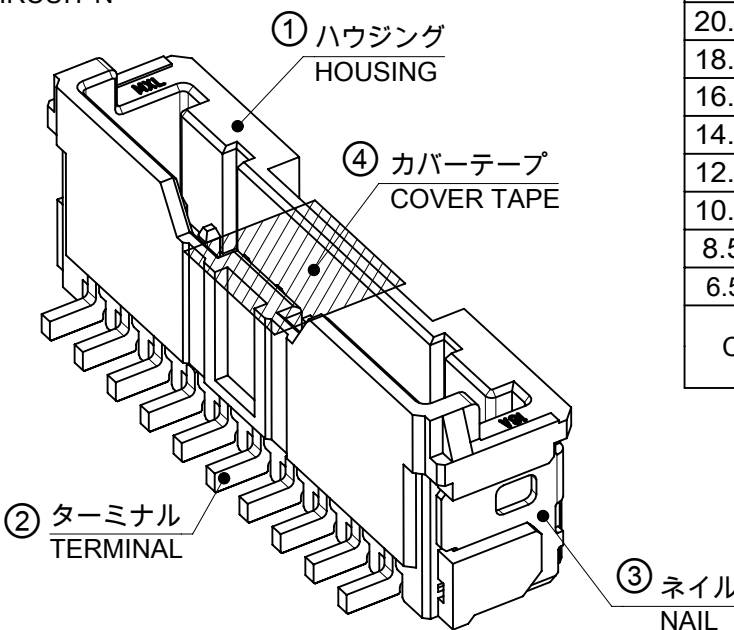
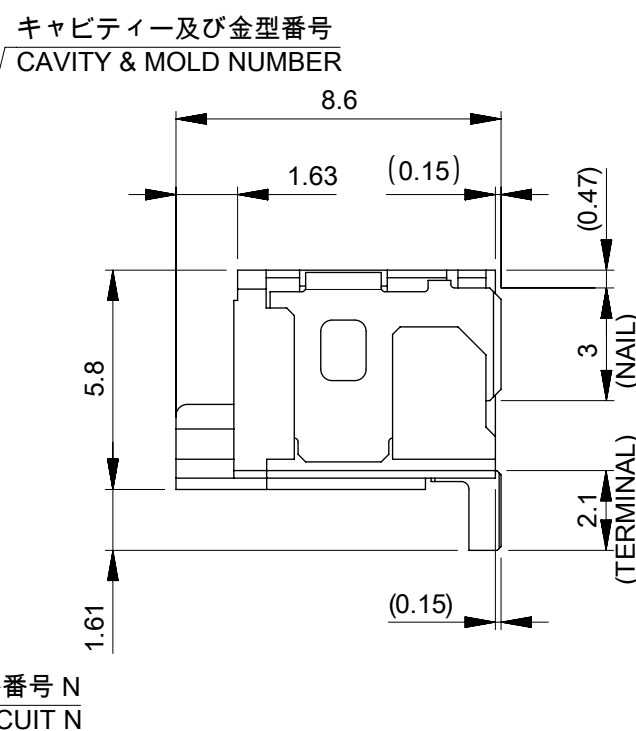
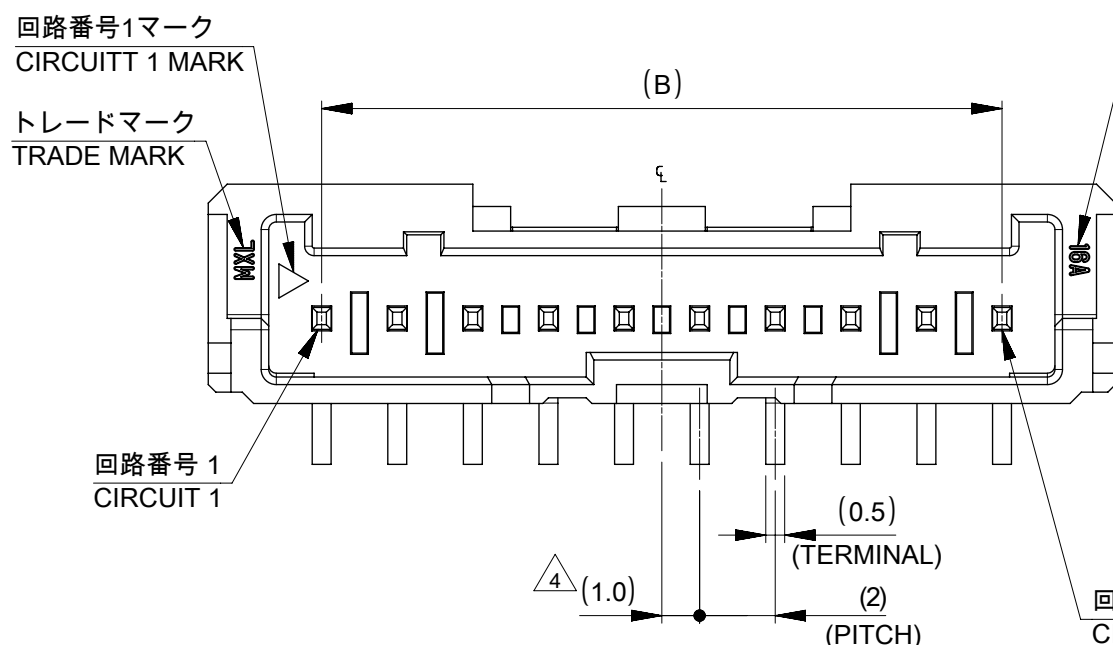
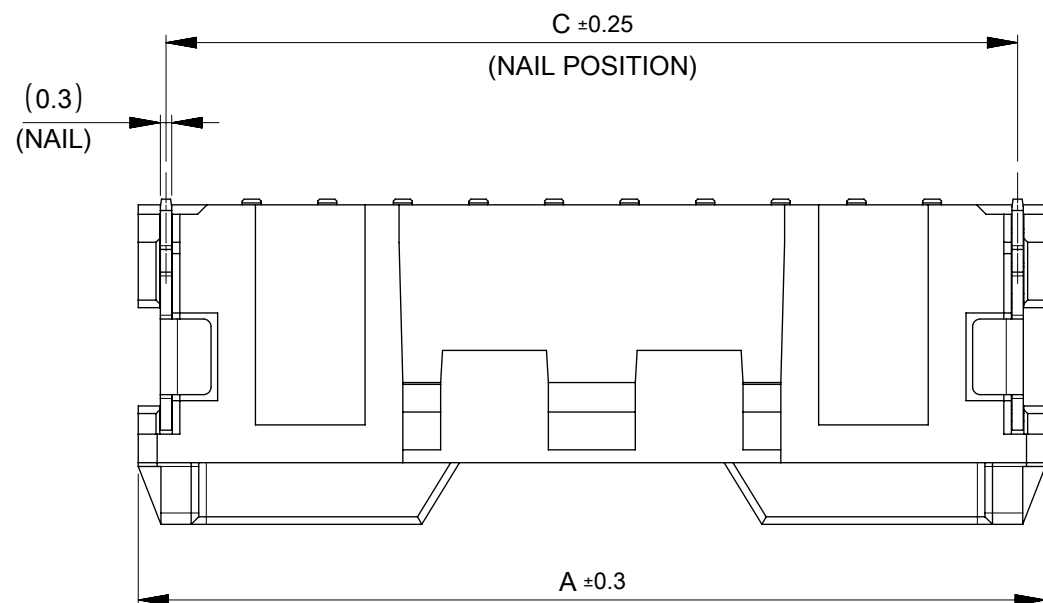




