

F

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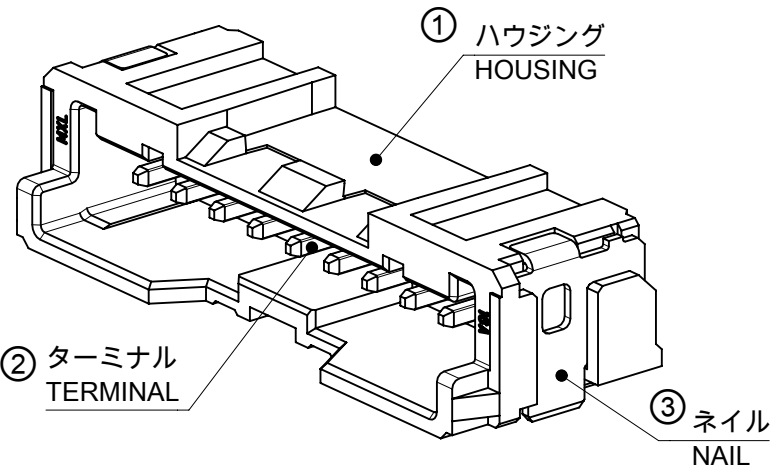
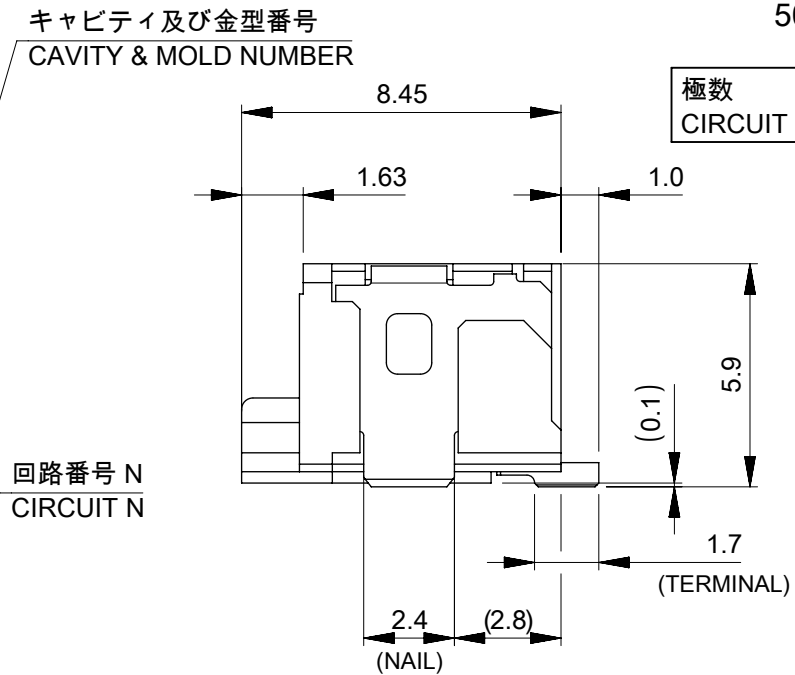
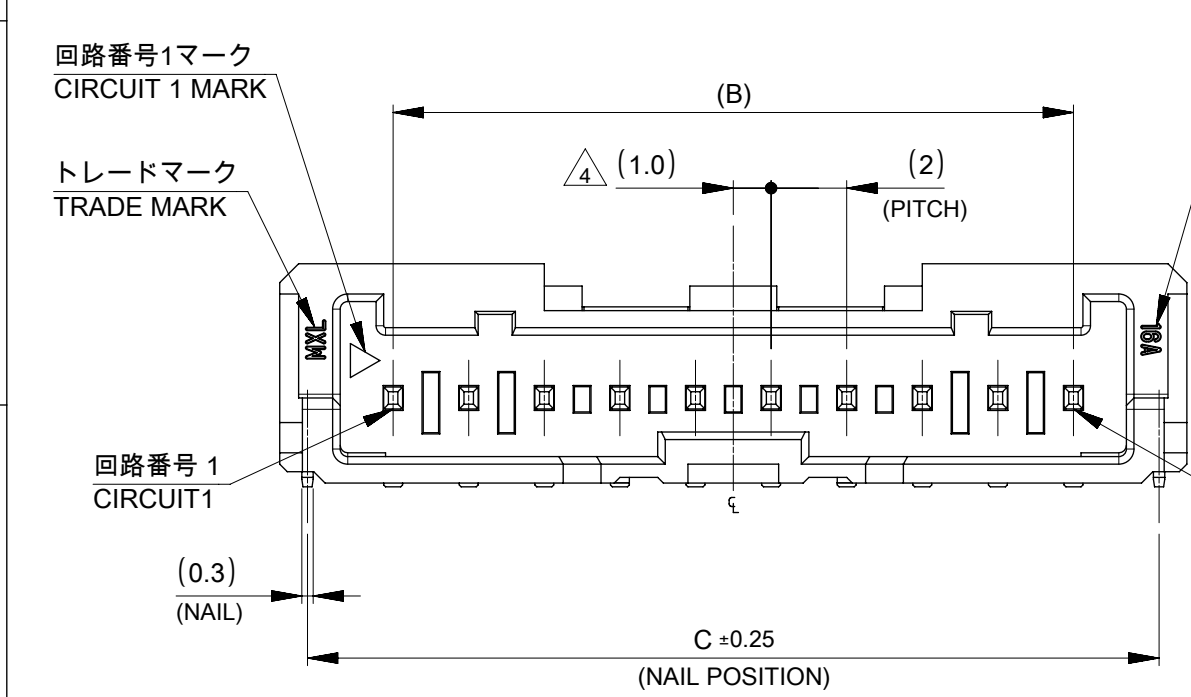
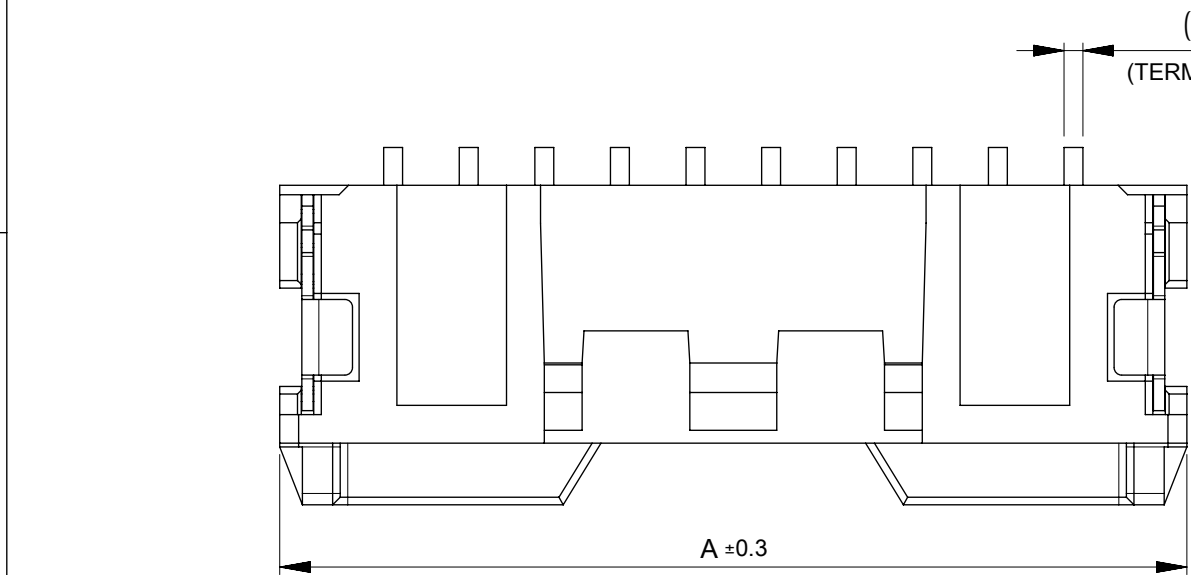
E

