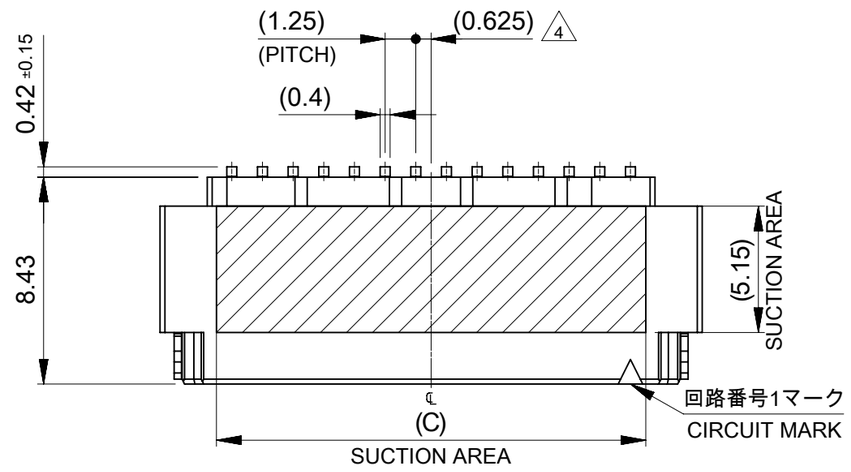
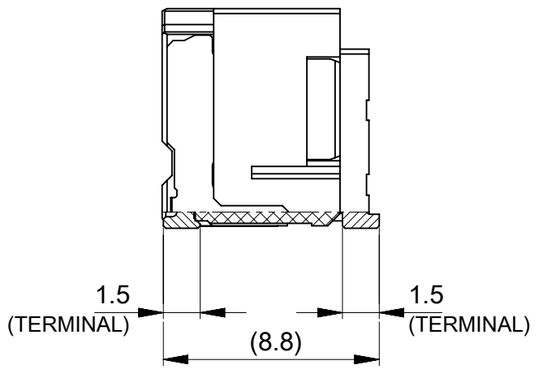
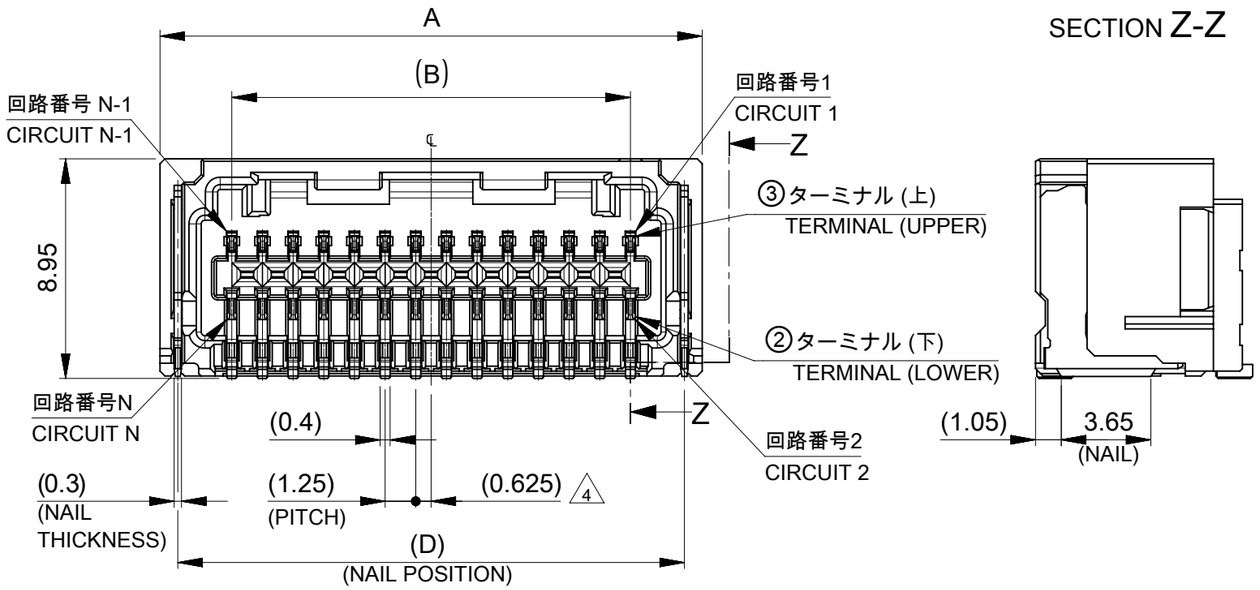