| 番号<br>NO. | 部品<br>PART           | 材質<br>MATERIAL                                                               |
|-----------|----------------------|------------------------------------------------------------------------------|
| ①         | ハウジング<br>HOUSING     | ポリアミド(PA), UL94 V-0, 色 : 注記8参照<br>POLYAMIDE(PA), UL94 V-0, COLOR: SEE NOTE 8 |
| ②         | ターミナル<br>TERMINAL    | 黄銅<br>BRASS                                                                  |
|           |                      | 錫めっき : 1.0 MICROMETER MINIMUM<br>MATTE TIN PLATING                           |
|           |                      | ニッケルめっき (下地めっき) : 1.0 MICROMETER MINIMUM<br>NICKEL PLATING (UNDER PLATING)   |
| ③         | ネイル<br>NAIL          | リン青銅<br>PHOSPHOR BRONZE                                                      |
|           |                      | 錫めっき : 1.0 MICROMETER MINIMUM<br>MATTE TIN PLATING                           |
|           |                      | ニッケルめっき (下地めっき) : 1.0 MICROMETER MINIMUM<br>NICKEL PLATING (UNDER PLATING)   |
| ④         | カバーテープ<br>COVER TAPE | ポリイミド<br>POLYIMIDE                                                           |

|                 |    |              |            |          |  |
|-----------------|----|--------------|------------|----------|--|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/08/04 | 04:03:59 |  |
|-----------------|----|--------------|------------|----------|--|

## NOTES

- ① 材質及び仕上げ(めっき仕様): TABLE 1, TABLE 2 参照  
MATERIAL AND FINISHES (PLATING SPECIFICATION): SEE TABLE 1 AND TABLE 2
- ② 適合嵌合相手: 505570シリーズ  
MATE WITH: 505570 SERIES
- ③ 端子テール部及びネイルの平坦度: 0.1mm以下  
TAIL AND NAIL COPLANARITY TO BE 0.1mm MAXIMUM.
- ④ 偶数極に適用  
APPLY TO EVEN CIRCUIT
- ⑤ 製品仕様書: 5055700001-PS PS 000  
PRODUCT SPECIFICATION: 5055700001-PS PS 000
- ⑥ コネクタ取扱説明書: 5055700001 PS A03  
APPLICATION SPECIFICATION: 5055700001 PS A03
- ⑦ 本製品は錫めっき品である。  
金めっき品は5055750002-SD PSD 000をご参照下さい。  
THIS IS TIN PLATING PRODUCT.  
PLEASE REFER TO 5055750002-SD PSD 000 FOR GOLD PLATING PRODUCT.

