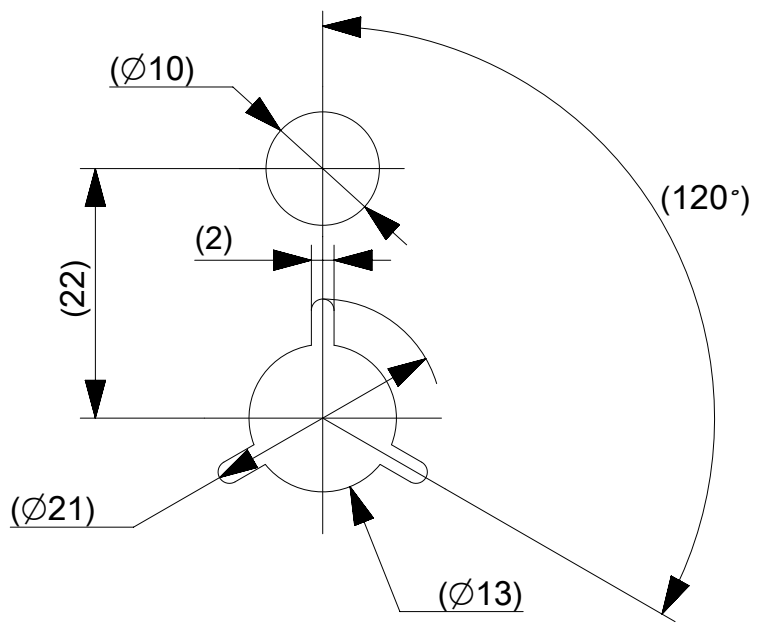
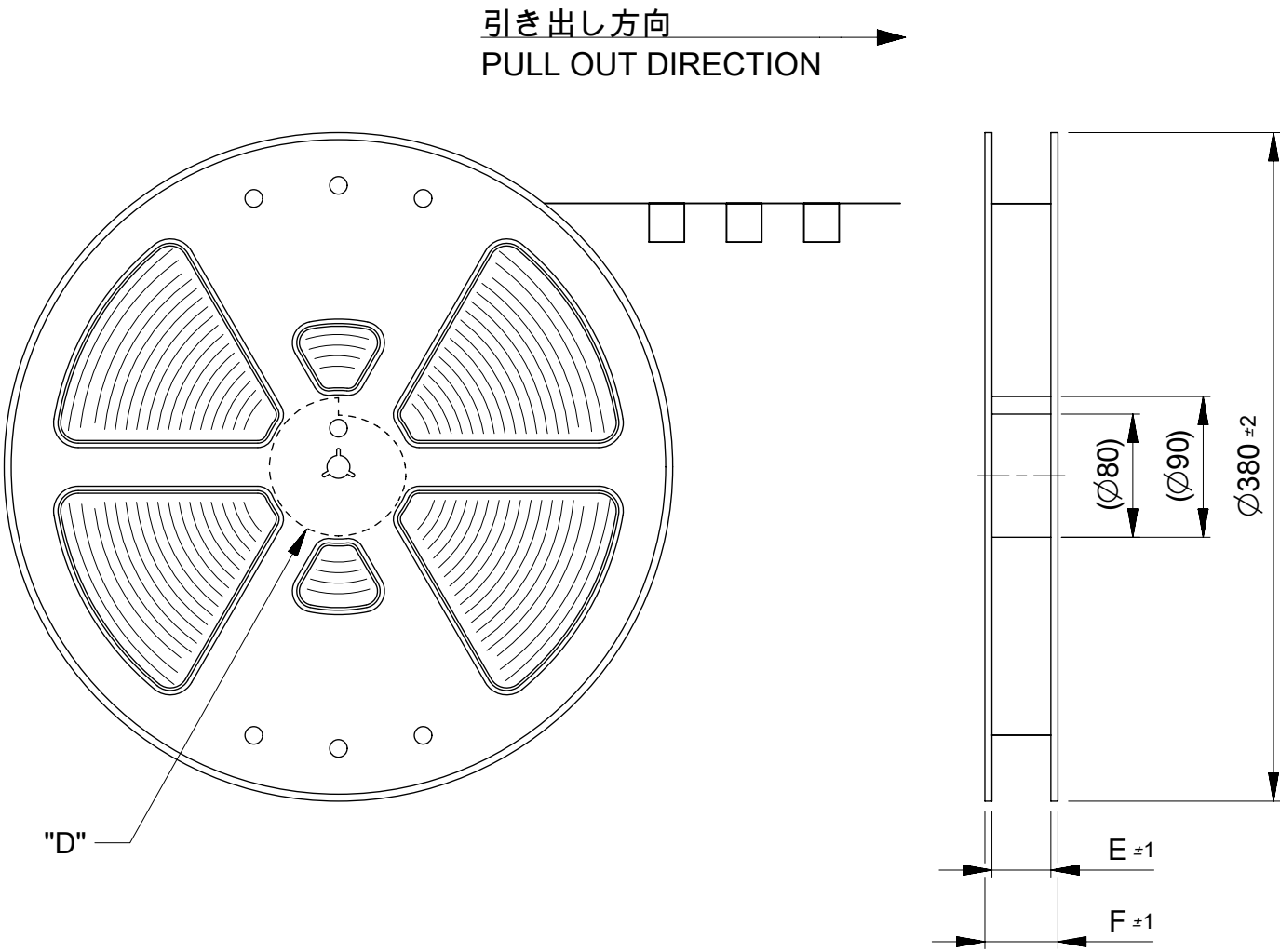