D

C

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- 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5055780002-SD PSD 000をご参照下さい。  
THIS IS TIN PLATING PRODUCT.  
PLEASE REFER TO 5055780002-SD PSD 000 FOR GOLD PLATING PRODUCT.
- 8

発注番号  
ORDER NUMBER

505578\*\*7\*

| 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                 |

|       |    |    | BLACK                                                 | NATURAL(WHITE) | HOUSING COLOR      |
|-------|----|----|-------------------------------------------------------|----------------|--------------------|
| 34.53 | 30 | 36 | 5055781671                                            | 5055781670     | 16                 |
| 32.53 | 28 | 34 | 5055781571                                            | 5055781570     | 15                 |
| 30.53 | 26 | 32 | 5055781471                                            | 5055781470     | 14                 |
| 28.53 | 24 | 30 | 5055781371                                            | 5055781370     | 13                 |
| 26.53 | 22 | 28 | 5055781271                                            | 5055781270     | 12                 |
| 24.53 | 20 | 26 | 5055781171                                            | 5055781170     | 11                 |
| 22.53 | 18 | 24 | 5055781071                                            | 5055781070     | 10                 |
| 20.53 | 16 | 22 | 5055780971                                            | 5055780970     | 9                  |
| 18.53 | 14 | 20 | 5055780871                                            | 5055780870     | 8                  |
| 16.53 | 12 | 18 | 5055780771                                            | 5055780770     | 7                  |
| 14.53 | 10 | 16 | 5055780671                                            | 5055780670     | 6                  |
| 12.53 | 8  | 14 | 5055780571                                            | 5055780570     | 5                  |
| 10.53 | 6  | 12 | 5055780471                                            | 5055780470     | 4                  |
| 8.53  | 4  | 10 | 5055780371                                            | 5055780370     | 3                  |
| 6.53  | 2  | 8  | 5055780271                                            | 5055780270     | 2                  |
| C     | B  | A  | △ <sub>8</sub> 発注番号 ORDER NUMBER                      |                | 極数<br>CIRCUIT SIZE |
|       |    |    | エンボステープ梱包<br>PACKAGING STYLE : EMBOSSED TAPE AND REEL |                |                    |

TABLE 1

| 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                           |
| ③               | ネイル<br>NAIL       | ニッケルめっき (下地めっき) : 1.0 MICROMETER MINIMUM<br>NICKEL PLATING (UNDER PLATING)   |
|                 |                   | 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)   |
|                 |                   |                                                                              |
| DOCUMENT STATUS |                   | P1                                                                           |
| RELEASE DATE    |                   | 2023/08/04 04:04:00                                                          |

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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: 718854

DRWN: SOKUMURA01

CHK'D: SAKIYAMA

APPR: MARAI

INITIAL REVISION:

DRWN: TENAGASE

APPR: TKANEKO

THIRD ANGLE PROJECTION

DRAWING

SERIES

A3-SIZE

505578

molex

MICRO-LOCK PLUS 2.0 W/B  
SINGLE ROW RIGHT ANGLE SMT PLUG ASSEMBLY  
TIN PLATING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