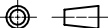
⑧ 発注番号  
ORDER NUMBER  
505575\*\*\*\*

極数  
CIRCUIT SIZE

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

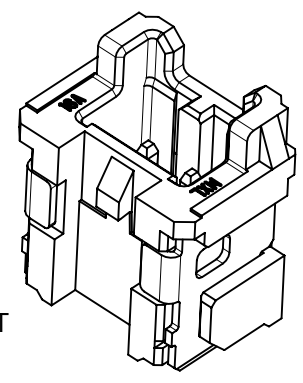
|           |                      |
|-----------|----------------------|
| 番号<br>NO. | カバーテープ<br>COVER TAPE |
| 7         | 無 WITHOUT            |
| 8         | 有 WITH               |

|       |    |    | WITHOUT                                            |                | WITH       |                | COVER TAPE    |
|-------|----|----|----------------------------------------------------|----------------|------------|----------------|---------------|
|       |    |    | BLACK                                              | NATURAL(WHITE) | BLACK      | NATURAL(WHITE) | HOUSING COLOR |
| 34.53 | 30 | 36 | 5055751671                                         | 5055751670     | 5055751681 | 5055751680     | 16            |
| 32.53 | 28 | 34 | 5055751571                                         | 5055751570     | 5055751581 | 5055751580     | 15            |
| 30.53 | 26 | 32 | 5055751471                                         | 5055751470     | 5055751481 | 5055751480     | 14            |
| 28.53 | 24 | 30 | 5055751371                                         | 5055751370     | 5055751381 | 5055751380     | 13            |
| 26.53 | 22 | 28 | 5055751271                                         | 5055751270     | 5055751281 | 5055751280     | 12            |
| 24.53 | 20 | 26 | 5055751171                                         | 5055751170     | 5055751181 | 5055751180     | 11            |
| 22.53 | 18 | 24 | 5055751071                                         | 5055751070     | 5055751081 | 5055751080     | 10            |
| 20.53 | 16 | 22 | 5055750971                                         | 5055750970     | 5055750981 | 5055750980     | 9             |
| 18.53 | 14 | 20 | 5055750871                                         | 5055750870     | 5055750881 | 5055750880     | 8             |
| 16.53 | 12 | 18 | 5055750771                                         | 5055750770     | 5055750781 | 5055750780     | 7             |
| 14.53 | 10 | 16 | 5055750671                                         | 5055750670     | 5055750681 | 5055750680     | 6             |
| 12.53 | 8  | 14 | 5055750571                                         | 5055750570     | 5055750581 | 5055750580     | 5             |
| 10.53 | 6  | 12 | 5055750471                                         | 5055750470     | 5055750481 | 5055750480     | 4             |
| 8.53  | 4  | 10 | 5055750371                                         | 5055750370     | 5055750381 | 5055750380     | 3             |
| 6.53  | 2  | 8  | 5055750271                                         | 5055750270     | 5055750281 | 5055750280     | 2             |
| C     | B  | A  | △ <sub>8</sub> 発注番号 ORDER NUMBER                   |                |            |                | 極数            |
|       |    |    | インボステーブ梱包 PACKAGING STYLE : EMBOSSED TAPE AND REEL |                |            |                | CIRCUIT SIZE  |

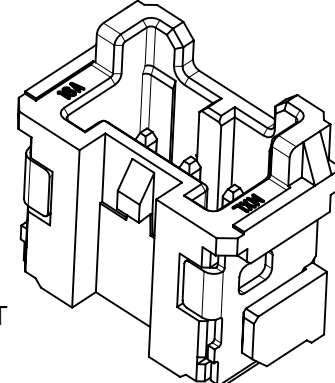
|                                                                                                                                               |  |                                                                                                                 |  |                                                                                                                                                                                                            |  |                     |  |                                                                                 |  |          |          |          |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------|--|---------------------------------------------------------------------------------|--|----------|----------|----------|
| 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:<br><br>EC NO: 718854<br>DRWN: SOKUMURA012023/02/28<br>CHK'D: SAKIYAMA2023/08/04<br>APPR: MARAI2023/08/04<br><br>INITIAL REVISION:<br>DRWN: TENAGASE2016/06/07<br>APPR: TKANEKO2016/06/23 |  |                     |  | <b>molex</b>                                                                    |  |          |          |          |
| mm                                                                                                                                            |  | NTS                                                                                                             |  |                                                                                                                                                                                                            |  |                     |  |                                                                                 |  |          |          |          |
| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                                      |  |                                                                                                                 |  |                                                                                                                                                                                                            |  |                     |  | MICRO-LOCK PLUS 2.0 W/B<br>SINGLE ROW VERTICAL SMT PLUG ASSEMBLY<br>TIN PLATING |  |          |          |          |
| ANGULAR TOL ± 3.0°                                                                                                                            |  |                                                                                                                 |  |                                                                                                                                                                                                            |  |                     |  | PRODUCT CUSTOMER DRAWING                                                        |  |          |          |          |
| 4 PLACES ± 0.2                                                                                                                                |  |                                                                                                                 |  |                                                                                                                                                                                                            |  |                     |  | DOCUMENT NUMBER                                                                 |  | DOC TYPE | DOC PART | REVISION |
| 3 PLACES ± 0.2                                                                                                                                |  |                                                                                                                 |  |                                                                                                                                                                                                            |  |                     |  | 5055750001                                                                      |  | PSD      | 000      | D        |
| 2 PLACES ± 0.2                                                                                                                                |  |                                                                                                                 |  |                                                                                                                                                                                                            |  |                     |  |                                                                                 |  |          |          |          |
| 1 PLACE ± 0.2                                                                                                                                 |  |                                                                                                                 |  |                                                                                                                                                                                                            |  |                     |  |                                                                                 |  |          |          |          |
| 0 PLACES ± 0.2                                                                                                                                |  |                                                                                                                 |  |                                                                                                                                                                                                            |  |                     |  |                                                                                 |  |          |          |          |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |  | THIRD ANGLE PROJECTION<br> |  | DRAWING<br>A3-SIZE                                                                                                                                                                                         |  | SERIES<br>505575    |  | MATERIAL NUMBER<br>SEE CHART                                                    |  |          |          |          |
|                                                                                                                                               |  |                                                                                                                 |  |                                                                                                                                                                                                            |  | CUSTOMER<br>GENERAL |  | SHEET NUMBER<br>1 OF 4                                                          |  |          |          |          |