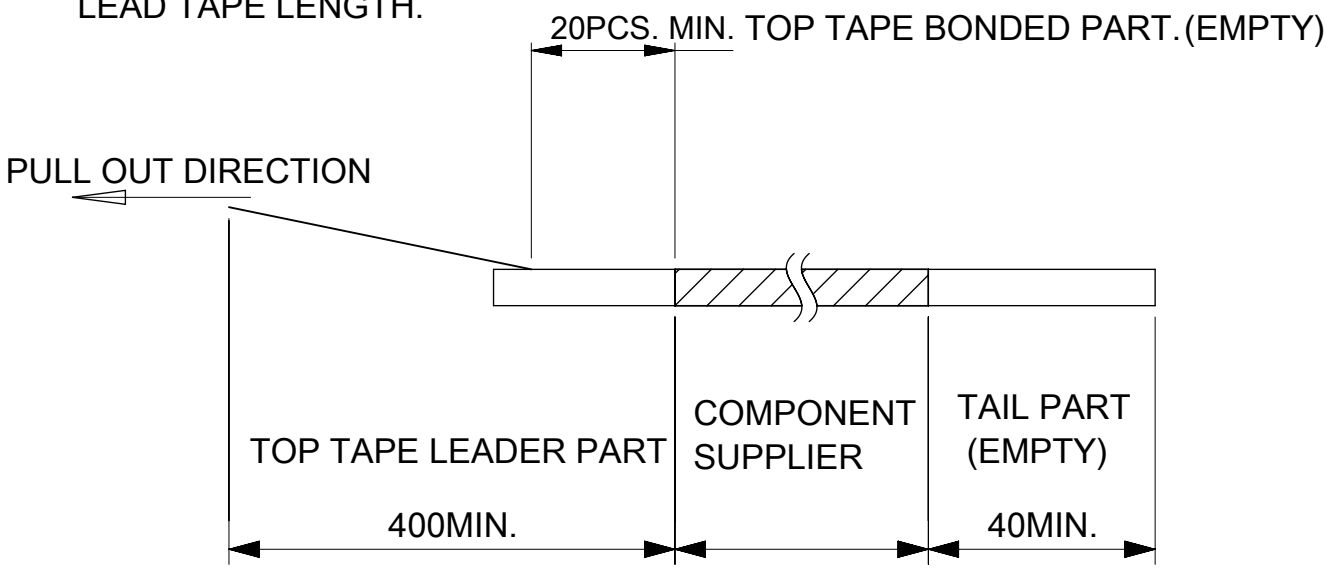




DETAIL "D"

NOTES

