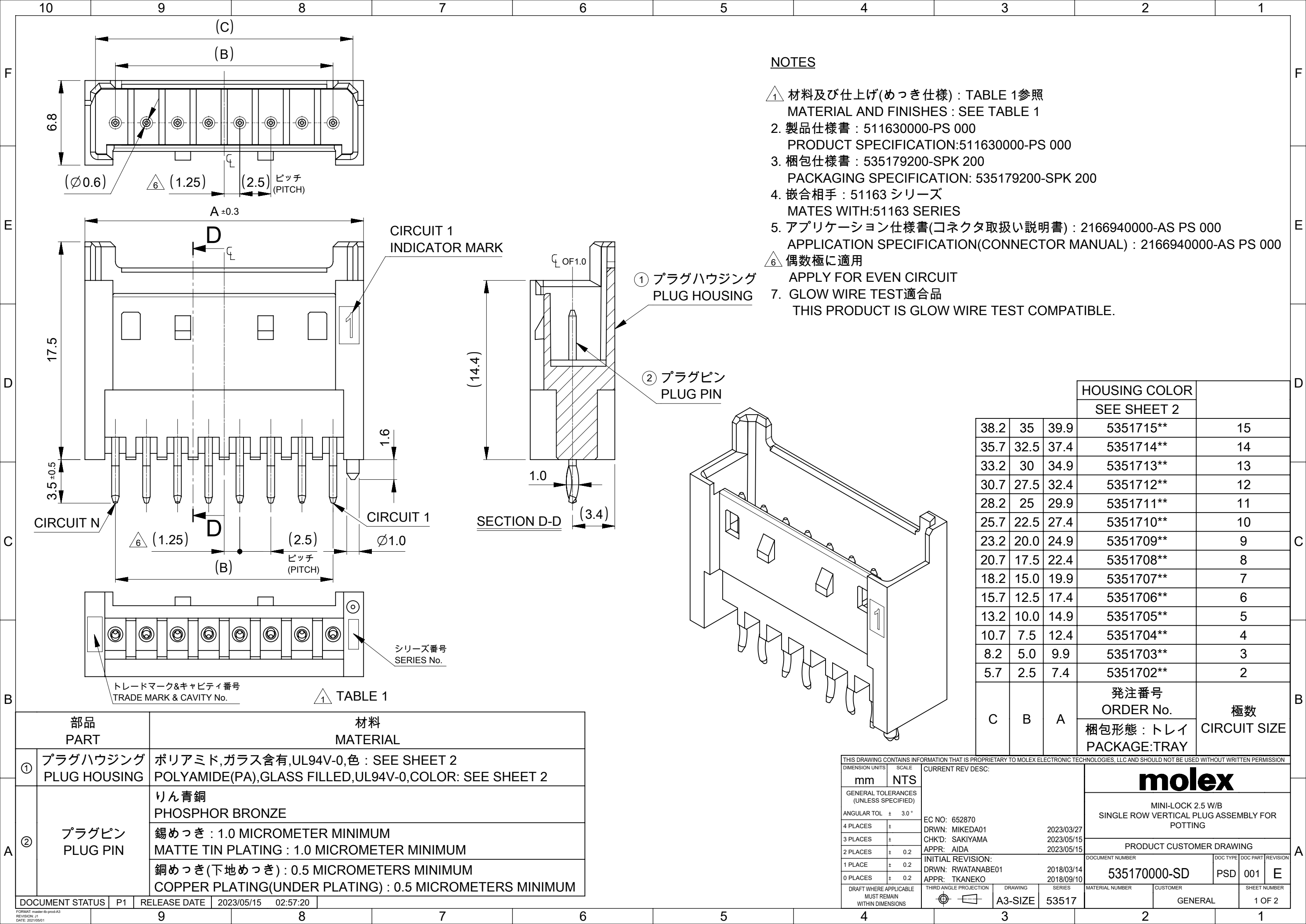




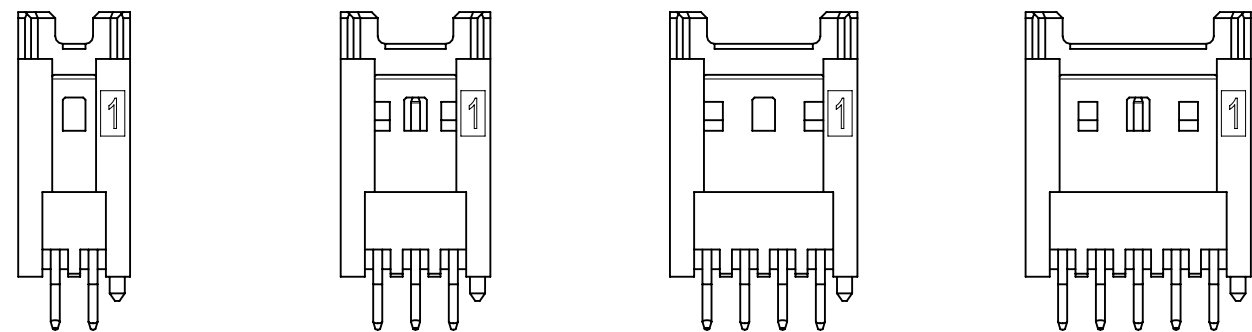
NOTES

- 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 : 535179200-SPK 200  
PACKAGING SPECIFICATION: 535179200-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 偶数極に適用  
APPLY FOR EVEN CIRCUIT
7. GLOW WIRE TEST適合品  
THIS PRODUCT IS GLOW WIRE TEST COMPATIBLE.

|      |      |      | HOUSING COLOR                                   |                    |
|------|------|------|-------------------------------------------------|--------------------|
|      |      |      | SEE SHEET 2                                     |                    |
| 38.2 | 35   | 39.9 | 5351715**                                       | 15                 |
| 35.7 | 32.5 | 37.4 | 5351714**                                       | 14                 |
| 33.2 | 30   | 34.9 | 5351713**                                       | 13                 |
| 30.7 | 27.5 | 32.4 | 5351712**                                       | 12                 |
| 28.2 | 25   | 29.9 | 5351711**                                       | 11                 |
| 25.7 | 22.5 | 27.4 | 5351710**                                       | 10                 |
| 23.2 | 20.0 | 24.9 | 5351709**                                       | 9                  |
| 20.7 | 17.5 | 22.4 | 5351708**                                       | 8                  |
| 18.2 | 15.0 | 19.9 | 5351707**                                       | 7                  |
| 15.7 | 12.5 | 17.4 | 5351706**                                       | 6                  |
| 13.2 | 10.0 | 14.9 | 5351705**                                       | 5                  |
| 10.7 | 7.5  | 12.4 | 5351704**                                       | 4                  |
| 8.2  | 5.0  | 9.9  | 5351703**                                       | 3                  |
| 5.7  | 2.5  | 7.4  | 5351702**                                       | 2                  |
| C    | B    | A    | 発注番号<br>ORDER No.<br>梱包形態 : トレイ<br>PACKAGE:TRAY | 極数<br>CIRCUIT SIZE |

| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |         | CURRENT REV DESC:      |         | molex                                                                 |                 |          |              |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------|------------------------|---------|-----------------------------------------------------------------------|-----------------|----------|--------------|
| DIMENSION UNITS                                                                                                                               | SCALE   |                        |         | MINI-LOCK 2.5 W/B<br>SINGLE ROW VERTICAL PLUG ASSEMBLY FOR<br>POTTING |                 |          |              |
