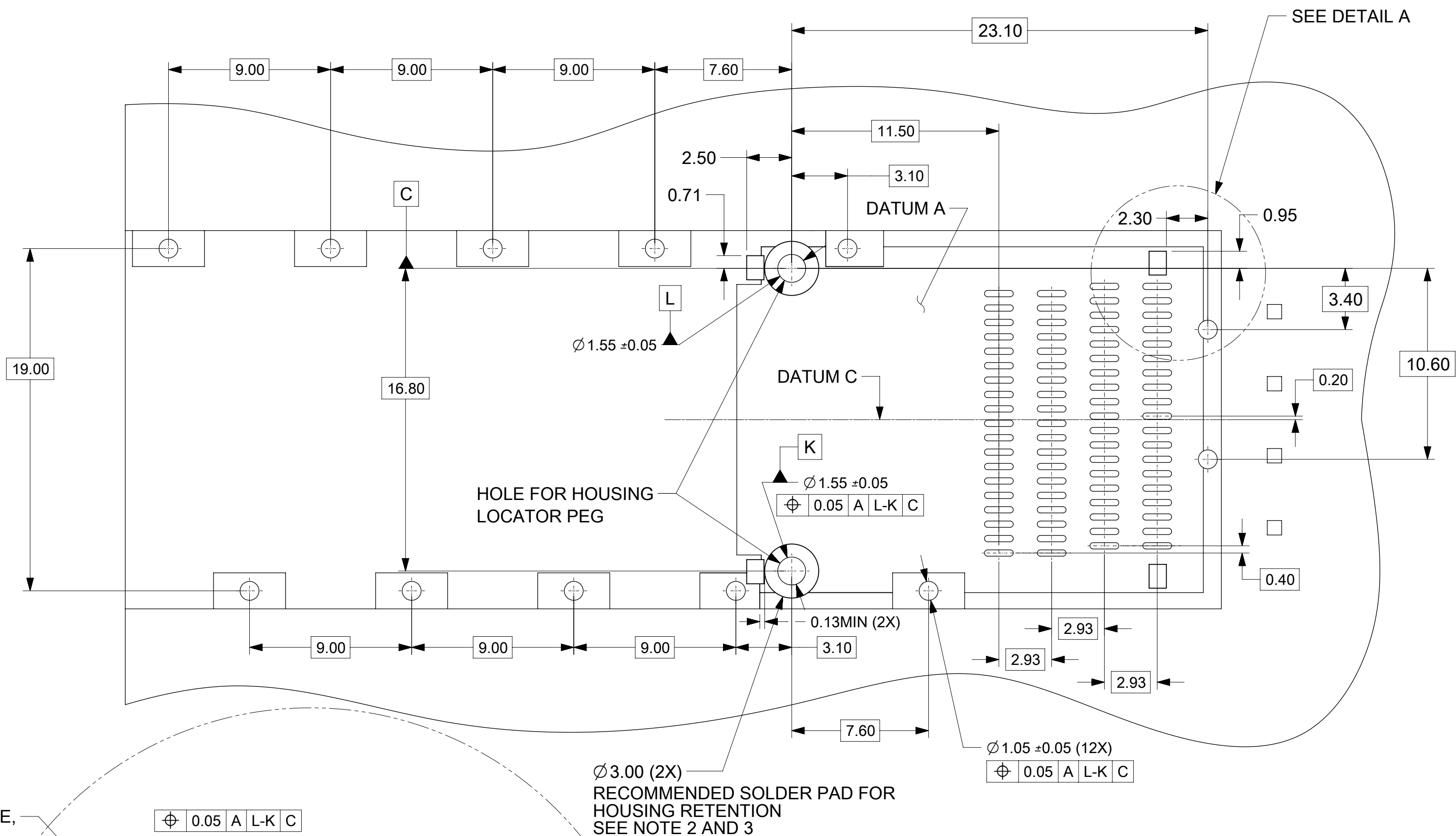



## MOTHERBOARD FOOTPRINT RECOMMENDATION



ADHESIVE PAD ZONE,  
TYPICAL 4 PLACES  
SEE NOTE 1 AND 3

0.35 ±0.03

|   |      |   |     |   |
|---|------|---|-----|---|
|  | 0.05 | A | L-K | C |
|---|------|---|-----|---|

DETAIL A  
SCALE 20:1

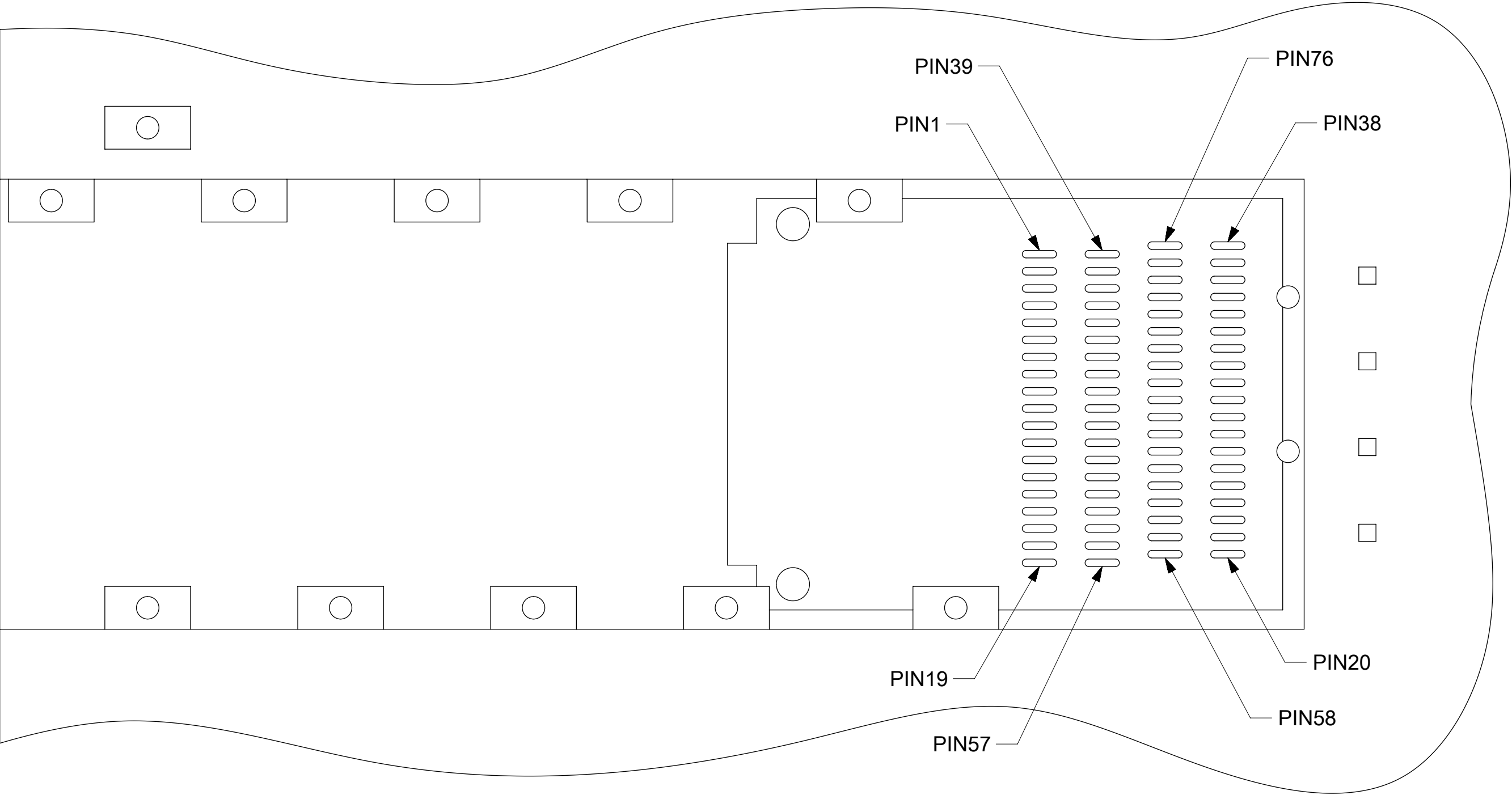
NOTE:

1. SMT ADHESIVE IS RECOMMENDED FOR USE WITH TWO PASS REFLOW PROCESS.
2. CONNECTOR SOLDER RING IS RECOMMENDED FOR USE WITH TWO PASS REFLOW PROCESS.  
REDUCE SIZE OF 2.00X4.00 CAGE COPPER PAD TO MAINTAIN GAP OF AT LEAST 0.13MM BETWEEN  
SOLDER RING PAD AND CAGE COPPER PAD.
3. SEE APPLICATION SPECIFICATION 2027189030-AS FOR MORE DETAILS ON TWO PASS REFLOW  
PROCESS WHERE CONNECTOR IS ON UNDERSIDE OF PCB DURING SECOND PASS.
4. SEE APPLICATION SPECIFICATION 2027189030-AS FOR STENCIL RECOMMENDATION  
STENCIL RECOMMENDATION IS A GUIDELINE ONLY. MANUFACTURING PROCESS PARAMETERS  
WILL DEFINE THE ACTUAL STENCIL  
RECOMMENDED STENCIL THICKNESS: 0.13MM (.005")  
SOLDER FOOT: ~100% OF PAD  
SOLDER RING: ~45% OF PAD