製品形状  
PRODUCT SHAPE

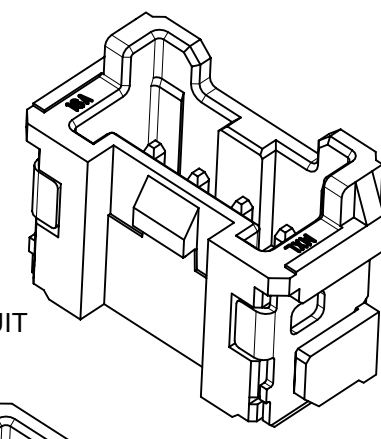
2極  
2 CIRCUIT



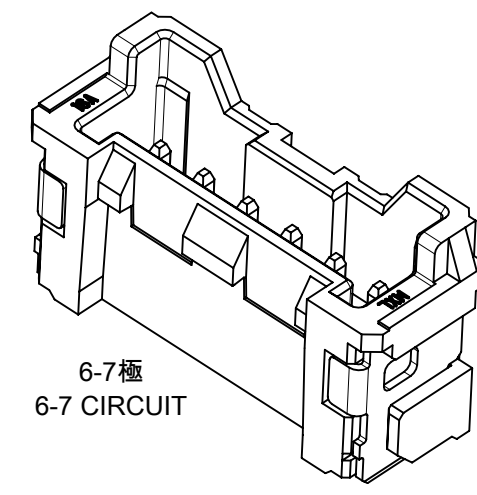
3極  
3 CIRCUIT



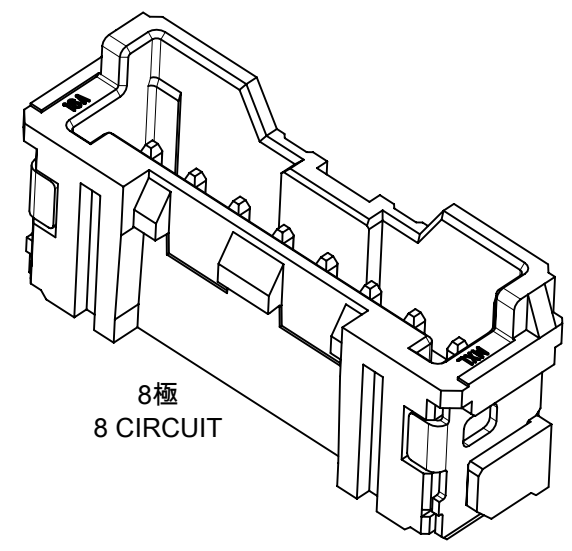
4-5極  
4-5 CIRCUIT



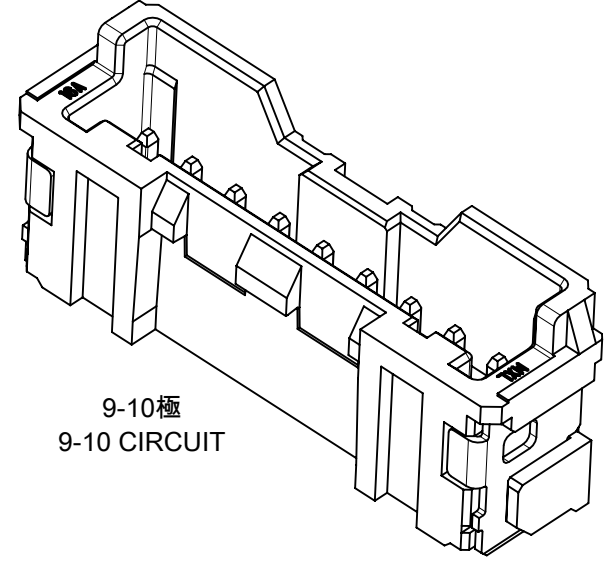
6-7極  
6-7 CIRCUIT



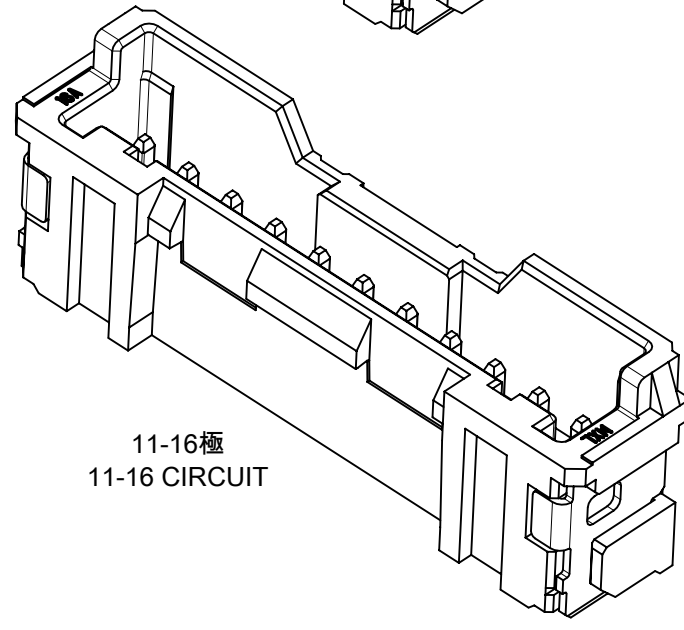
8極  
8 CIRCUIT



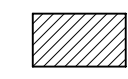
9-10極  
9-10 CIRCUIT