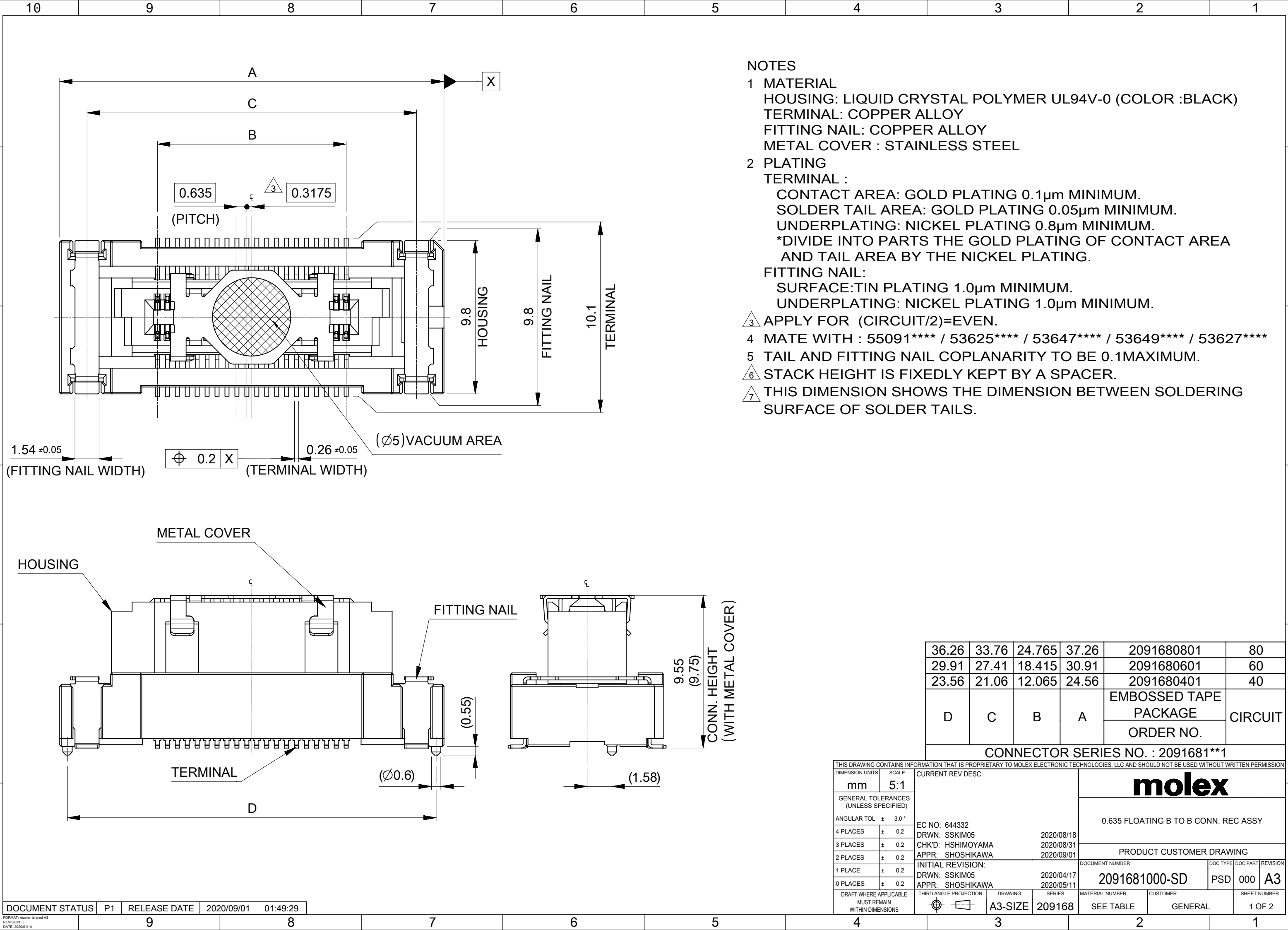
1. DETAILED DIMENSION OF THE CONNECTOR, SEE PRODUCT DRAWING.
2. NUMBER OF CONNECTORS : 440 PCS/REEL
3. LEAD TAPE LENGTH.



4. TOP TAPE PEEL FORCE IS DEFINED BY IEC60286-3
5. MATERIAL  
CARRIER TAPE :POLYSTYRENE  
TOP TAPE :PET , OTHER  
REEL :POLYSTYRENE(PS)(RECYCLE MATERIAL CONTAINED)

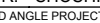
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |       |  |                                                                                                                                                                                              |  |         |  |                  |  |
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| DIMENSION UNITS                                                                                                                               |  | SCALE |  | CURRENT REV DESC:                                                                                                                                                                            |  |         |  | <div>molex</div> |  |
| mm                                                                                                                                            |  | 1:1   |  |                                                                                                                                                                                              |  |         |  |                  |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |  |       |  | EC NO: 639800<br>DRWN: SSKIM05 2020/06/18<br>CHK'D: HSHIMOYAMA 2020/06/18<br>APPR: SHOSHIKAWA 2020/06/18<br><br>INITIAL REVISION:<br>DRWN: SSKIM05 2020/04/16<br>APPR: SHOSHIKAWA 2020/05/11 |  |         |  |                  |  |