| SYMBOLS                                  |  | 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: SEE REVISION TABLE |  |                                  |  | <div>molex</div> |                 |                        |  |
| mm                                       |  | 5:1   |  |                                      |  |                                  |  |                  |                 |                        |  |
| GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |  | EC NO: 606617<br>DRWN: MCAIN 2018/05/18<br>CHK'D: RNELSON 2018/10/29<br>APPR: RNELSON 2018/10/29  |  |                                      |  | ASSEMBLY DDQ SMT CONNECTOR 76CKT |  |                  |                 |                        |  |
| ANGULAR TOL ± 1.0°                       |  |   |  |                                      |  |                                  |  |                  |                 |                        |  |
| 4 PLACES ±                               |  | INITIAL REVISION:<br>DRWN: LZHUANG06 2017/04/07<br>APPR: SMILLER 2017/12/18   |  |                                      |  | DOCUMENT NUMBER<br>2027180100    |  | DOC TYPE<br>PSD  | DOC PART<br>000 | REVISION<br>C1         |  |
| 3 PLACES ±                               |  |   |  |                                      |  |                                  |  |                  |                 |                        |  |
| 2 PLACES ± 0.13                          |  |   |  |                                      |  |                                  |  |                  |                 |                        |  |
| 1 PLACE ± 0.25                           |  | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS  |  |                                      |  | MATERIAL NUMBER<br>2027180100    |  | CUSTOMER         |                 | SHEET NUMBER<br>2 OF 6 |  |
| 0 PLACES ±                               |  |   |  |                                      |  |                                  |  |                  |                 |                        |  |
| THIRD ANGLE PROJECTION                   |  | DRAWING   |  | SERIES                               |  | C-SIZE                           |  | 202718           |                 |                        |  |
|  |  |   |  |                                      |  |                                  |  |                  |                 |                        |  |

PIN OUT TABLE

| PIN # | Symbol  | Description                         | Notes |
|-------|---------|-------------------------------------|-------|
| 1     | GND     | Ground                              |       |
| 2     | TX2n    | Transmitter Inverted Data Input     |       |
| 3     | TX2p    | Transmitter Non-Inverted Data Input |       |
| 4     | GND     | Ground                              |       |
| 5     | TX4n    | Transmitter Inverted Data Input     |       |
| 6     | TX4p    | Transmitter Non-Inverted Data Input |       |
| 7     | GND     | Ground                              |       |
| 8     | ModSelL | Module Select                       |       |
| 9     | ResetL  | Module Reset                        |       |
| 10    | VCC RX  | +3.3V Power Supply Receiver         |       |
| 11    | SCL     | 2-wire serial interface clock       |       |
| 12    | SDA     | 2-wire serial interface data        |       |
| 13    | GND     | Ground                              |       |
| 14    | RX3p    | Receiver Non-Inverted Data Output   |       |
| 15    | RX3n    | Receiver Inverted Data Output       |       |
| 16    | GND     | Ground                              |       |
| 17    | RX1p    | Receiver Non-Inverted Data Output   |       |
| 18    | RX1n    | Receiver Inverted Data Output       |       |
| 19    | GND     | Ground                              |       |
| 20    | GND     | Ground                              |       |
| 21    | RX2n    | Receiver Inverted Data Output       |       |
| 22    | RX2p    | Receiver Non-Inverted Data Output   |       |
| 23    | GND     | Ground                              |       |
| 24    | RX4n    | Receiver Inverted Data Output       |       |
| 25    | RX4p    | Receiver Non-Inverted Data Output   |       |
| 26    | GND     | Ground                              |       |
| 27    | ModPrsL | Module Present                      |       |
| 28    | IntL    | Interrupt                           |       |
| 29    | VCC TX  | +3.3V Power supply transmitter      |       |
| 30    | VCC1    | +3.3V Power supply                  |       |
| 31    | LPMODE  | Low Power Mode                      |       |
| 32    | GND     | Ground                              |       |
| 33    | TX3p    | Transmitter Non-Inverted Data Input |       |
| 34    | TX3n    | Transmitter Inverted Data Input     |       |
| 35    | GND     | Ground                              |       |
| 36    | TX1p    | Transmitter Non-Inverted Data Input |       |
| 37    | TX1n    | Transmitter Inverted Data Input     |       |
| 38    | GND     | Ground                              |       |
| 39    | GND     | Ground                              |       |
| 40    | TX6n    | Transmitter Inverted Data Input     |       |
| 41    | TX6p    | Transmitter Non-Inverted Data Input |       |
| 42    | GND     | Ground                              |       |
| 43    | TX8n    | Transmitter Inverted Data Input     |       |
| 44    | TX8p    | Transmitter Non-Inverted Data Input |       |
| 45    | GND     | Ground                              |       |
| 46    | TBD     | For future use                      |       |
| 47    | TBD     | For future use                      |       |
| 48    | VCC     | +3.3V Power supply                  |       |
| 49    | TBD     | For future use                      |       |
| 50    | TBD     | For future use                      |       |
| 51    | GND     | Ground                              |       |
| 52    | RX7p    | Receiver Non-Inverted Data Output   |       |
| 53    | RX7n    | Receiver Inverted Data Output       |       |
| 54    | GND     | Ground                              |       |
| 55    | RX5p    | Receiver Non-Inverted Data Output   |       |
| 56    | RX5n    | Receiver Inverted Data Output       |       |
| 57    | GND     | Ground                              |       |
| 58    | GND     | Ground                              |       |
| 59    | RX6n    | Receiver Inverted Data Output       |       |
| 60    | RX6p    | Receiver Non-Inverted Data Output   |       |
| 61    | GND     | Ground                              |       |
| 62    | RX8n    | Receiver Inverted Data Output       |       |
| 63    | RX8p    | Receiver Non-Inverted Data Output   |       |
| 64    | GND     | Ground                              |       |
| 65    | NC      | No Connect                          |       |
| 66    | TBD     | For future use                      |       |
| 67    | VCC     | +3.3V Power supply                  |       |
| 68    | VCC     | +3.3V Power supply                  |       |
| 69    | TBD     | For future use                      |       |
| 70    | GND     | Ground                              |       |
| 71    | TX7p    | Transmitter Non-Inverted Data Input |       |
| 72    | TX7n    | Transmitter Inverted Data Input     |       |
| 73    | GND     | Ground                              |       |
| 74    | TX5p    | Transmitter Non-Inverted Data Input |       |
| 75    | TX5n    | Transmitter Inverted Data Input     |       |
| 76    | GND     | Ground                              |       |



