

**NOTES**

- ① 材料及び仕上げ(めっき仕様) : TABLE 1参照  
MATERIAL AND FINISHES : SEE TABLE 1
- 2. 製品仕様書 : 511630000-PS 000  
PRODUCT SPECIFICATION:511630000-PS 000
- 3. 梱包仕様書 : 533759200-SPK 200  
PACKAGING SPECIFICATION: 533759200-SPK 200
- 4. 嵌合相手 : 51163 シリーズ  
MATES WITH:51163 SERIES
- 5. アプリケーション仕様書(コネクタ取扱い説明書) : 2166940000-AS PS 000  
APPLICATION SPECIFICATION(CONNECTOR MANUAL) : 2166940000-AS PS 000
- ⑥ 偶数極に適合  
APPLY FOR EVEN CIRCUIT
- ⑦ 2極はキルクを付加しない  
3極以上のキルク形状は両サイドが (B) 、その他の極は全て (A) 形状とする  
KINK FORM  
2 CIRCUIT:PINS TO BE NOT KINKED.  
MORE THAN 2 CIRCUIT:PINS AT BOTH ENDS ARE KINK FORMED TO (B) ,  
THE OTHER PINS ARE KINK FORMED TO (A) .

TABLE 1

|      |      | HOUSING COLOR  |           |           |                          |                    |
|------|------|----------------|-----------|-----------|--------------------------|--------------------|
|      |      | NATURAL(WHITE) |           |           |                          |                    |
| 1.9  | 1.25 | 38.2           | 35        | 39.9      | 534261510                | 15                 |
|      |      | 35.7           | 32.5      | 37.4      | 534261410                | 14                 |
|      |      | 33.2           | 30        | 34.9      | 534261310                | 13                 |
|      |      | 30.7           | 27.5      | 32.4      | 534261210                | 12                 |
|      |      | 28.2           | 25        | 29.9      | 534261110                | 11                 |
|      |      | 25.7           | 22.5      | 27.4      | 534261010                | 10                 |
|      |      | 23.2           | 20        | 24.9      | 534260910                | 9                  |
|      |      | 20.7           | 17.5      | 22.4      | 534260810                | 8                  |
|      |      | 18.2           | 15        | 19.9      | 534260710                | 7                  |
|      |      | 15.7           | 12.5      | 17.4      | 534260610                | 6                  |
| 13.2 | 10   | 14.9           | 534260510 | 5         |                          |                    |
| 10.7 | 7.5  | 12.4           | 534260410 | 4         |                          |                    |
| 1    | 8.2  | 5              | 9.9       | 534260310 | 3                        |                    |
| -    | -    | 5.7            | 2.5       | 7.4       | 534260210                | 2                  |
| E    | D    | C              | B         | A         | 発注番号<br>ORDER No.        | 極数<br>CIRCUIT SIZE |
|      |      |                |           |           | 梱包形態:トレイ<br>PACKAGE:TRAY |                    |

| 部品<br>PART                 | 材料<br>MATERIAL  |
|----------------------------|---|
| ① プラグハウジング<br>PLUG HOUSING | ポリエステル ガラス含有 UL94 V-0 色 : ナチュラル(白)<br>POLYESTER(PBT),GLASS FILLED,UL94 V-0,COLOR:NATURAL(WHITE) |
| ② プラグピン<br>PLUG PIN        | りん青銅<br>PHOSPHOR BRONZE   |
|                            | 錫めっき : 1.0MICRO METER MINIMUM.<br>MATTE TIN PLATING : 1.0MICRO METER MINIMUM.                   |
|                            | 銅めっき(下地めっき):0.5MICRO METER MINIMUM<br>COPPER PLATING(UNDER PLATING):0.5MICRO METER MINIMUM.     |