| ANGULAR TOL    ±    °                                                                                                                         |  |       |  |                                                                                                                                                                                              |  |         |  |                  |  |
| 4 PLACES                                                                                                                                      |  | ±     |  |                                                                                                                                                                                              |  |         |  |                  |  |
| 3 PLACES                                                                                                                                      |  | ±     |  |                                                                                                                                                                                              |  |         |  |                  |  |
| 2 PLACES                                                                                                                                      |  | ±     |  |                                                                                                                                                                                              |  |         |  |                  |  |
| 1 PLACE                                                                                                                                       |  | ±     |  |                                                                                                                                                                                              |  |         |  |                  |  |
| 0 PLACES                                                                                                                                      |  | ±     |  |                                                                                                                                                                                              |  |         |  |                  |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |  |       |  | THIRD ANGLE PROJECTION                                                                                                                                                                       |  | DRAWING |  | SERIES           |  |
|                                                                                                                                               |  |       |  |                                                                                                         |  | A3-SIZE |  | 209168           |  |
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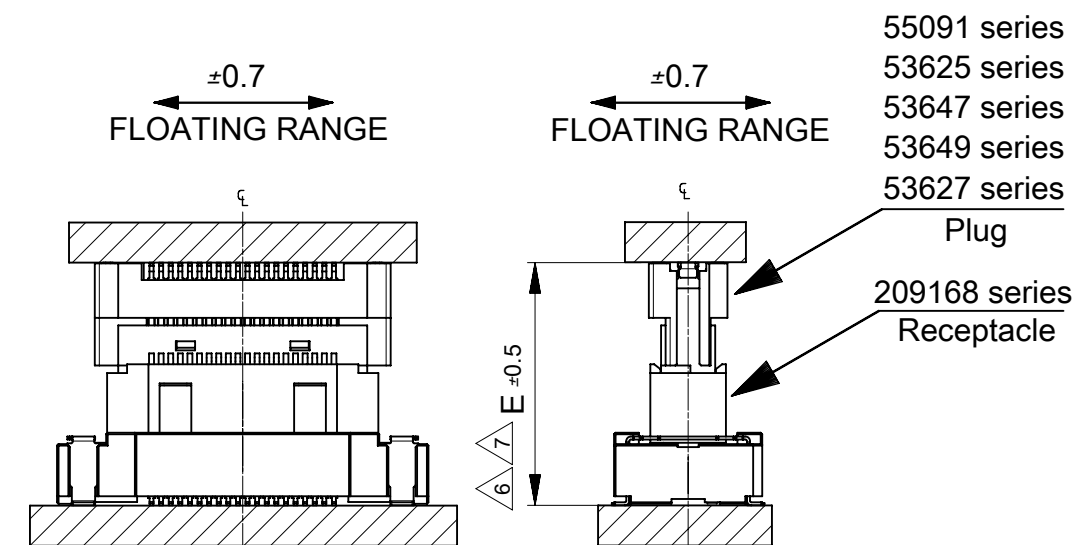
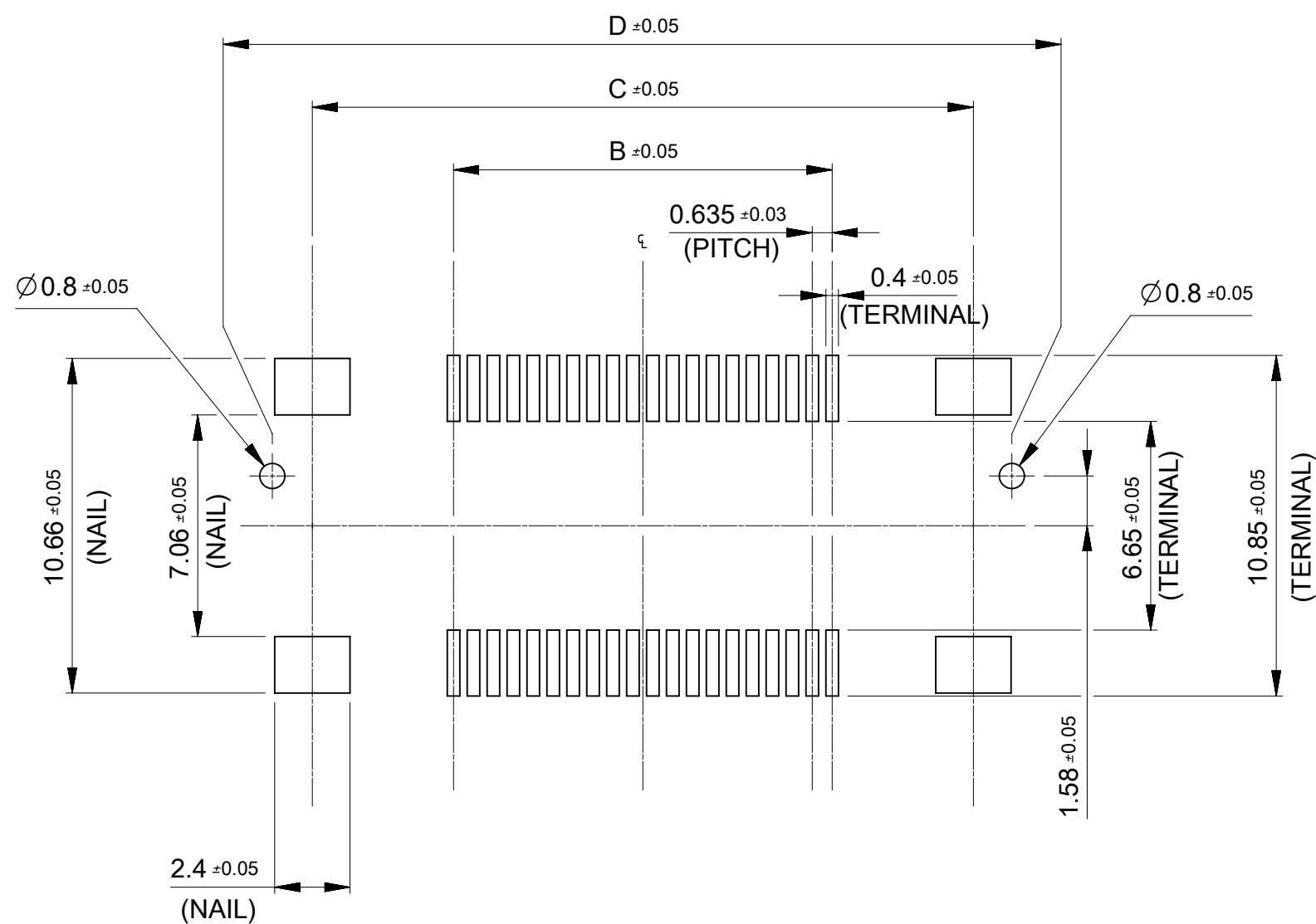


- NOTES
- MATERIAL  
HOUSING: LIQUID CRYSTAL POLYMER UL94V-0 (COLOR :BLACK)  
TERMINAL: COPPER ALLOY  
FITTING NAIL: COPPER ALLOY  
METAL COVER : STAINLESS STEEL
  - PLATING  
TERMINAL :  
CONTACT AREA: GOLD PLATING 0.1µm MINIMUM.  