Notes:  
\* Reference only.  
\*\* Please align QSFP-DD MSA for pin mapping

| SYMBOLS   | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |        |  |   |  |  |  |                                  |                  |                 |                               |            |          |        |                        |  |
|---|---|--|--------|--|---|--|--|--|----------------------------------|------------------|-----------------|-------------------------------|------------|----------|--------|------------------------|--|
| <div><div><div><div></div></div></div><div><div><div></div></div></div><div><div><div></div></div></div><div><div><div></div></div></div><div><div><div></div></div></div><div><div><div></div></div></div><div><div><div></div></div></div><div><div><div></div></div></div><div><div><div></div></div></div><div><div><div></div></div></div></div> | DIMENSION UNITS   |  | SCALE  |  | CURRENT REV DESC: SEE REVISION TABLE  |  |  | <div><div>mo</div><div>lex</div></div> |                                  |                  |                 |                               |            |          |        |                        |  |
|   | mm  |  | 5:1    |  |   |  |  |  |                                  |                  |                 |                               |            |          |        |                        |  |
|   | GENERAL TOLERANCES (UNLESS SPECIFIED)   |  |        |  |   | EC NO: 606617<br>DRWN: MCAIN 2018/05/18<br>CHK'D: RNELSON 2018/10/29<br>APPR: RNELSON 2018/10/29 |  |  | ASSEMBLY DDQ SMT CONNECTOR 76CKT |                  |                 |                               |            |          |        |                        |  |
|   | ANGULAR TOL ± 1.0 °   |  |        |  |   |  |  |  |                                  |                  |                 |                               |            |          |        |                        |  |
|   | 4 PLACES  |  | ±      |  | INITIAL REVISION:<br>DRWN: LZHUANG06 2017/04/07<br>APPR: SMILLER 2017/12/18 |  |  | DOCUMENT NUMBER<br>2027180100          |                                  | DOC TYPE<br>PSD  | DOC PART<br>000 | REVISION<br>C1                |            |          |        |                        |  |
|   | 3 PLACES  |  | ±      |  |   |  |  |  |                                  |                  |                 |                               |            |          |        |                        |  |
|   | 2 PLACES  |  | ± 0.13 |  | THIRD ANGLE PROJECTION  |  |  | DRAWING<br>C-SIZE                      |                                  | SERIES<br>202718 |                 | MATERIAL NUMBER<br>2027180100 |            | CUSTOMER |        | SHEET NUMBER<br>3 OF 6 |  |
|   | 1 PLACE   |  | ± 0.25 |  |   |  |  |  |                                  |                  |                 |                               |            |          |        |                        |  |
|   | 0 PLACES  |  | ±      |  |   |  |  |  |                                  |                  |                 |                               |            |          |        |                        |  |
|   | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS  |  |        |  |   | THIRD ANGLE PROJECTION   |  | DRAWING                                |                                  | SERIES           |                 | MATERIAL NUMBER               |            | CUSTOMER |        | SHEET NUMBER           |  |
|   |   |  |        |  |   |  |  |  | C-SIZE                           |                  | 202718          |                               | 2027180100 |          | 3 OF 6 |                        |  |