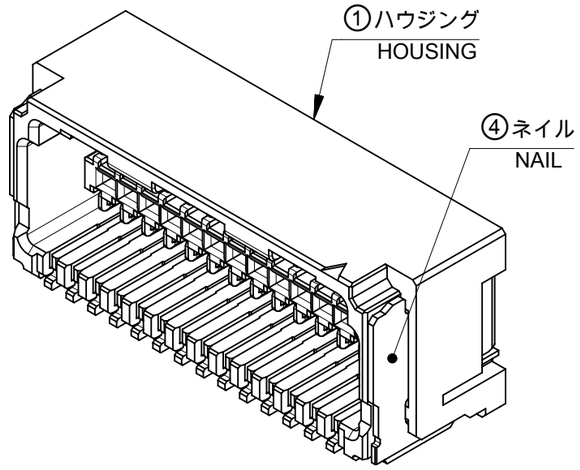




SECTION Z-Z










△1 TABLE 1

| 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：SHEET 4参照<br>POLYAMIDE(PA), UL94V-0, COLOR : SEE SHEET 4 |
| ②<br>③ | ターミナル TERMINAL | 黄銅<br>BRASS |
| | | 接点部：金めっき めっき厚は注記5参照<br>CONTACT : GOLD PLATING<br>PLATING THICKNESS : SEE NOTE 5. |
| | | ニッケルめっき(下地めっき): 2.0 MICROMETER MINIMUM<br>NICKEL PLATING (UNDER PLATING) |
| ④ | ネイル NAIL | 黄銅<br>BRASS |
| | | 錫ビスマスめっき：1.0 MICROMETER MINIMUM<br>TIN-BISMUTH PLATING |
| | | ニッケルめっき(下地めっき): 1.0 MICROMETER MINIMUM<br>NICKEL PLATING (UNDER PLATING) |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/09/15 07:11:21 |
|---|---|---|---|

注記 NOTES

△1 材料及び仕上げ(めっき仕様)：TABLE 1, TABLE2 参照
MATERIAL AND FINISHES(PLATING SPECIFICATION) : SEE TABLE 1, TABLE2.

△2 嵌合相手：204523シリーズ
MATE WITH : 204523 SERIES

3. 端子テール部 及び ネイルの平坦度：0.12 MAXIMUM
TAIL AND NAIL COPLANARITY TO BE 0.12 MAXIMUM

△4 極数 / 2 = 偶数に適合
APPLY TO CIRCUIT SIZE / 2 = EVEN

△5 発注番号：SHEET 4 参照
ORDER NUMBER : PLEASE REFER TO SHEET 4

204519 ** * *

極数 CIRCUIT SIZE

| 番号 NO. | 接点部 金めっき厚 CONTACT GOLD PLATING THICKNESS [MICROMETER MINIMUM] |
|---|---|
| 9 | 0.1 |
| 3 | 0.38 |
| 5 | 0.76 |

| NO. | ハウジングカラー HOUSING COLOR |
|---|---|
| 0 | ナチュラル（白） NATURAL(WHITE) |
| 1 | 黒 BLACK |

6. コネクタ取扱説明書：5054320000-AS PS 000
APPLICATION SPECIFICATION : 5054320000-AS PS 000

