 1070 | 10 | |
| 213228 0871 | 213228 0870 | 8 | |
| オーダー番号 ORDER No | | 極数 CKT | MODEL 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:

EC NO: 742719
DRWN: MIKEDA01 2023/06/23
CHK'D: SAKIYAMA 2023/06/23
APPR: AIDA 2023/06/23

INITIAL REVISION:
DRWN: MIKEDA01 2019/10/01
APPR: KOMURAKAMI 2019/11/20

molex

CLIK-MATE 1.5
DUAL ROW SMT R/A TYPE GOLD PLATING

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 2132280000-SD | PSD | 000 | G |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 213228 | SEE CHART | GENERAL | 6 OF 6 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/06/23 10:36:45 |
|---|---|---|---|

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