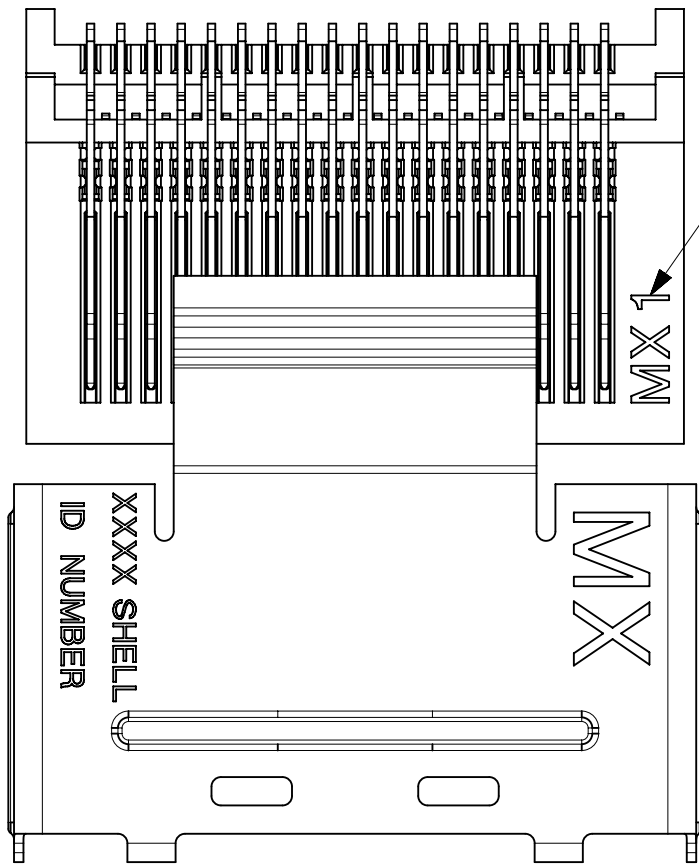
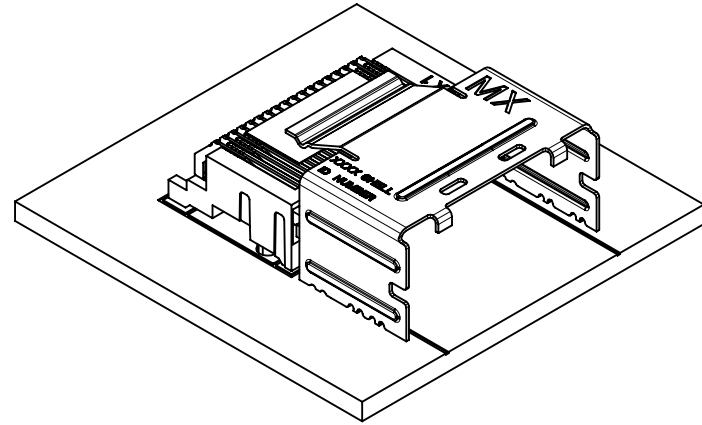
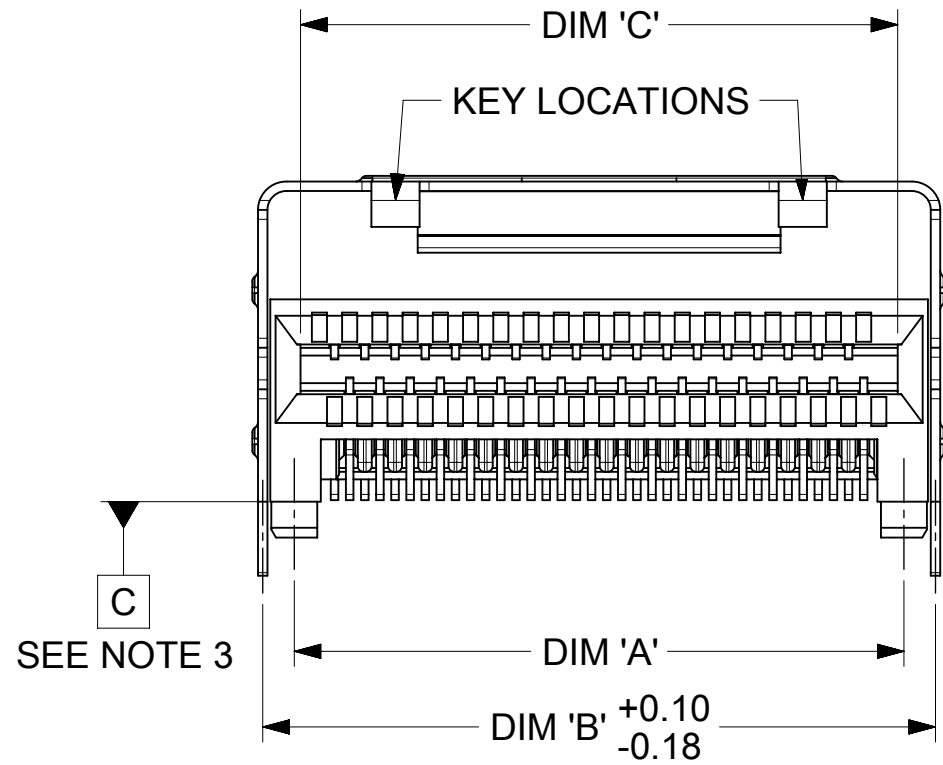