7. 製品仕様書：2045230002-PS PS 000
PRODUCT SPECIFICATION : 2045230002-PS PS 000

| | | | | |
|---|---|---|---|---|
| 29.4 | 26.25 | 25 | 30.85 | 42 |
| 28.15 | 25 | 23.75 | 29.6 | 40 |
| 26.9 | 23.75 | 22.5 | 28.35 | 38 |
| 25.65 | 22.5 | 21.25 | 27.1 | 36 |
| 24.4 | 21.25 | 20 | 25.85 | 34 |
| 23.15 | 20 | 18.75 | 24.6 | 32 |
| 21.9 | 18.75 | 17.5 | 23.35 | 30 |
| 20.65 | 17.5 | 16.25 | 22.1 | 28 |
| 19.4 | 16.25 | 15 | 20.85 | 26 |
| 18.15 | 15 | 13.75 | 19.6 | 24 |
| 16.9 | 13.75 | 12.5 | 18.35 | 22 |
| 15.65 | 12.5 | 11.25 | 17.1 | 20 |
| 14.4 | 11.25 | 10 | 15.85 | 18 |
| 13.15 | 10 | 8.75 | 14.6 | 16 |
| 11.9 | 8.75 | 7.5 | 13.35 | 14 |
| 10.65 | 7.5 | 6.25 | 12.1 | 12 |
| 9.4 | 6.25 | 5 | 10.85 | 10 |
| 8.15 | 5 | 3.75 | 9.6 | 8 |
| D | C | B | A | 極数 CIRCUIT SIZE |

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: 761705
DRWN: SOKUMURA01 2023/09/07
CHK'D: SAKIYAMA 2023/09/15
APPR: AIDA 2023/09/15

INITIAL REVISION:
DRWN: RTANAKA02 2021/02/15
APPR: AIDA 2022/11/30

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 204519

molex

MICRO-LOCK PLUS 1.25 W/B
DUAL ROW RIGHT ANGLE SMT PLUG ASSEMBLY
LOW-HALOGEN GOLD-PLATING

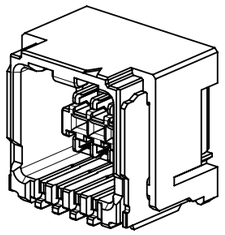
PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 2045190002-SD | PSD | 000 | C |

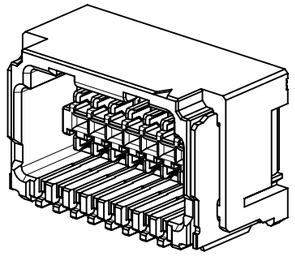
| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE SHEET 4 | GENERAL | 1 OF 4 |

FORMAT: master-dynamic-A3
DATE: 2021/02/01
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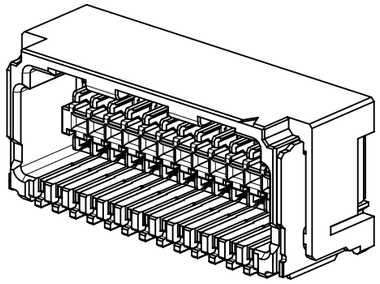
## 製品形状
## PRODUCT SHAPE