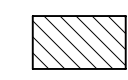
11-16極  
11-16 CIRCUIT



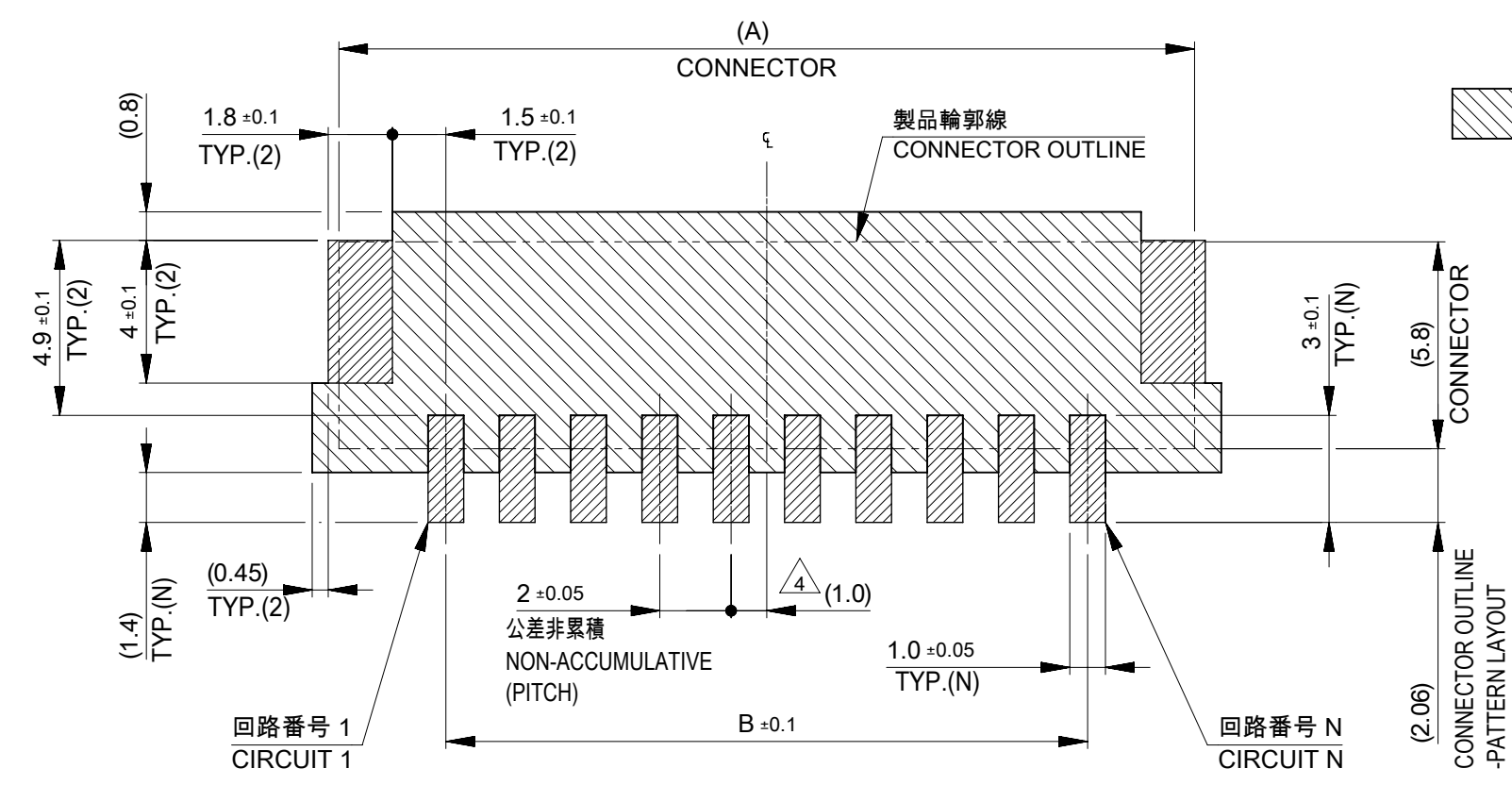
基板パターンレイアウト  
PCB PATTERN LAYOUT



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



パターン非推奨エリア  
パターンを引き回す際には製品機能に影響がないことを御確認ください。  
PATTERN IS NOT RECOMMENDED ON THE HATCHING AREA.  
PLEASE CHECK NOT TO HAVE PROBLEM FOR PRODUCT FUNCTION  
WHEN SETTING PATTERN ON THE HATCHING AREA.