5055780001

MATERIAL NUMBER

SEE CHART

DOC TYPE

PSD

CUSTOMER

GENERAL

DOC PART

000

SHEET NUMBER

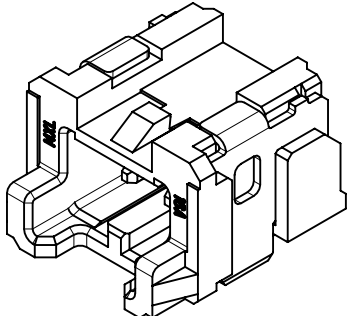
1 OF 4

REVISION

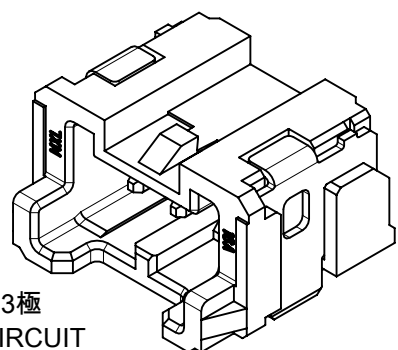
C

製品形状  
PRODUCT SHAPE

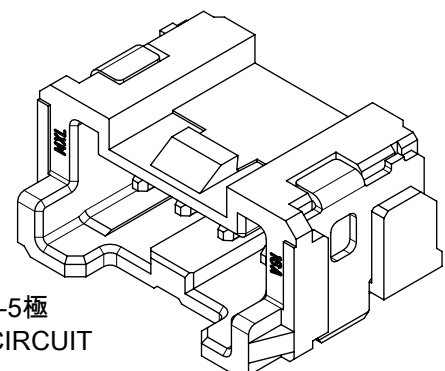
2極  
2 CIRCUIT



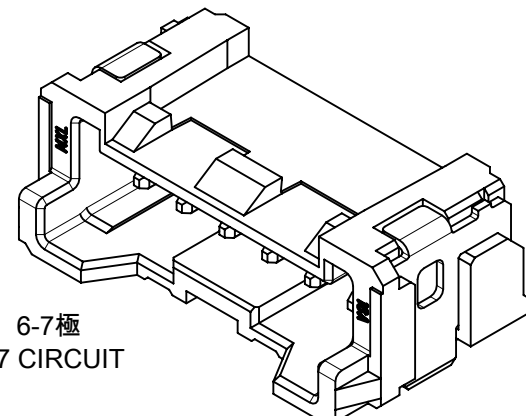
3極  
3 CIRCUIT



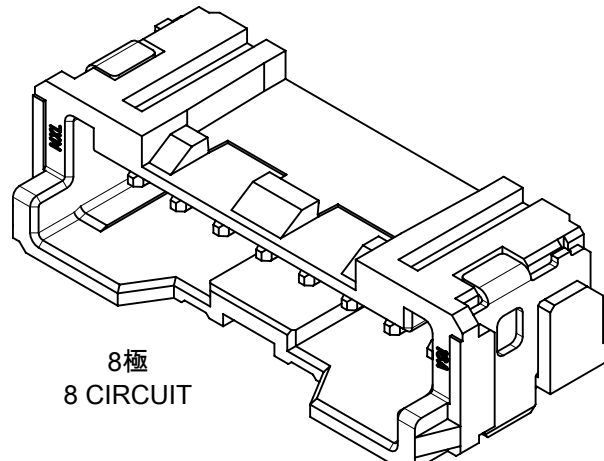
4-5極  
4-5 CIRCUIT



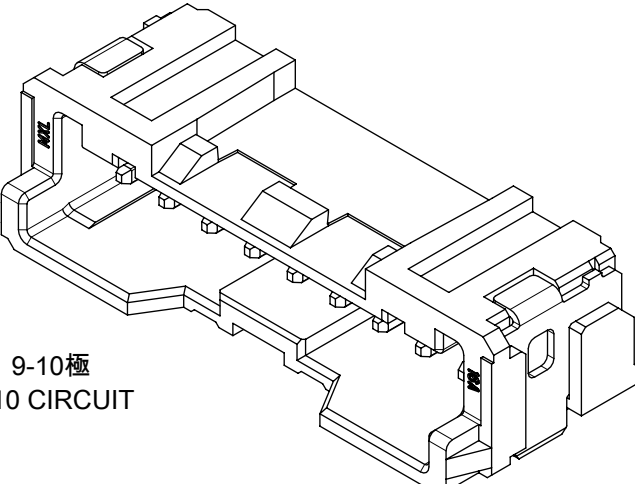
6-7極  
6-7 CIRCUIT



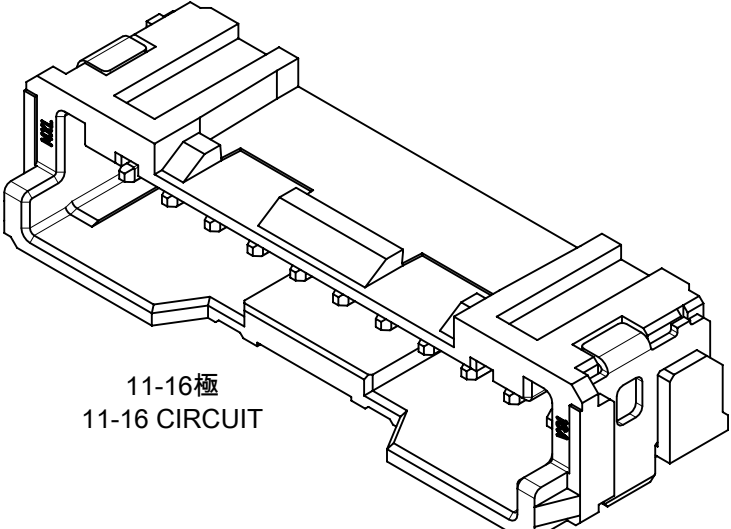
8極  
8 CIRCUIT



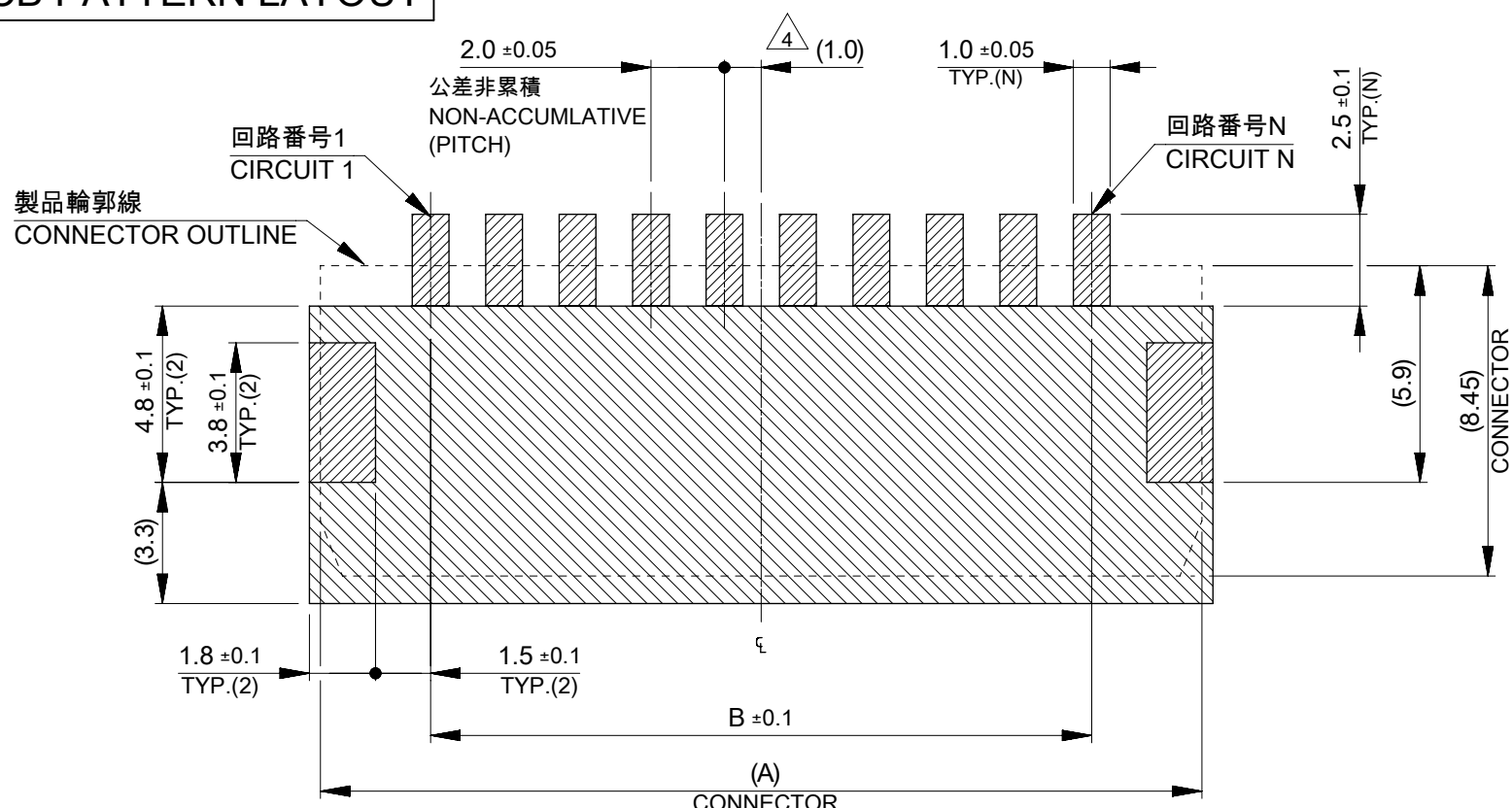
9-10極  
9-10 CIRCUIT



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.

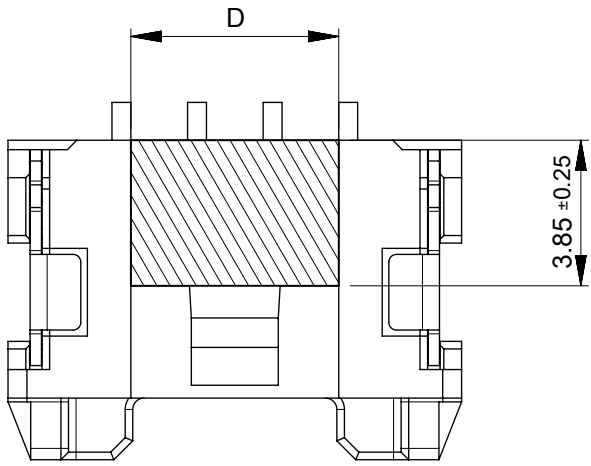
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|-----------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------|--|-------------------|--|--------|-----------------|-----------------|--|
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| DIMENSION UNITS<br><b>mm</b>                                                                                                                  |  | SCALE<br><b>NTS</b>    |  | CURRENT REV DESC: |  |        | <b>molex</b>    |                 |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |  |                        |  |                   |  |        |                 |                 |  |