molex

ASSEMBLY DDQ SMT CONNECTOR 76CKT

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|-----------------|----------|----------|----------|
| 2027180100      | PSD      | 000      | C1       |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|-----------------|----------|--------------|
| 2027180100      |          | 3 OF 6       |

**PCB LAYOUT FOR BELLY TO BELLY MOUNTING**

The diagram illustrates a PCB layout for belly-to-belly mounting. It features a central rectangular area with a hatched section on the left and a series of circular pads on the right. Dimensions are provided for various sections, including a total width of 19.00 and a height of 3.40 MIN. A large curved boundary encloses the main components. Various callouts provide specific details about the layout, such as hole diameters and material specifications.

**HATCHED AREA DENOTES COMPONENT AND TRACE KEEP-OUT (EXCEPT FOR CHASSIS GROUND)**

**AREA DENOTES COMPONENT KEEP-OUT (TRACES ALLOWED)**

**HATCHED AREA DENOTES WHERE SURFACE TRACES ARE PERMITTED**

**NOTES:**

- PADS AND VIAS GO TO CHASSIS GROUND. (RECOMMENDED PADS TO BE 2.00X4.00MM).
- RECOMMENDED THRU HOLE PLATING INCLUDES HASL, OSP, OR IMMERSION (GOLD, SILVER, OR TIN).
- CONNECTOR PAD LAYOUT PER DDQ-MSA WILL ACCOMODATE MOLEX CONNECTOR 2027180100.

**SYMBOLS**

| SYMBOLS      | DIMENSION UNITS                                      | SCALE | CURRENT REV DESC: SEE REVISION TABLE |
|--------------|--|-------|--------------------------------------|
| $\nabla = 0$ | mm   | 5:1   | EC NO: 606617                        |
| $\nabla = 0$ | GENERAL TOLERANCES (UNLESS SPECIFIED)                |       | DRWN: MCAIN 2018/05/18               |
| $\nabla = 0$ | ANGULAR TOL ± 1.0°                                   |       | CHK'D: RNELSON 2018/10/29            |
| $\nabla = 0$ | 4 PLACES ±   |       | APPR: RNELSON 2018/10/29             |
| $\nabla = 0$ | 3 PLACES ±   |       | INITIAL REVISION:                    |
| $\nabla = 0$ | 2 PLACES ± 0.13                                      |       | DRWN: LZHUANG06 2017/04/07           |
| $\nabla = 0$ | 1 PLACE ± 0.25                                       |       | APPR: SMILLER 2017/12/18             |
| $\nabla = 0$ | 0 PLACES ±   |       | THIRD ANGLE PROJECTION               |
| $\nabla = 0$ | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |       | DRAWING C-SIZE                       |
| $\nabla = 0$ |  |       | SERIES 202718                        |

**DOCUMENT STATUS** | P1 | RELEASE DATE | 2018/10/29 18:06:22

**molex**

ASSEMBLY DDQ SMT CONNECTOR 76CKT

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER | 2027180100 | DOC TYPE | PSD | DOC PART | 000 | REVISION | C1

MATERIAL NUMBER | 2027180100 | CUSTOMER | SHEET NUMBER | 4 OF 6

[illegible][illegible][illegible]

**PCB LAYOUT FOR BELLY TO BELLY MOUNTING**

The diagram illustrates a PCB layout for belly-to-belly mounting. It features a central rectangular area with a hatched pattern, indicating component and trace keep-out zones. A series of circular pads are arranged along the top and bottom edges. Dimensions are provided for various features, including pad diameters, hole positions, and overall board size. Callouts explain specific hatching patterns and their implications for manufacturing.