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:            |
|--|--------|------------------------------|
| mm   | NTS    |                              |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                |        |                              |
| ANGULAR TOL  | ± 3.0° |                              |
| 4 PLACES   | ± 0.2  | EC NO: 650566                |
| 3 PLACES   | ± 0.2  | DRWN: RWATANABE01 2020/12/03 |
| 2 PLACES   | ± 0.2  | CHK'D: AIDA 2020/12/18       |
| 1 PLACE  | ± 0.2  | APPR: SAKIYAMA 2020/12/18    |
| 0 PLACES   | ± 0.2  | INITIAL REVISION:            |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |        | DRWN: RWATANABE01 2019/09/19 |
| THIRD ANGLE PROJECTION                               |        | APPR: SAKIYAMA 2020/09/28    |
| DRAWING  |        | SERIES                       |
| A2-SIZE  |        | 53426                        |
| MATERIAL NUMBER                                      |        |                              |
| CUSTOMER   |        |                              |
| SHEET NUMBER   |        |                              |

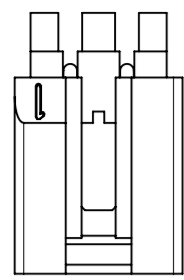
# molex

MINI-LOCK 2.5 W/B  
SINGLE ROW RIGHT ANGLE PLUG ASSEMBLY

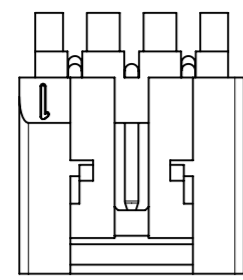
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER: **534260000-SD**    DOC TYPE: PSD    DOC PART: 000    REVISION: B