| ANGULAR TOL                                                                                                                                   |  | ± 3.0 °                |  | EC NO: 718854     |  |        | 2023/02/28      |                 |  |
| 4 PLACES                                                                                                                                      |  | ± 0.2                  |  | DRWN: SOKUMURA01  |  |        | 2023/08/04      |                 |  |
| 3 PLACES                                                                                                                                      |  | ± 0.2                  |  | CHK'D: SAKIYAMA   |  |        | 2023/08/04      |                 |  |
| 2 PLACES                                                                                                                                      |  | ± 0.2                  |  | APPR: MARAI       |  |        | 2023/08/04      |                 |  |
| 1 PLACE                                                                                                                                       |  | ± 0.2                  |  | INITIAL REVISION: |  |        | DOCUMENT NUMBER |                 |  |
| 0 PLACES                                                                                                                                      |  | ± 0.2                  |  | DRWN: TENAGASE    |  |        | 5055780001      |                 |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                          |  | THIRD ANGLE PROJECTION |  | DRAWING           |  | SERIES |                 | MATERIAL NUMBER |  |
|                                                                                                                                               |  |                        |  | A3-SIZE           |  | 505578 |                 | CUSTOMER        |  |
|                                                                                                                                               |  |                        |  |                   |  |        |                 | SHEET NUMBER    |  |
|                                                                                                                                               |  |                        |  |                   |  |        |                 | 2 OF 4          |  |