**HATCHED AREA DENOTES COMPONENT AND TRACE KEEP-OUT (EXCEPT FOR CHASSIS GROUND)**

**AREA DENOTES COMPONENT KEEP-OUT (TRACES ALLOWED)**

**HATCHED AREA DENOTES WHERE SURFACE TRACES ARE PERMITTED**

**NOTES:**

- PADS AND VIAS GO TO CHASSIS GROUND. (RECOMMENDED PADS TO BE 2.00X4.00MM).
- RECOMMENDED THRU HOLE PLATING INCLUDES HASL, OSP, OR IMMERSION (GOLD, SILVER, OR TIN).
- CONNECTOR PAD LAYOUT PER DDQ-MSA WILL ACCOMODATE MOLEX CONNECTOR 2027180100.

**Symbols Legend:**

- $\varnothing 1.05 \pm 0.05$  TYP
- $\varnothing 0.10$  (M) A K L
- DATUM -A- IS THE TOP SURFACE OF HOST BOARD

**Dimensions:**

- Top edge dimensions: 34.60, 30.10, 25.60, 21.10, 16.60, 12.10, 7.60, 3.10, 0.00, 3.10, 7.60, 23.10
- Left side dimension: 19.00
- Right side dimensions: 4.50 (HOLE OF ADJACENT CAGE), 0.00, 3.40, 6.20, 10.60, 13.40, 16.80, 17.90
- Bottom edge dimension: 7.60

**Document Information:**

| DOCUMENT STATUS   | P1 | RELEASE DATE | 2018/10/29 | 18:06:22 |
|---|----|--------------|------------|----------|
| FORMATS: master & prod C<br>REVISION: H<br>DATE: 2018/10/18 |    |              |            |          |

**THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION**

| SYMBOLS      | DIMENSION UNITS                                      | SCALE | CURRENT REV DESC: SEE REVISION TABLE                 |
|--------------|--|-------|--|
| $\nabla = 0$ | mm   | 5:1   | EC NO: 606617  |
| $\nabla = 0$ | GENERAL TOLERANCES (UNLESS SPECIFIED)                |       | DRWN: MCAIN 2018/05/18                               |
| $\nabla = 0$ | ANGULAR TOL $\pm 1.0^\circ$                          |       | CHK'D: RNELSON 2018/10/29                            |
| $\nabla = 0$ | 4 PLACES $\pm$                                       |       | APPR: RNELSON 2018/10/29                             |
| $\nabla = 0$ | 3 PLACES $\pm$                                       |       | INITIAL REVISION:                                    |
| $\nabla = 0$ | 2 PLACES $\pm 0.13$                                  |       | DRWN: LZHUANG06 2017/04/07                           |
| $\nabla = 0$ | 1 PLACE $\pm 0.25$                                   |       | APPR: SMILLER 2017/12/18                             |
| $\nabla = 0$ | 0 PLACES $\pm$                                       |       | THIRD ANGLE PROJECTION                               |
| $\nabla = 0$ | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |       | DRAWING SERIES MATERIAL NUMBER CUSTOMER SHEET NUMBER |

**molex**

ASSEMBLY DDQ SMT CONNECTOR 76CKT

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER: 2027180100

DOC TYPE: PSD

DOC PART: 000

REVISION: C1

MATERIAL NUMBER: 2027180100

CUSTOMER:

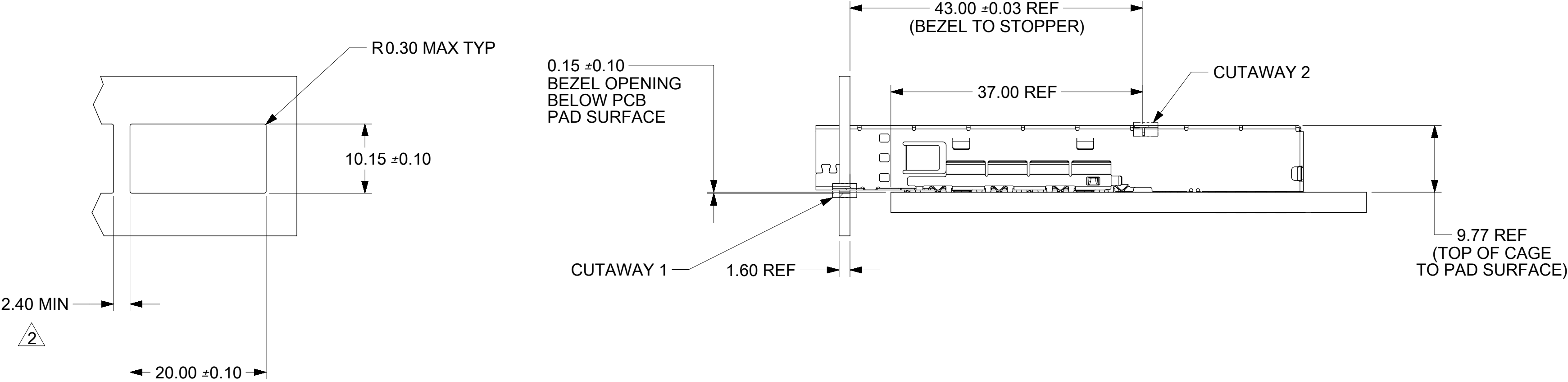
SHEET NUMBER: 4 OF 6

[illegible][illegible][illegible]