SOLDER TAIL AREA: GOLD PLATING 0.05µm MINIMUM.  
UNDERPLATING: NICKEL PLATING 0.8µm MINIMUM.  
\*DIVIDE INTO PARTS THE GOLD PLATING OF CONTACT AREA AND TAIL AREA BY THE NICKEL PLATING.  
FITTING NAIL:  
SURFACE:TIN PLATING 1.0µm MINIMUM.  
UNDERPLATING: NICKEL PLATING 1.0µm MINIMUM.
  - △<sub>3</sub> APPLY FOR (CIRCUIT/2)=EVEN.
  - MATE WITH : 55091\*\*\*\* / 53625\*\*\*\* / 53647\*\*\*\* / 53649\*\*\*\* / 53627\*\*\*\*
  - TAIL AND FITTING NAIL COPLANARITY TO BE 0.1MAXIMUM.
  - △<sub>6</sub> STACK HEIGHT IS FIXEDLY KEPT BY A SPACER.
  - △<sub>7</sub> THIS DIMENSION SHOWS THE DIMENSION BETWEEN SOLDERING SURFACE OF SOLDER TAILS.

|                                   |       |        |       |                           |         |
|-----------------------------------|-------|--------|-------|---------------------------|---------|
| 36.26                             | 33.76 | 24.765 | 37.26 | 2091680801                | 80      |
| 29.91                             | 27.41 | 18.415 | 30.91 | 2091680601                | 60      |
| 23.56                             | 21.06 | 12.065 | 24.56 | 2091680401                | 40      |
| D                                 | C     | B      | A     | EMBOSSSED TAPE<br>PACKAGE | CIRCUIT |
|                                   |       |        |       | ORDER NO.                 |         |
| CONNECTOR SERIES NO. : 2091681**1 |       |        |       |                           |         |

|                                                                                                                                               |  |       |  |                                                                                       |  |         |                          |                 |  |               |          |              |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|-------|--|---------------------------------------------------------------------------------------|--|---------|--------------------------|-----------------|--|---------------|----------|--------------|-----|
| 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                                                                                                                                            |  | 5:1   |  |                                                                                       |  |         |                          |                 |  |               |          |              |     |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |  |       |  | 0.635 FLOATING B TO B CONN. REC ASSY                                                  |  |         |                          |                 |  |               |          |              |     |
| ANGULAR TOL ± 3.0 °                                                                                                                           |  |       |  |                                                                                       |  |         |                          |                 |  |               |          |              |     |
| 4 PLACES                                                                                                                                      |  | ± 0.2 |  | EC NO: 644332                                                                         |  |         | PRODUCT CUSTOMER DRAWING |                 |  |               |          |              |     |
| 3 PLACES                                                                                                                                      |  | ± 0.2 |  | DRWN: SSKIM05 2020/08/18                                                              |  |         |                          |                 |  |               |          |              |     |
| 2 PLACES                                                                                                                                      |  | ± 0.2 |  | CHK'D: HSHIMOYAMA 2020/08/31                                                          |  |         |                          |                 |  |               |          |              |     |
| 1 PLACE                                                                                                                                       |  | ± 0.2 |  | APPR: SHOSHIKAWA 2020/09/01                                                           |  |         | DOCUMENT NUMBER          |                 |  | DOC TYPE      | DOC PART | REVISION     |     |
| 0 PLACES                                                                                                                                      |  | ± 0.2 |  | INITIAL REVISION:                                                                     |  |         |                          |                 |  | 2091681000-SD |          |              | PSD |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                          |  |       |  | THIRD ANGLE PROJECTION                                                                |  | DRAWING | SERIES                   | MATERIAL NUMBER |  | CUSTOMER      |          | SHEET NUMBER |     |
|                                                                                                                                               |  |       |  |  |  | A3-SIZE | 209168                   | SEE TABLE       |  | GENERAL       |          | 1 OF 2       |     |

RECOMMENDED THICKNESS OF METAL MASK :  $t=0.15\text{mm}$   
RECOMMENDED OPEN APERTURE RATIO OF METAL MASK : 100%



| 嵌合高さ一覧<br>Stacking Height variation |                      |              |