| mm                                                                                                                                            | NTS     |                        |         | PRODUCT CUSTOMER DRAWING                                              |                 |          |              |
| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                                      |         |                        |         |                                                                       |                 |          |              |
| ANGULAR TOL                                                                                                                                   | ± 3.0 ° |                        |         |                                                                       |                 |          |              |
| 4 PLACES                                                                                                                                      | ±       |                        |         |                                                                       |                 |          |              |
| 3 PLACES                                                                                                                                      | ±       |                        |         |                                                                       |                 |          |              |
| 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 | 53517                                                                 | 535170000-SD    | GENERAL  | 1 OF 2       |

| 部品<br>PART      |                          | 材料<br>MATERIAL                                                                                   |
|-----------------|--------------------------|--------------------------------------------------------------------------------------------------|
| ①               | プラグハウジング<br>PLUG HOUSING | ポリアミド,ガラス含有,UL94V-0,色 : SEE SHEET 2<br>POLYAMIDE(PA),GLASS FILLED,UL94V-0,COLOR: SEE SHEET 2     |
| ②               | プラグピン<br>PLUG PIN        | りん青銅<br>PHOSPHOR BRONZE                                                                          |
|                 |                          | 錫めっき : 1.0 MICROMETER MINIMUM<br>MATTE TIN PLATING : 1.0 MICROMETER MINIMUM                      |
|                 |                          | 銅めっき(下地めっき) : 0.5 MICROMETERS MINIMUM<br>COPPER PLATING(UNDER PLATING) : 0.5 MICROMETERS MINIMUM |
| DOCUMENT STATUS | P1                       | RELEASE DATE 2023/05/15 02:57:20                                                                 |