10 9 8 7 6 5 4 3 2 1

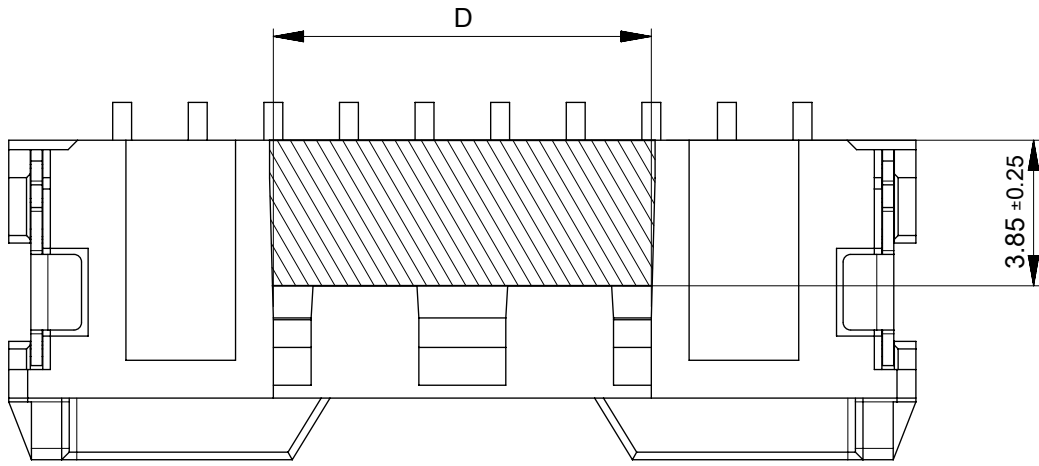
F

E

吸着エリア  
SUCTION AREA



2-5CKT



6-16CKT

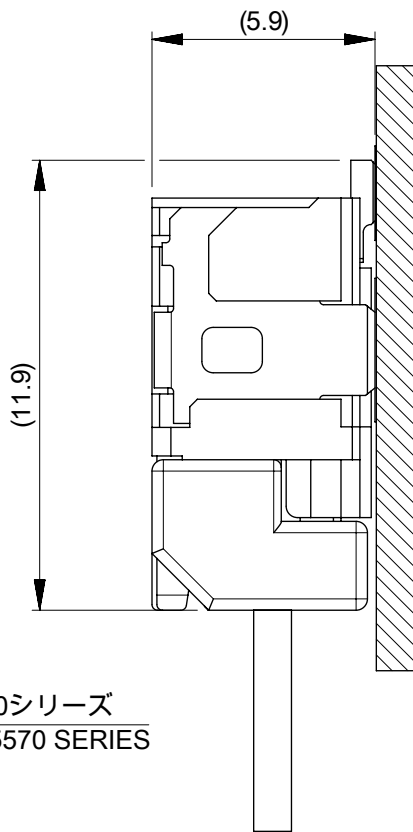
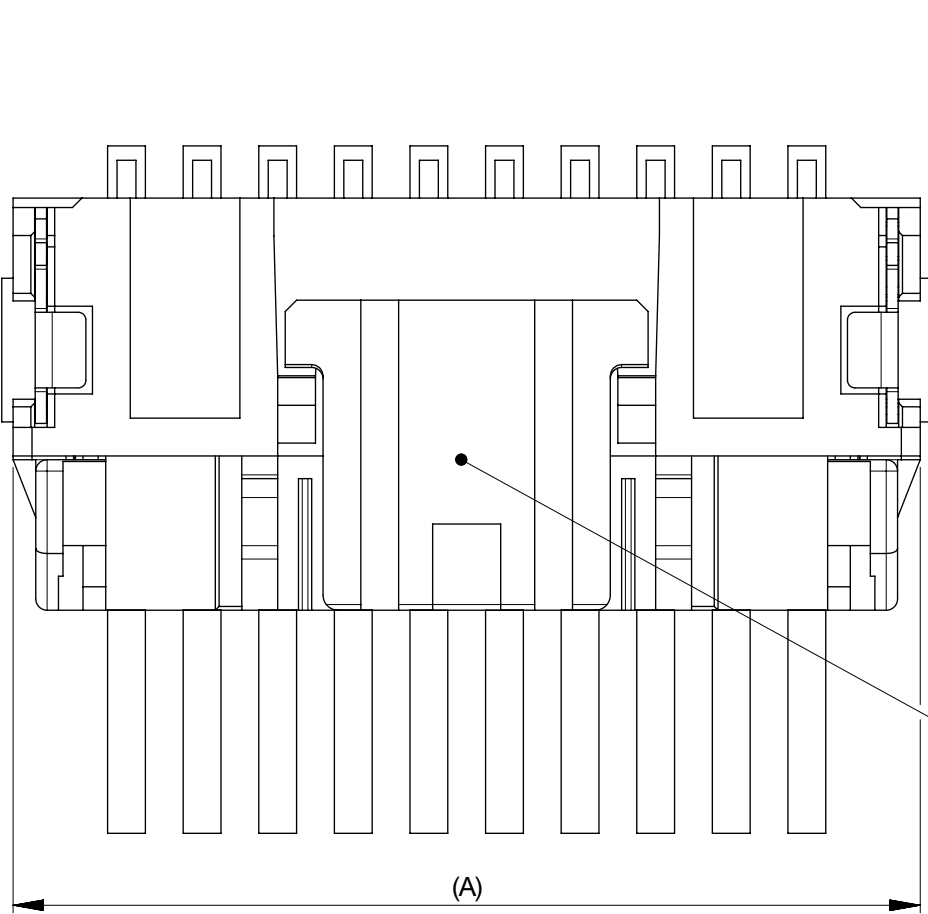
D