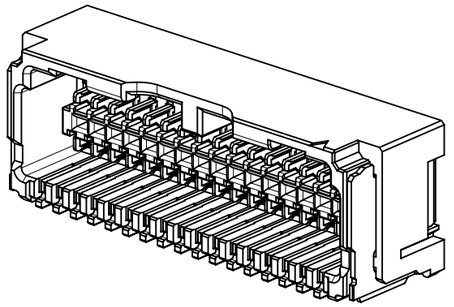
8-14極
8-14 CIRCUIT



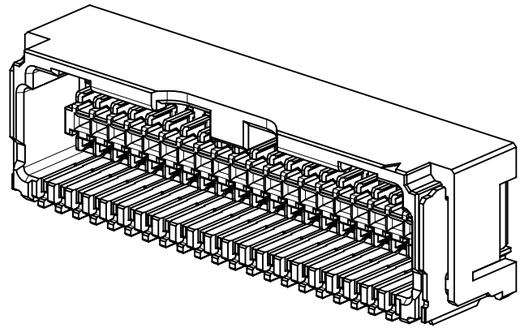
16-24極
16-24 CIRCUIT



26-32極
26-32 CIRCUIT

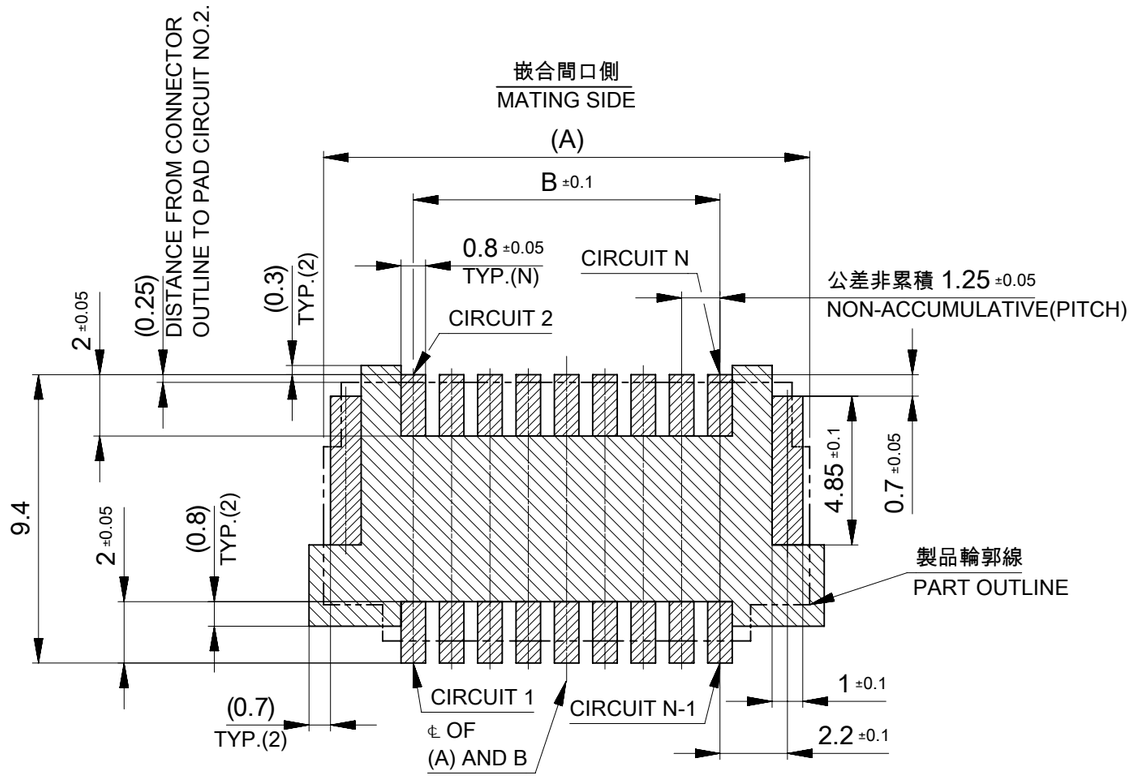


34-40極
34-40 CIRCUIT



42極
42 CIRCUIT

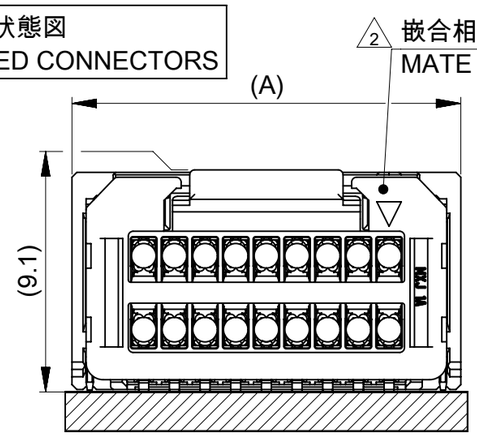
## 基板パターンレイアウト
## PCB PATTERN LAYOUT



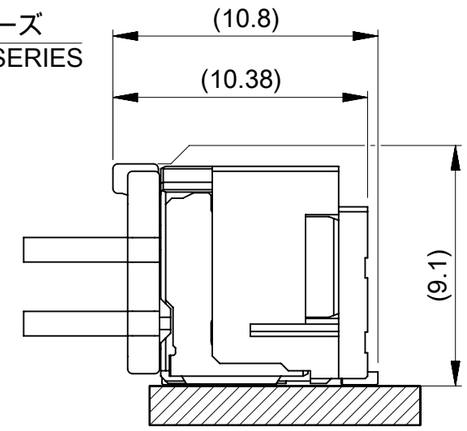

基板パターンレイアウト ( 参考 )
(参考 : 基板厚 1.6mm, メタルマスク厚さ 0.15mm, マスク開口率 100%)
RECOMMEND PCB LAYOUT : COMPONENT SIDE
(REFERENCE : PCB THICKNESS 1.6mm, STENCIL THICKNESS 0.15mm, APERTURE RATIO 100%)

パターン禁止エリア
RESTRICTED AREA
NO PCB COMPONENTS ALLOWED

## 嵌合状態図
## MATED CONNECTORS




△2 嵌合相手 : 204523シリーズ
MATE WITH : 204523 SERIES




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: 761705
DRWN: SOKUMURA01 2023/09/07
CHK'D: SAKIYAMA 2023/09/15
APPR: AIDA 2023/09/15