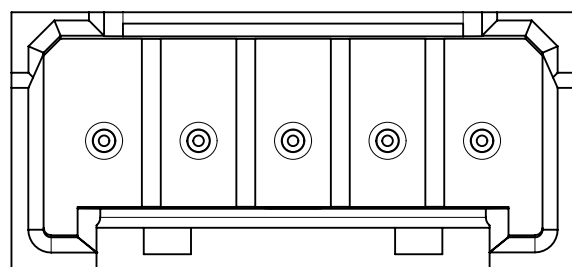
2CIRCUIT

3CIRCUIT

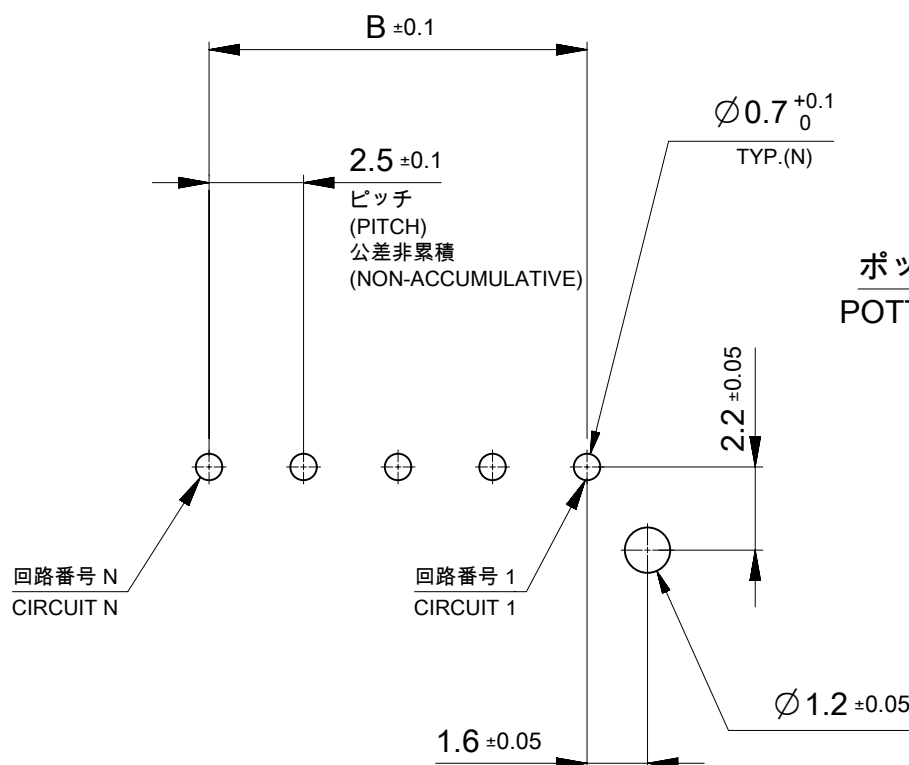
4CIRCUIT

5-15CIRCUIT

ロック形状図  
LOCK CONFIGURATION

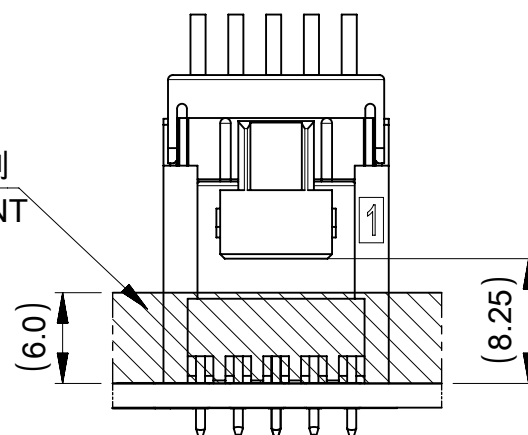


製品レイアウト  
PRODUCT LAYOUT

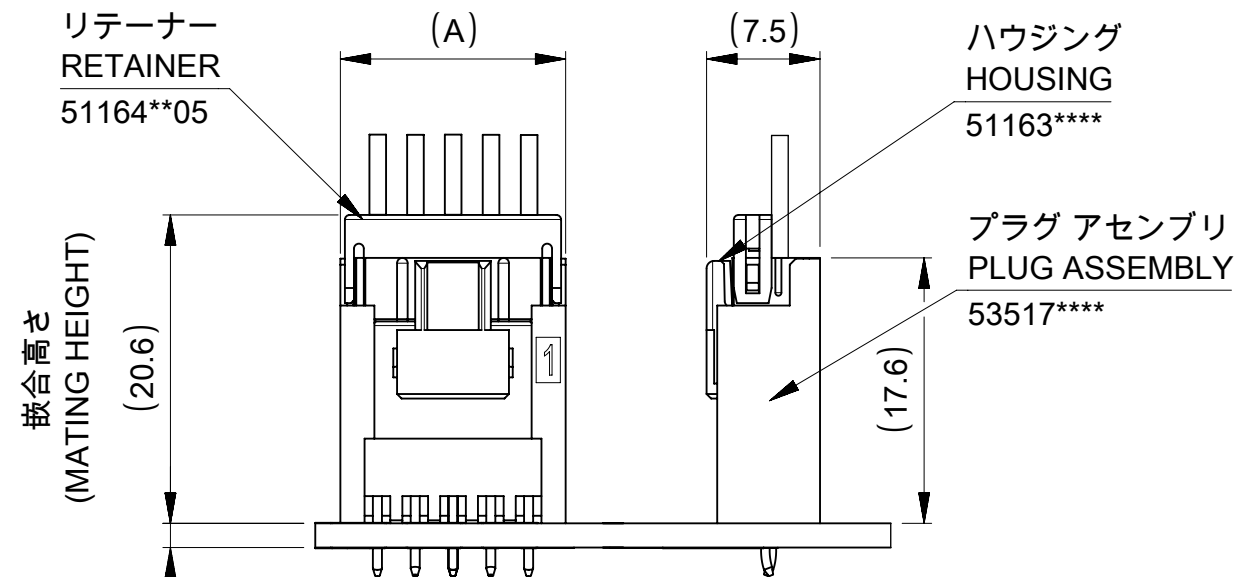


基板取付穴推奨寸法(マウント面)  
RECOMMENDED PCB HOLE DIMENSION  
(MOUNTING SIDE) ,(t=1.6)

ポッティング剤  
POTTING AGENT



参考ポッティング高さ  
POTTING HEIGHT (REFERENCE)



基板  
(PCB)

嵌合高さ  
(MATING HEIGHT)

嵌合状態図  
MATED CONNECTORS

| BLACK             | NATURAL<br>(WHITE) | HOUSING<br>COLOR   |
|-------------------|--------------------|--------------------|
| 535171541         | 535171530          | 15                 |
| 535171441         | 535171430          | 14                 |
| 535171341         | 535171330          | 13                 |
| 535171241         | 535171230          | 12                 |
| 535171141         | 535171130          | 11                 |
| 535171041         | 535171030          | 10                 |
| 535170941         | 535170930          | 9                  |
| 535170841         | 535170830          | 8                  |
| 535170741         | 535170730          | 7                  |
| 535170641         | 535170630          | 6                  |
| 535170541         | 535170530          | 5                  |
| 535170441         | 535170430          | 4                  |
| 535170341         | 535170330          | 3                  |
| 535170241         | 535170230          | 2                  |
| 発注番号<br>ORDER NO. |                    | 極数<br>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:      |  |                            | <div>molex</div> <div>MINI-LOCK 2.5 W/B<br/>SINGLE ROW VERTICAL PLUG ASSEMBLY FOR<br/>POTTING</div> <div>PRODUCT CUSTOMER DRAWING</div> |          |          |                 |
| mm                                                                                                                                            |  | NTS   |  |                        |  |                            |                                                                                                                                         |          |          |                 |
| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                                      |  |       |  |                        |  |                            |                                                                                                                                         |          |          |                 |
| ANGULAR TOL                                                                                                                                   |  | ±     |  | 3.0 °                  |  |                            |                                                                                                                                         |          |          |                 |
| 4 PLACES                                                                                                                                      |  | ±     |  |                        |  | EC NO: 652870              |                                                                                                                                         |          |          |                 |
| 3 PLACES                                                                                                                                      |  | ±     |  |                        |  | DRWN: MIKEDA01 2023/03/27  |                                                                                                                                         |          |          |                 |