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嵌合状態図  
MATED CONNECTORS



2 嵌合相手 : 505570シリーズ  
MATE WITH : 505570 SERIES

|     |                       |
|-----|-----------------------|
| 14  | 16                    |
|     | 15                    |
|     | 14                    |
|     | 13                    |
|     | 12                    |
| 10  | 11                    |
|     | 10                    |
|     | 9                     |
|     | 8                     |
|     | 7                     |
| 5.5 | 6                     |
|     | 5                     |
| 3.5 | 4                     |
|     | 3                     |
| D   | 2                     |
|     | 極数<br>CIRCUIT<br>SIZE |

|                                                                                                                                               |  |                                                                                       |  |                                                                                                                                                                                                                                              |  |         |  |             |  |                                                                                                                  |  |          |  |              |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------|--|-------------|--|------------------------------------------------------------------------------------------------------------------|--|----------|--|--------------|--|
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| DIMENSION UNITS                                                                                                                               |  | SCALE                                                                                 |  | CURRENT REV DESC:                                                                                                                                                                                                                            |  |         |  |             |  | <div>molex</div> <div>MICRO-LOCK PLUS 2.0 W/B<br/>SINGLE ROW RIGHT ANGLE SMT PLUG ASSEMBLY<br/>TIN PLATING</div> |  |          |  |              |  |
| mm                                                                                                                                            |  | NTS                                                                                   |  |                                                                                                                                                                                                                                              |  |         |  |             |  |                                                                                                                  |  |          |  |              |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |  |                                                                                       |  | <div>EC NO: 718854<br/>DRWN: SOKUMURA01<br/>CHK'D: SAKIYAMA<br/>APPR: MARAI</div> <div>2023/02/28<br/>2023/08/04<br/>2023/08/04</div> <div>INITIAL REVISION:<br/>DRWN: TENAGASE<br/>APPR: TKANEKO</div> <div>2016/05/12<br/>2016/06/23</div> |  |         |  |             |  |                                                                                                                  |  |          |  |              |  |
| 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<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |  |                                                                                       |  | THIRD ANGLE PROJECTION                                                                                                                                                                                                                       |  | DRAWING |  | SERIES      |  | MATERIAL NUMBER                                                                                                  |  | CUSTOMER |  | SHEET NUMBER |  |
|                                                                                                                                               |  |  |  | A3-SIZE                                                                                                                                                                                                                                      |  | 505578  |  | SEE SHEET 1 |  | GENERAL                                                                                                          |  | 3 OF 4   |  |              |  |

|                 |    |              |            |          |
|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/08/04 | 04:04:00 |
|-----------------|----|--------------|------------|----------|