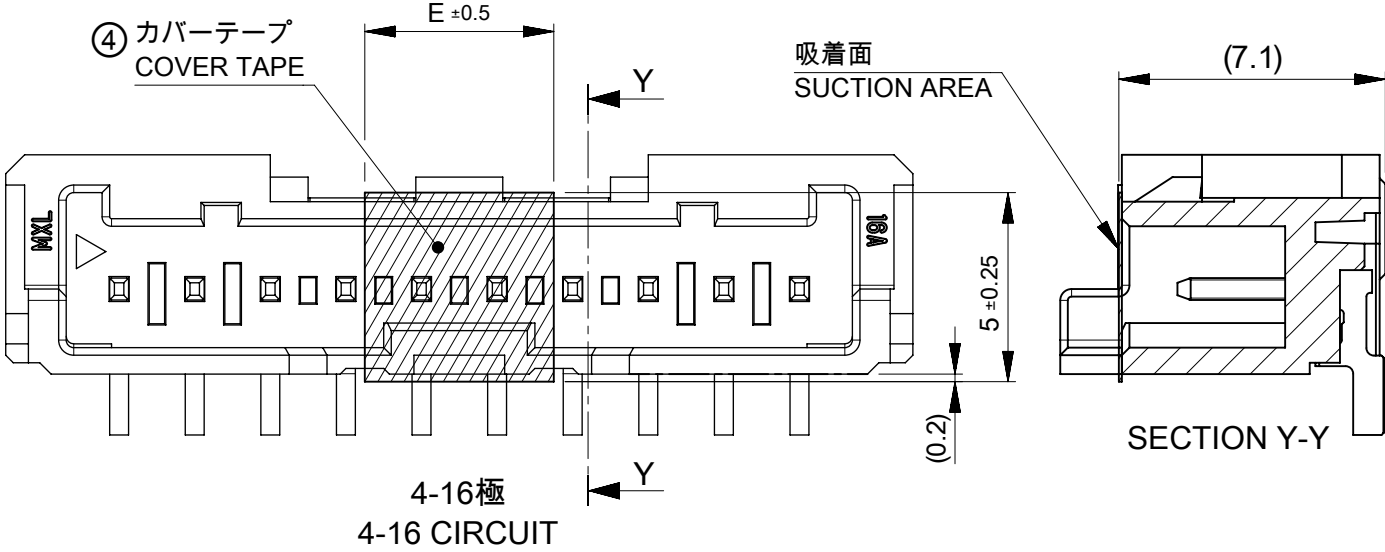
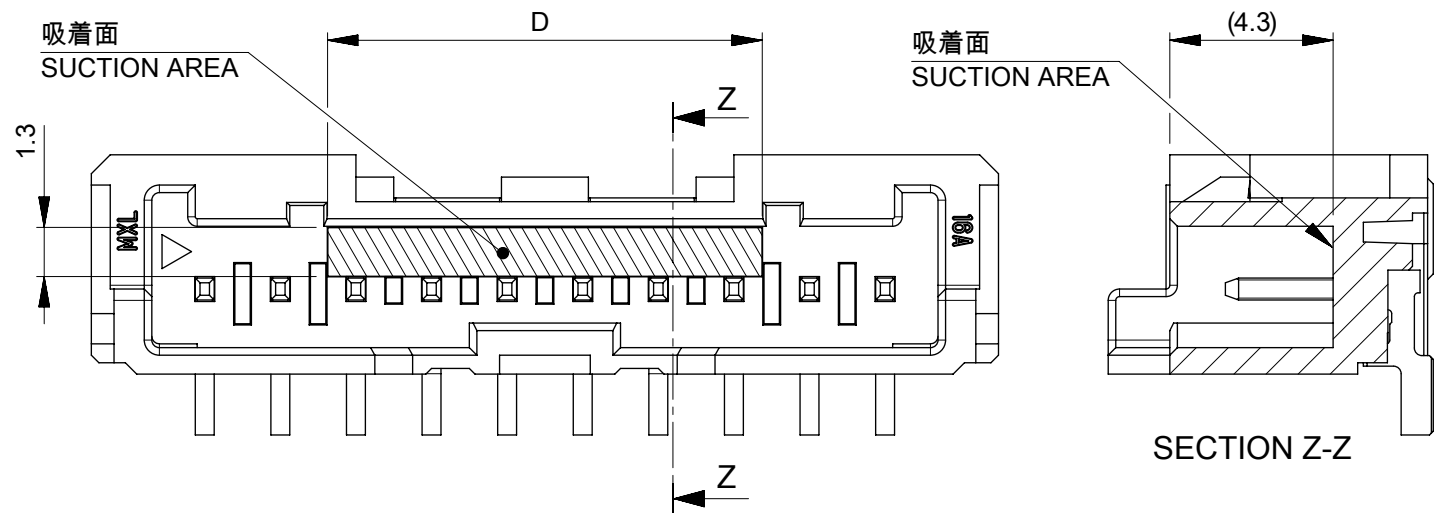
|                                                                                                                                               |  |       |  |                                                                                 |  |         |                          |             |  |          |          |              |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|-------|--|---------------------------------------------------------------------------------|--|---------|--------------------------|-------------|--|----------|----------|--------------|
| 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:                                                               |  |         | <div>molex</div>         |             |  |          |          |              |
| mm                                                                                                                                            |  | NTS   |  |                                                                                 |  |         |                          |             |  |          |          |              |
| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                                      |  |       |  | MICRO-LOCK PLUS 2.0 W/B<br>SINGLE ROW VERTICAL SMT PLUG ASSEMBLY<br>TIN PLATING |  |         |                          |             |  |          |          |              |
| ANGULAR TOL ± 3.0 °                                                                                                                           |  |       |  |                                                                                 |  |         |                          |             |  |          |          |              |
| 4 PLACES                                                                                                                                      |  | ± 0.2 |  | EC NO: 718854                                                                   |  |         | PRODUCT CUSTOMER DRAWING |             |  |          |          |              |
| 3 PLACES                                                                                                                                      |  | ± 0.2 |  | DRWN: SOKUMURA01 2023/02/28                                                     |  |         |                          |             |  |          |          |              |
| 2 PLACES                                                                                                                                      |  | ± 0.2 |  | CHK'D: SAKIYAMA 2023/08/04                                                      |  |         |                          |             |  |          |          |              |
| 1 PLACE                                                                                                                                       |  | ± 0.2 |  | APPR: MARAI 2023/08/04                                                          |  |         | DOCUMENT NUMBER          |             |  | DOC TYPE | DOC PART | REVISION     |
| 0 PLACES                                                                                                                                      |  | ± 0.2 |  | INITIAL REVISION:                                                               |  |         | 5055750001               |             |  | PSD      | 000      | D            |
| DRWN: TENAGASE 2016/06/07                                                                                                                     |  |       |  | APPR: TKANEKO 2016/06/23                                                        |  |         | MATERIAL NUMBER          |             |  | CUSTOMER |          | SHEET NUMBER |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |  |       |  | THIRD ANGLE PROJECTION                                                          |  | DRAWING | SERIES                   | SEE SHEET 1 |  | GENERAL  |          | 2 OF 4       |
|                                                                                                                                               |  |       |  |                                                                                 |  | A3-SIZE | 505575                   |             |  |          |          |              |