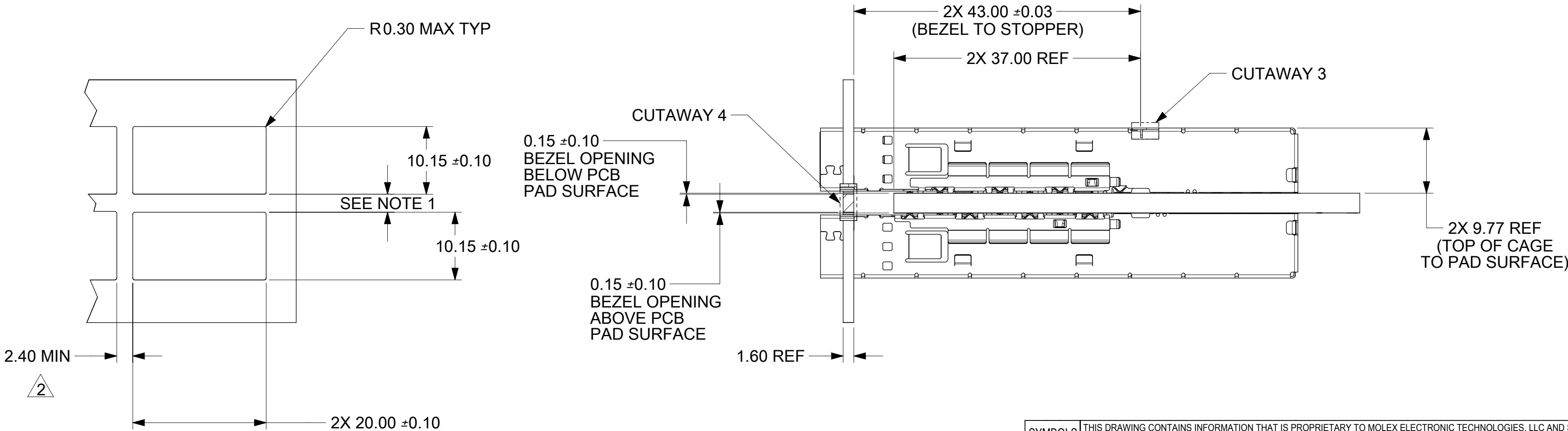
- [illegible]

[illegible]

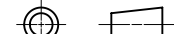
BEZEL AND BOARD POSITION DIMENSIONS  
FOR SINGLE SIDE MOUNTING




BEZEL AND BOARD POSITION DIMENSIONS  
FOR BELLY TO BELLY MOUNTING



- NOTES:
1. PCB THICKNESS VARIATION MUST BE CONSIDERED WHEN DETERMINING BEZEL OPENING, SIZE, AND LOCATION.
- 2 THIS DIMENSION IS FOR REFERENCE ONLY, USER CAN MODIFY DEPENDING ON APPLICATION, OPENING FOR ADJACENT CAGE ON PCB LAYOUT VARIES BASED ON MODIFICATION.

| SYMBOLS  |  | 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: SEE REVISION TABLE |        |                 |  |                          |     | <div>molex</div>                 |          |          |  |  |  |  |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                |  |   |  |                                      |        |                 |  |                          |     |                                  |          |          |  |  |  |  |  |
| ANGULAR TOL ± 1.0 °                                  |  | EC NO: 606617<br>DRWN: MCAIN 2018/05/18<br>CHK'D: RNELSON 2018/10/29<br>APPR: RNELSON 2018/10/29  |  |                                      |        |                 |  |                          |     | ASSEMBLY DDQ SMT CONNECTOR 76CKT |          |          |  |  |  |  |  |
| 4 PLACES ±   |  |   |  |                                      |        |                 |  |                          |     |                                  |          |          |  |  |  |  |  |
| 3 PLACES ±   |  |   |  |                                      |        |                 |  |                          |     |                                  |          |          |  |  |  |  |  |
| 2 PLACES ± 0.13                                      |  | INITIAL REVISION:   |  |                                      |        |                 |  | PRODUCT CUSTOMER DRAWING |     |                                  |          |          |  |  |  |  |  |
| 1 PLACE ± 0.25                                       |  |   |  |                                      |        |                 |  | DOCUMENT NUMBER          |     | DOC TYPE                         | DOC PART | REVISION |  |  |  |  |  |
| 0 PLACES ±   |  | DRWN: LZHUANG06 2017/04/07  |  | APPR: SMILLER 2017/12/18             |        | 2027180100      |  | PSD                      | 000 | C1                               |          |          |  |  |  |  |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |  | THIRD ANGLE PROJECTION  |  | DRAWING                              | SERIES | MATERIAL NUMBER |  | CUSTOMER                 |     | SHEET NUMBER                     |          |          |  |  |  |  |  |
|  |  |    |  | C-SIZE                               | 202718 | 2027180100      |  |                          |     | 5 OF 6                           |          |          |  |  |  |  |  |