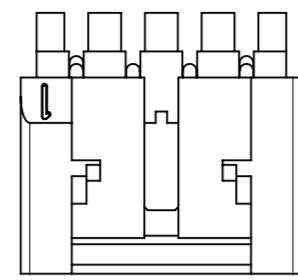
MATERIAL NUMBER: GENERAL    CUSTOMER: GENERAL    SHEET NUMBER: 1 OF 2



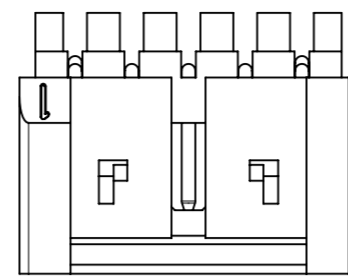
2CIRCUIT



3CIRCUIT

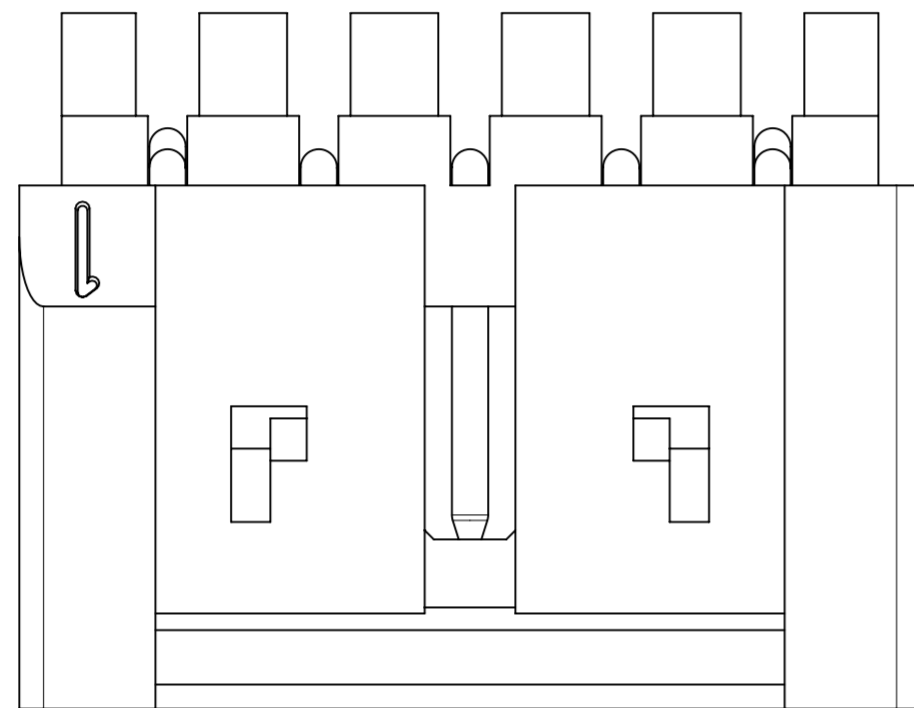


4CIRCUIT

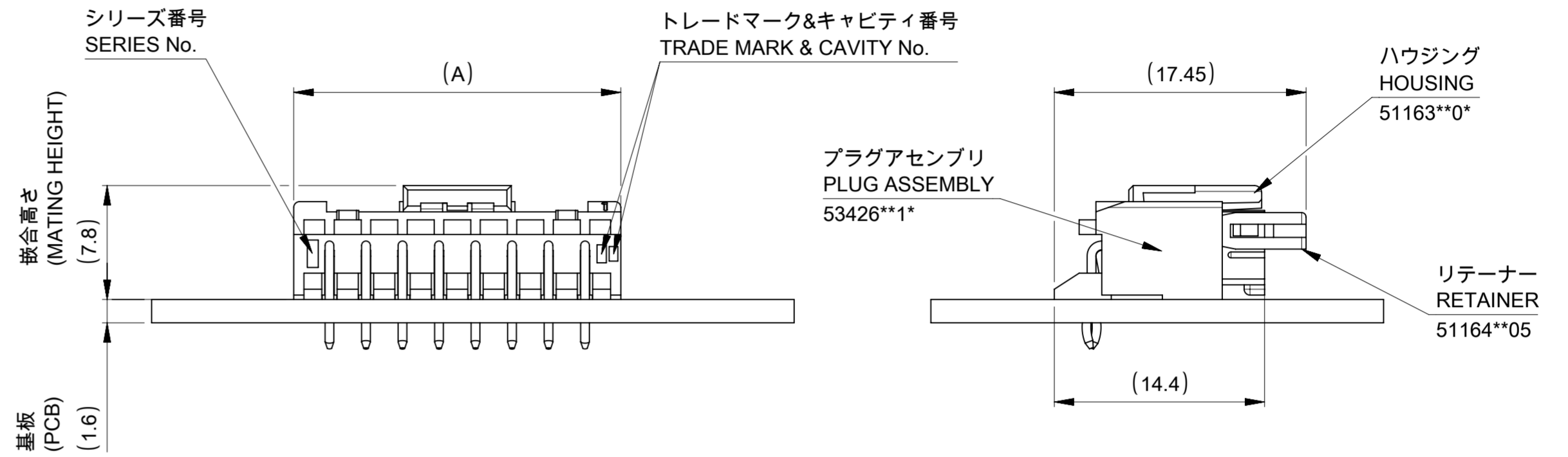


5~15CIRCUIT

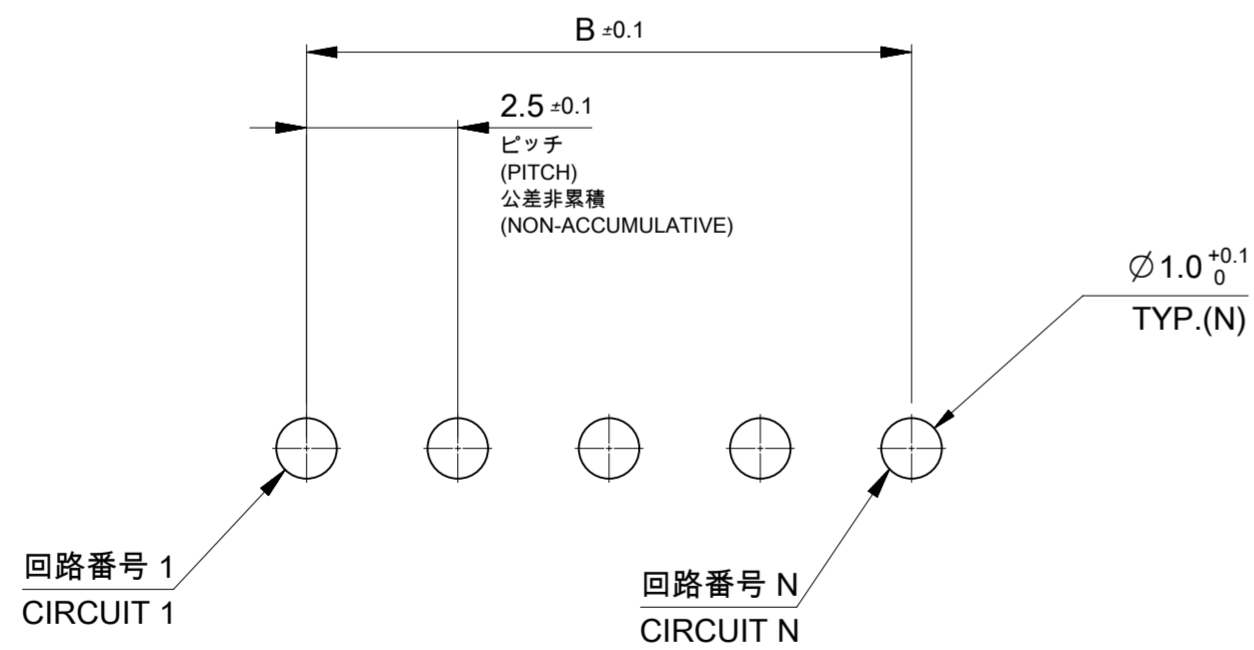
ロック形状図  
LOCK CONFIGURATION



製品レイアウト  
PRODUCT LAYOUT



嵌合図  
MATED CONNECTORS



基板取付穴推奨寸法(マウント面)  
RECOMMENDED PCB HOLE DIMENSION  
(MOUNTING SIDE), (t=1.6)

|   |  |       |  |   |  |                 |  |                 |  |                   |  |            |  |
|---|--|-------|--|---|--|-----------------|--|-----------------|--|-------------------|--|------------|--|
| 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:   |  |                 |  |                 |  |                   |  |            |  |
| mm  |  | NTS   |  | <p><b>molex</b></p> <p>MINI-LOCK 2.5 W/B<br/>SINGLE ROW RIGHT ANGLE PLUG ASSEMBLY</p> <p>PRODUCT CUSTOMER DRAWING</p> |  |                 |  |                 |  |                   |  |            |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)   |  |       |  |   |  |                 |  |                 |  |                   |  |            |  |
| ANGULAR TOL ± 3.0°  |  |       |  |   |  |                 |  |                 |  |                   |  |            |  |