|                 |    |              |            |          |
|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/08/04 | 04:03:59 |
|-----------------|----|--------------|------------|----------|

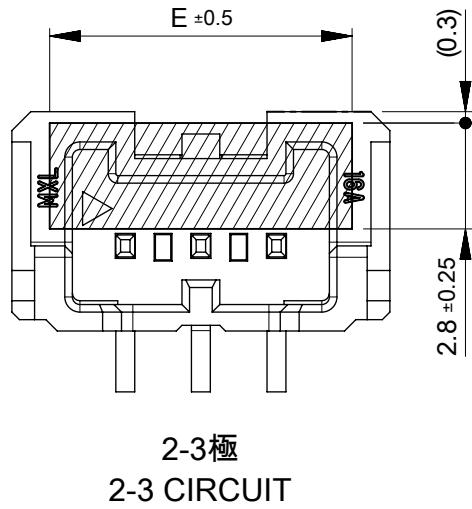
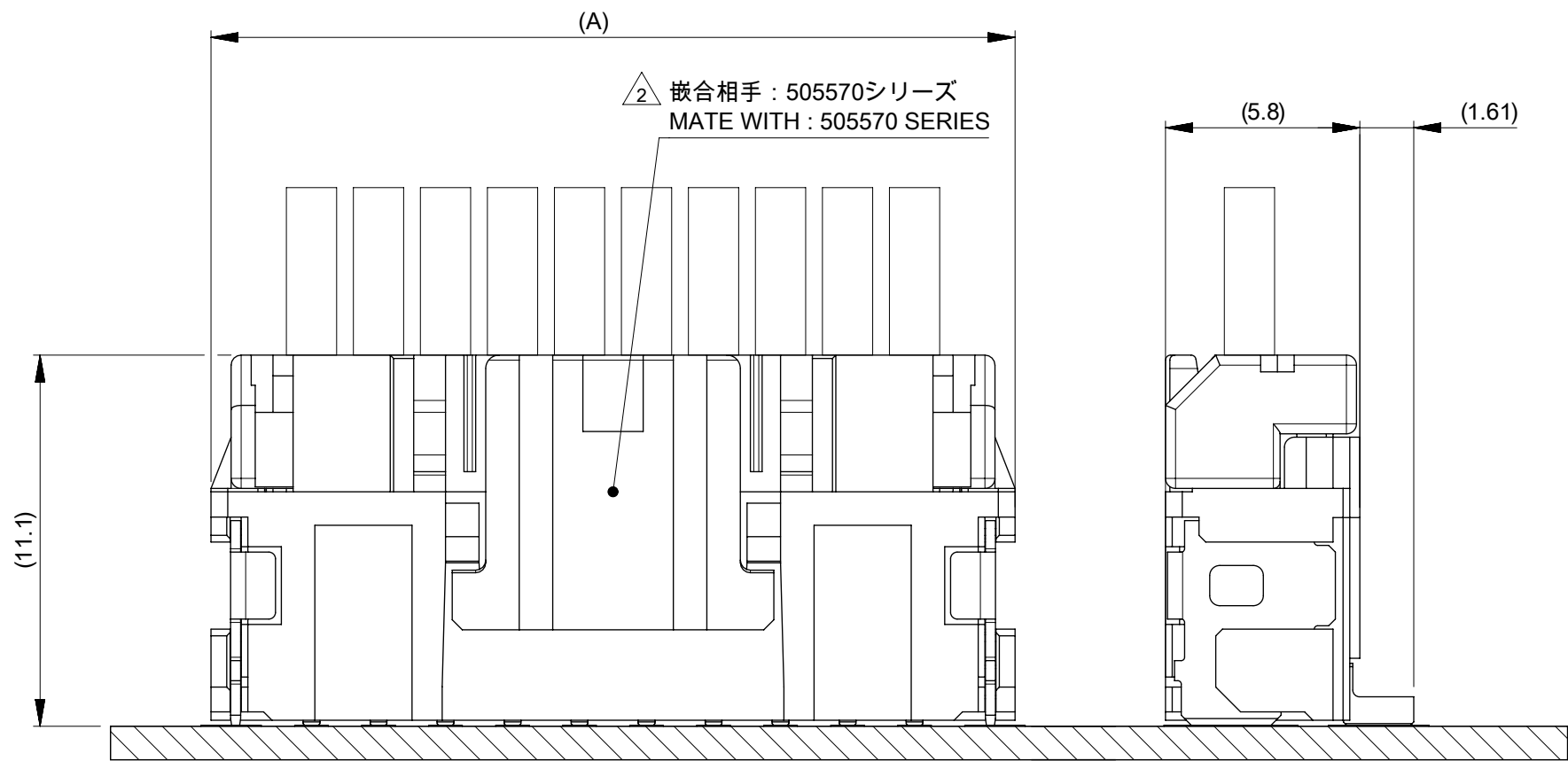
吸着エリア  
SUCTION AREA