| 2 PLACES                                                                                                                                      |  | ±     |  | 0.2                    |  | CHK'D: SAKIYAMA 2023/05/15 |                                                                                                                                         |          |          |                 |
| 1 PLACE                                                                                                                                       |  | ±     |  | 0.2                    |  | APPR: AIDA 2023/05/15      |                                                                                                                                         |          |          |                 |
| 0 PLACES                                                                                                                                      |  | ±     |  | 0.2                    |  | INITIAL REVISION:          |                                                                                                                                         |          |          |                 |
| DRWN: RWATANABE01                                                                                                                             |  |       |  | 2018/03/14             |  | DOCUMENT NUMBER            |                                                                                                                                         | DOC TYPE | DOC PART | REVISION        |
| APPR: TKANEKO                                                                                                                                 |  |       |  | 2018/09/10             |  | 535170000-SD               |                                                                                                                                         | PSD      | 001      | E               |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |  |       |  | THIRD ANGLE PROJECTION |  | DRAWING                    |                                                                                                                                         | SERIES   |          | MATERIAL NUMBER |
|                                                                                                                                               |  |       |  |                        |  | A3-SIZE                    |                                                                                                                                         | 53517    |          | CUSTOMER        |
|                                                                                                                                               |  |       |  |                        |  |                            |                                                                                                                                         | GENERAL  |          | SHEET NUMBER    |
|                                                                                                                                               |  |       |  |                        |  |                            |                                                                                                                                         |          |          | 2 OF 2          |