INITIAL REVISION:
DRWN: RTANAKA02 2021/02/15
APPR: AIDA 2022/11/30

molex

MICRO-LOCK PLUS 1.25 W/B
DUAL ROW RIGHT ANGLE SMT PLUG ASSEMBLY
LOW-HALOGEN GOLD-PLATING

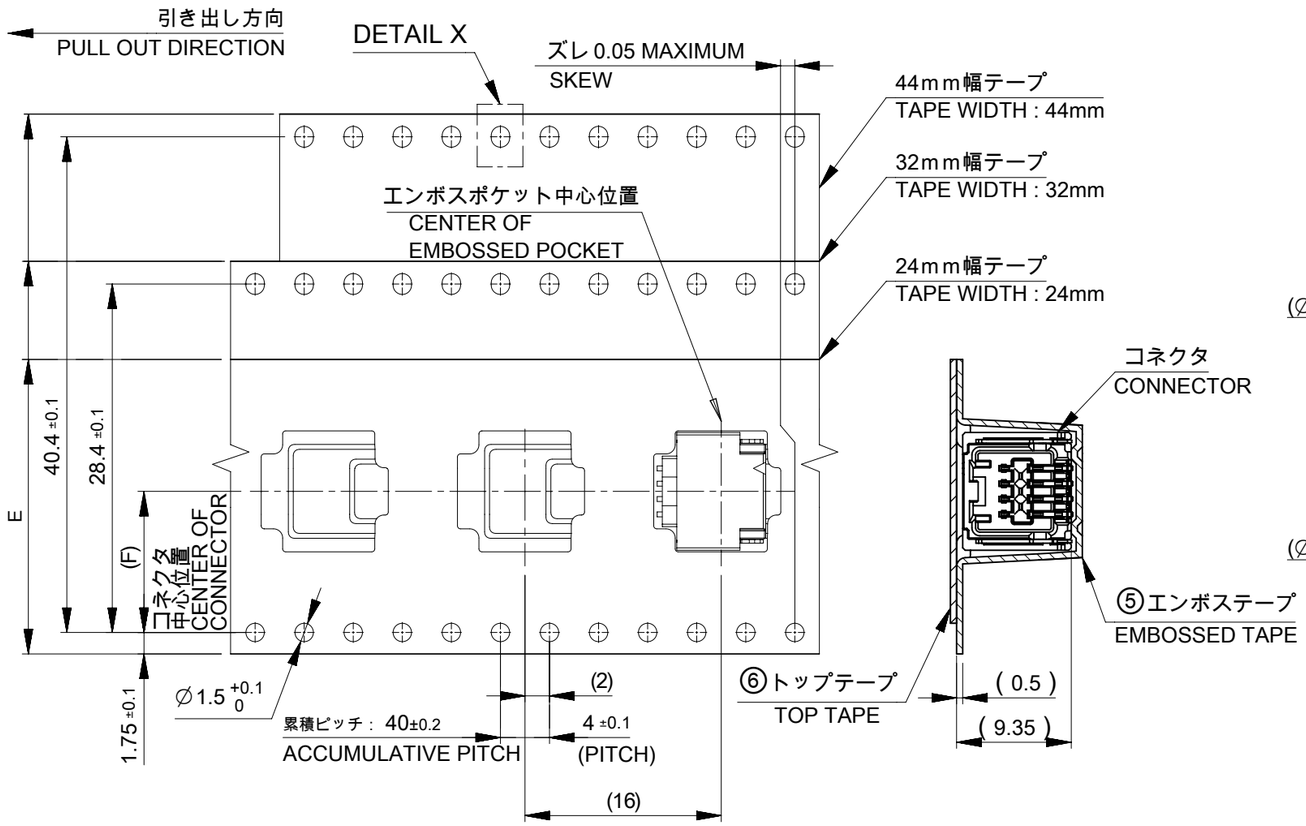
PRODUCT CUSTOMER DRAWING

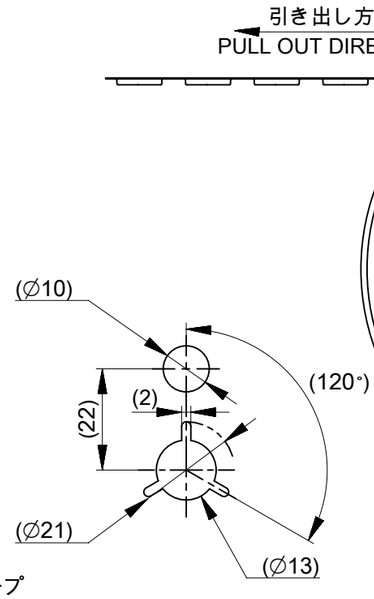
| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 2045190002-SD | PSD | 000 | C |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 204519 | SEE SHEET 4 | GENERAL | 2 OF 4 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/09/15 07:11:21 |
|---|---|---|---|

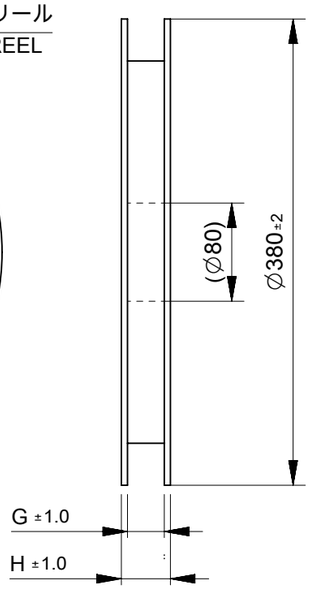
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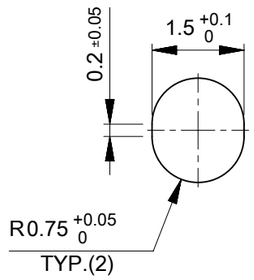