|          |            |  |   |   |   |   |   |   |   |   |   |
|----------|------------|--|---|---|---|---|---|---|---|---|---|
| 12       | 11         | 10   | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| REVISION | DATE       | DISCRIPTION  |   |   |   |   |   |   |   |   |   |
| 1        | 04/07/2017 | INITIAL CONCEPT  |   |   |   |   |   |   |   |   |   |
| 2        | 09/27/2017 | ADDED SHEET SHOWING VIEWS OF BOTH SINGLE SIDE AND BELLY TO BELLY MOUNTING, ADDED SOLDER PAD FOR HOUSING RETENTION, AND ADHESIVE PADS |   |   |   |   |   |   |   |   |   |
|          |            | ADDED EXPLODED VIEWS   |   |   |   |   |   |   |   |   |   |
| A        | 12/06/2017 | INITIAL PROPOSAL - (ER)  |   |   |   |   |   |   |   |   |   |
| A1       | 12/18/2017 | INITIAL RELEASE (NEW PRODUCT)  |   |   |   |   |   |   |   |   |   |
| B        | 12/21/2017 | UPDATE VIEWS   |   |   |   |   |   |   |   |   |   |
| B1       | 02/02/2018 | UPDATE VIEWS, ADD PK AS PS SPEC, ADD ADHESIVE PADS NOTE, CORRECT BELLY TO BELLY PCB LAYOUT   |   |   |   |   |   |   |   |   |   |
| B2       | 4/11/2018  | ALIGN DIMENSIONAL CALLOUTS TO MATCH MSA  |   |   |   |   |   |   |   |   |   |
| C        | 4/25/2018  | ADD TWO PASS REFLOW PROCESS NOTE   |   |   |   |   |   |   |   |   |   |
| C1       | 10/23/2018 | DRAWING CLEANUP: SH04 SIZE C WAS D. SH05 SIZE C WAS D.   |   |   |   |   |   |   |   |   |   |

| SYMBOLS                               | 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: SEE REVISION TABLE |  |                                  |  | <div>molex</div> |                 |                        |  |  |
| mm                                    |   | 1:1  |  |                                      |  |                                  |  |                  |                 |                        |  |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED) |   | EC NO: 606617<br>DRWN: MCAIN 2018/05/18<br>CHK'D: RNELSON 2018/10/29<br>APPR: RNELSON 2018/10/29 |  |                                      |  | ASSEMBLY DDQ SMT CONNECTOR 76CKT |  |                  |                 |                        |  |  |
| ANGULAR TOL ± 1.0 °                   |   |  |  |                                      |  |                                  |  |                  |                 |                        |  |  |
| 4 PLACES ±                            |   | INITIAL REVISION:<br>DRWN: LZHUANG06 2017/04/07<br>APPR: SMILLER 2017/12/18                      |  |                                      |  | DOCUMENT NUMBER<br>2027180100    |  | DOC TYPE<br>PSD  | DOC PART<br>000 | REVISION<br>C1         |  |  |
| 3 PLACES ±                            |   |  |  |                                      |  |                                  |  |                  |                 |                        |  |  |
| 2 PLACES ± 0.13                       |   | DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS  |  |                                      |  | MATERIAL NUMBER<br>2027180100    |  | CUSTOMER         |                 | SHEET NUMBER<br>6 OF 6 |  |  |
| 1 PLACES ± 0.25                       |   |  |  |                                      |  |                                  |  |                  |                 |                        |  |  |
| 0 PLACES ±                            |   | THIRD ANGLE PROJECTION   |  | DRAWING                              |  | SERIES                           |  |                  |                 |                        |  |  |
|                                       |   |             |  | C-SIZE                               |  | 202718                           |  |                  |                 |                        |  |  |

|                 |    |              |            |          |
|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2018/10/29 | 18:06:22 |
|-----------------|----|--------------|------------|----------|