|-------------------------------------|----------------------|--------------|
| 12                                  | 209168 series        | 55091 series |
| 13                                  |                      | 53625 series |
| 14                                  |                      | 53647 series |
| 15                                  |                      | 53649 series |
| 16                                  |                      | 53627 series |
| 嵌合高さ E<br>Stacking Height E         | リセプタクル<br>Receptacle | プラグ<br>Plug  |

|                                                                                                                                               |  |       |  |                                                                                                  |  |         |  |                  |  |                 |          |          |     |              |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|-------|--|--------------------------------------------------------------------------------------------------|--|---------|--|------------------|--|-----------------|----------|----------|-----|--------------|--|
| 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                                                                                                                                            |  | 5:1   |  |                                                                                                  |  |         |  |                  |  |                 |          |          |     |              |  |
| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                                      |  |       |  |                                                                                                  |  |         |  |                  |  |                 |          |          |     |              |  |
| ANGULAR TOL ± 3.0°                                                                                                                            |  |       |  | 0.635 FLOATING B TO B CONN. REC ASSY                                                             |  |         |  |                  |  |                 |          |          |     |              |  |
| 4 PLACES                                                                                                                                      |  | ± 0.2 |  |                                                                                                  |  |         |  |                  |  |                 |          |          |     |              |  |
| 3 PLACES                                                                                                                                      |  | ± 0.2 |  |                                                                                                  |  |         |  |                  |  |                 |          |          |     |              |  |
| 2 PLACES                                                                                                                                      |  | ± 0.2 |  | PRODUCT CUSTOMER DRAWING                                                                         |  |         |  |                  |  |                 |          |          |     |              |  |
| 1 PLACE                                                                                                                                       |  | ± 0.2 |  |                                                                                                  |  |         |  |                  |  |                 |          |          |     |              |  |
| 0 PLACES                                                                                                                                      |  | ± 0.2 |  | DOCUMENT NUMBER                                                                                  |  |         |  | DOC TYPE         |  | DOC PART        | REVISION |          |     |              |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |  |       |  | INITIAL REVISION:                                                                                |  |         |  | 2091681000-SD    |  |                 |          | PSD      | 000 | A3           |  |
|                                                                                                                                               |  |       |  | DRWN: SSKIM05 2020/04/17                                                                         |  |         |  |                  |  |                 |          |          |     |              |  |
| APPR: SHOSHIKAWA 2020/05/11                                                                                                                   |  |       |  |                                                                                                  |  |         |  |                  |  |                 |          |          |     |              |  |
| <div>DRAFT WHERE APPLICABLE<br/>MUST REMAIN<br/>WITHIN DIMENSIONS</div>                                                                       |  |       |  | THIRD ANGLE PROJECTION                                                                           |  | DRAWING |  | SERIES           |  | MATERIAL NUMBER |          | CUSTOMER |     | SHEET NUMBER |  |
|                                                                                                                                               |  |       |  | <div></div> |  | A3-SIZE |  | 209168           |  | SEE TABLE       |          | GENERAL  |     | 2 OF 2       |  |