DETAIL W



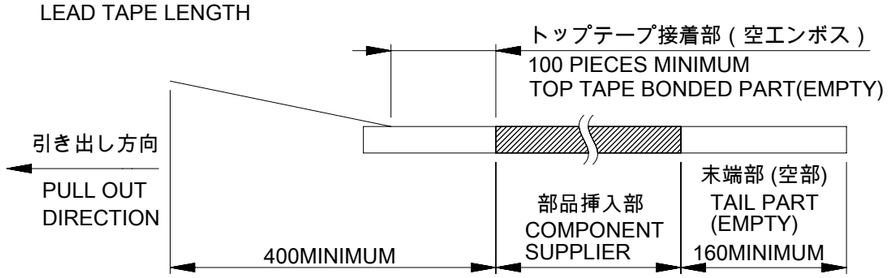




DETAIL X

## 注記 NOTES

10. 梱包数量　：　500個
    NUMBER OF CONNECTIORS : 500 PIECES/REEL.
11. 梱包仕様書：2045199200-SPK PS 200
    PACKING SPECIFICATION : 2045199200-SPK PS 200
12. リードテープ長さ
    LEAD TAPE LENGTH




11. トップテープの剥離強度については、IEC60286-3に準拠
    TOP TAPE PEEL FORCE IS DEFINED BY IEC60286-3.

△1 TABLE 2

| 番号 NO. | 部品 PART | 材質 MATERIAL |
|---|---|---|
| ⑤ | エンボステープ EMBOSSED TAPE | ポリスチレン(PS) POLYSTYRENE(PS) |
| ⑥ | トップテープ TOP TAPE | ポリエチレン(PE)、その他 POLYETHYLENE(PE), OTHER |
| ⑦ | リール REEL | ポリスチレン(PS) ＜リサイクル材を含む＞ POLYSTYRENE(PS) ＜RECYCLE MATERIRAL CONTAINED＞ |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/09/15　07:11:21 |
|---|---|---|---|

| H | G | F | E | 極数 CIRCUIT SIZE |
|---|---|---|---|---|
| 49.4 | 45.4 | 20.2 | 44±0.3 | 42 |
| | | | | 40 |
| | | | | 38 |
| | | | | 36 |
| | | | | 34 |
| | | | | 32 |
| | | | | 30 |
| | | | | 28 |
| | | | | 26 |
| 37.4 | 33.4 | 14.2 | 32±0.3 | 24 |
| | | | | 22 |
| | | | | 20 |
| | | | | 18 |
| | | | | 16 |
| 29.4 | 25.4 | 11.5 | 24 +0.3 -0.1 | 14 |
| | | | | 12 |
| | | | | 10 |
| | | | | 8 |

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: 761705
DRWN: SOKUMURA01 2023/09/07
CHK'D: SAKIYAMA 2023/09/15
APPR: AIDA 2023/09/15

INITIAL REVISION:
DRWN: RTANAKA02 2021/02/15
APPR: AIDA 2022/11/30

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 204519

molex

MICRO-LOCK PLUS 1.25 W/B
DUAL ROW RIGHT ANGLE SMT PLUG ASSEMBLY
LOW-HALOGEN GOLD-PLATING

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 2045190002-SD | PSD | 000 | C |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE SHEET 4 | GENERAL | 3 OF 4 |

FORMAT: master-drawing-A3
DATE: 2021/02/15
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## △5 204519**9* 発注番号一覧 ORDER NUMBER LIST