| 4 PLACES  |  | ± 0.2 |  |   |  |                 |  |                 |  | EC NO: 650566     |  | 2020/12/03 |  |
| 3 PLACES  |  | ± 0.2 |  |   |  |                 |  |                 |  | DRWN: RWATANABE01 |  | 2020/12/18 |  |
| 2 PLACES  |  | ± 0.2 |  | CHK'D: AIDA   |  | 2020/12/18      |  |                 |  |                   |  |            |  |
| 1 PLACE   |  | ± 0.2 |  | APPR: SAKIYAMA  |  | 2020/12/18      |  |                 |  |                   |  |            |  |
| 0 PLACES  |  | ± 0.2 |  | INITIAL REVISION:   |  |                 |  | DOCUMENT NUMBER |  |                   |  |            |  |
|   |  |       |  | DRWN: RWATANABE01   |  | 2019/09/19      |  | 534260000-SD    |  |                   |  |            |  |
|   |  |       |  | APPR: SAKIYAMA  |  | 2020/09/28      |  | PSD 000 B       |  |                   |  |            |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |  |       |  | THIRD ANGLE PROJECTION  |  | DRAWING         |  | SHEET NUMBER    |  |                   |  |            |  |
|   |  |       |  |   |  | A2-SIZE         |  | 2 OF 2          |  |                   |  |            |  |
|   |  |       |  | SERIES  |  | MATERIAL NUMBER |  | CUSTOMER        |  |                   |  |            |  |
|   |  |       |  | 53426   |  | GENERAL         |  |                 |  |                   |  |            |  |