カバーテープ無  
WITHOUT COVER TAPE  
505575\*\*7\*

カバーテープ有  
WITH COVER TAPE  
505575\*\*8\*



嵌合状態図  
MATED CONNECTORS



|   |      |                       |
|---|------|-----------------------|
| 5 | 11.5 | 16                    |
|   |      | 15                    |
|   |      | 14                    |
|   |      | 13                    |
|   |      | 12                    |
| 4 | 9.5  | 11                    |
|   |      | 10                    |
|   |      | 9                     |
|   |      | 8                     |
|   |      | 7                     |
| 8 | 4.5  | 6                     |
|   |      | 5                     |
|   |      | 4                     |
| 6 | 2.5  | 3                     |
| E | D    | 2                     |
|   |      | 極数<br>CIRCUIT<br>SIZE |

|                                                                                                                                               |  |       |  |                                                                                       |  |                               |  |        |  |                 |  |                 |  |               |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|-------|--|---------------------------------------------------------------------------------------|--|-------------------------------|--|--------|--|-----------------|--|-----------------|--|---------------|--|
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| DIMENSION UNITS                                                                                                                               |  | SCALE |  | CURRENT REV DESC:                                                                     |  | <div>molex</div>              |  |        |  |                 |  |                 |  |               |  |
| mm                                                                                                                                            |  | NTS   |  |                                                                                       |  |                               |  |        |  |                 |  |                 |  |               |  |
| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                                      |  |       |  | MICRO-LOCK PLUS 2.0 W/B<br>SINGLE ROW VERTICAL SMT PLUG ASSEMBLY<br>TIN PLATING       |  |                               |  |        |  |                 |  |                 |  |               |  |
| ANGULAR TOL ± 3.0 °                                                                                                                           |  |       |  |                                                                                       |  |                               |  |        |  |                 |  |                 |  |               |  |
| 4 PLACES                                                                                                                                      |  | ± 0.2 |  | EC NO: 718854                                                                         |  | PRODUCT CUSTOMER DRAWING      |  |        |  |                 |  |                 |  |               |  |
| 3 PLACES                                                                                                                                      |  | ± 0.2 |  | DRWN: SOKUMURA01 2023/02/28                                                           |  |                               |  |        |  |                 |  |                 |  |               |  |
| 2 PLACES                                                                                                                                      |  | ± 0.2 |  | CHK'D: SAKIYAMA 2023/08/04                                                            |  |                               |  |        |  |                 |  |                 |  |               |  |
| 1 PLACE                                                                                                                                       |  | ± 0.2 |  | APPR: MARAI 2023/08/04                                                                |  | DOCUMENT NUMBER<br>5055750001 |  |        |  |                 |  |                 |  |               |  |
| 0 PLACES                                                                                                                                      |  | ± 0.2 |  | INITIAL REVISION:<br>DRWN: TENAGASE 2016/06/07<br>APPR: TKANEKO 2016/06/23            |  |                               |  |        |  | DOC TYPE<br>PSD |  | DOC PART<br>000 |  | REVISION<br>D |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |  |       |  | THIRD ANGLE PROJECTION                                                                |  | DRAWING                       |  | SERIES |  | MATERIAL NUMBER |  | CUSTOMER        |  | SHEET NUMBER  |  |
|                                                                                                                                               |  |       |  |  |  | A3-SIZE                       |  | 505575 |  | SEE SHEET 1     |  | GENERAL         |  | 3 OF 4        |  |