| BLACK | NATURAL (WHITE) | HOUSING COLOR |
|---|---|---|
| 2045194291 | 2045194290 | 42 |
| 2045194091 | 2045194090 | 40 |
| 2045193891 | 2045193890 | 38 |
| 2045193691 | 2045193690 | 36 |
| 2045193491 | 2045193490 | 34 |
| 2045193291 | 2045193290 | 32 |
| 2045193091 | 2045193090 | 30 |
| 2045192891 | 2045192890 | 28 |
| 2045192691 | 2045192690 | 26 |
| 2045192491 | 2045192490 | 24 |
| 2045192291 | 2045192290 | 22 |
| 2045192091 | 2045192090 | 20 |
| 2045191891 | 2045191890 | 18 |
| 2045191691 | 2045191690 | 16 |
| 2045191491 | 2045191490 | 14 |
| 2045191291 | 2045191290 | 12 |
| 2045191091 | 2045191090 | 10 |
| 2045190891 | 2045190890 | 8 |
| 発注番号 ORDER NUMBER | | 極数 CIRCUIT SIZE |
| 梱包形態：エンボステープ梱包 PACKAGING STYLE : EMBOSSED TAPE AND REEL | | |

## △5 204519**5* 発注番号一覧 ORDER NUMBER LIST

| BLACK | NATURAL (WHITE) | HOUSING COLOR |
|---|---|---|
| 2045194251 | 2045194250 | 42 |
| 2045194051 | 2045194050 | 40 |
| 2045193851 | 2045193850 | 38 |
| 2045193651 | 2045193650 | 36 |
| 2045193451 | 2045193450 | 34 |
| 2045193251 | 2045193250 | 32 |
| 2045193051 | 2045193050 | 30 |
| 2045192851 | 2045192850 | 28 |
| 2045192651 | 2045192650 | 26 |
| 2045192451 | 2045192450 | 24 |
| 2045192251 | 2045192250 | 22 |
| 2045192051 | 2045192050 | 20 |
| 2045191851 | 2045191850 | 18 |
| 2045191651 | 2045191650 | 16 |
| 2045191451 | 2045191450 | 14 |
| 2045191251 | 2045191250 | 12 |
| 2045191051 | 2045191050 | 10 |
| 2045190851 | 2045190850 | 8 |
| 発注番号 ORDER NUMBER | | 極数 CIRCUIT SIZE |
| 梱包形態：エンボステープ梱包 PACKAGING STYLE : EMBOSSED TAPE AND REEL | | |

## △5 204519**3* 発注番号一覧 ORDER NUMBER LIST

| BLACK | NATURAL (WHITE) | HOUSING COLOR |
|---|---|---|
| 2045194231 | 2045194230 | 42 |
| 2045194031 | 2045194030 | 40 |
| 2045193831 | 2045193830 | 38 |
| 2045193631 | 2045193630 | 36 |
| 2045193431 | 2045193430 | 34 |
| 2045193231 | 2045193230 | 32 |
| 2045193031 | 2045193030 | 30 |
| 2045192831 | 2045192830 | 28 |
| 2045192631 | 2045192630 | 26 |
| 2045192431 | 2045192430 | 24 |
| 2045192231 | 2045192230 | 22 |
| 2045192031 | 2045192030 | 20 |
| 2045191831 | 2045191830 | 18 |
| 2045191631 | 2045191630 | 16 |
| 2045191431 | 2045191430 | 14 |
| 2045191231 | 2045191230 | 12 |
| 2045191031 | 2045191030 | 10 |
| 2045190831 | 2045190830 | 8 |
| 発注番号 ORDER NUMBER | | 極数 CIRCUIT SIZE |
| 梱包形態：エンボステープ梱包 PACKAGING STYLE : EMBOSSED TAPE AND REEL | | |

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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:

EC NO: 761705
DRWN: SOKUMURA01 2023/09/07
CHK'D: SAKIYAMA 2023/09/15
APPR: AIDA 2023/09/15

INITIAL REVISION:
DRWN: RTANAKA02 2021/02/15
APPR: AIDA 2022/11/30

molex

MICRO-LOCK PLUS 1.25 W/B
DUAL ROW RIGHT ANGLE SMT PLUG ASSEMBLY
LOW-HALOGEN GOLD-PLATING

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 2045190002-SD | PSD | 000 | C |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 204519 | SEE CHART | GENERAL | 4 OF 4 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/09/15 07:11:21 |
|---|---|---|---|

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