MOLD CAVITY ID  
FOR REFERENCE ONLY

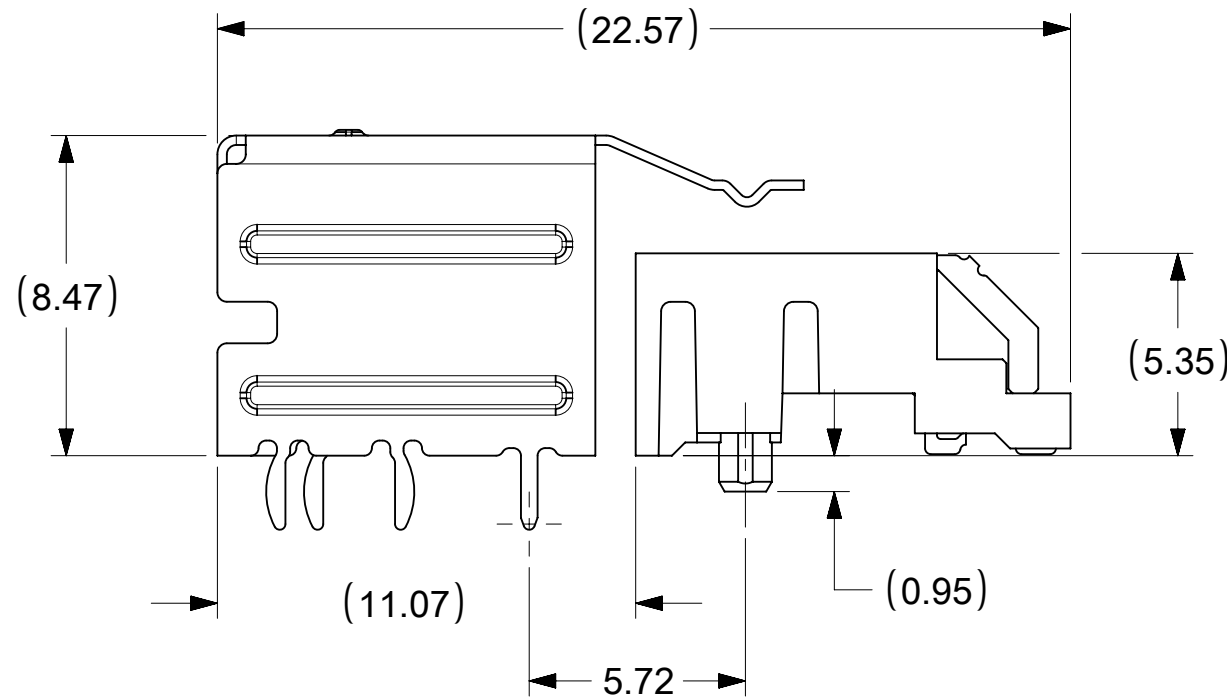


- NOTES:
- MATERIAL:  
CONNECTOR:  
HOUSING - HIGH TEMPERATURE THERMOPLASTIC GLASS FILLED, UL 94V-0, BLACK  
TERMINALS - COPPER ALLOY  
SHELL  
SILVER NICKEL, C770, THICKNESS: 0.250/0.254
  - FINISH:  
CONNECTOR  
OPTION 1  
CONTACT AREA - 0.38 $\mu$ m MIN GOLD OVER 2.54  $\mu$ m NICKEL  
SOLDER FOOT AREA - 2.54-5.09 $\mu$ m TIN OVER 1.27  $\mu$ m NICKEL  
OPTION 2  
CONTACT AREA - 0.76 $\mu$ m MIN GOLD OVER 2.54  $\mu$ m NICKEL  
SOLDER FOOT AREA - 2.54-5.09 $\mu$ m TIN OVER 1.27  $\mu$ m NICKEL
  - TERMINAL SOLDER FEET TO BE COPLANAR WITHIN 0.10 MEASURED FROM FRONT HOUSING STAND OFF (DATUM C)
  - DATE CODE: 4 DIGIT (3 DIGIT DAY, 1 DIGIT YEAR) CONNECTOR ONLY
  - CIRCUIT IDENTIFIER: SEE APPROPRIATE INDUSTRY SPECIFICATION FOR LOCATION OF PIN 1.
  - TO BE USED WITH THE FOLLOWING CABLE SERIES:  
79575/74563/79576/74573/79536/74562/74586
  - PACKAGED PER PACKAGING SPECIFICATION: PK-75783-001
  - CONFORMS TO PRODUCT SPECIFICATION: PS-75783-001
  - PROCESS PER APPLICATION SPECIFICATION: AS-75783-001
  - THIS PART CONFORMS TO CLASS C REQUIREMENTS OF COSMETIC SPEC PS-45499-002



SEE NOTE 3

36 CIRCUIT  
RETENTION FIT  
SHELL OPTION SHOWN



| CIRCUIT SIZE | DIM 'A' | DIM 'B' | DIM 'C' |
|--------------|---------|---------|---------|
| 26           | 12.00   | 13.80   | 11.80   |
| 36           | 16.00   | 17.80   | 15.80   |
| 50           | 21.60   | 23.40   | 21.40   |
| 68           | 28.80   | 30.60   | 28.60   |

| SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |       |                                                                                            |  |  |                                                               |  |                   |                 |                              |                            |  |                         |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------------------------------------------------------------|--|--|---------------------------------------------------------------|--|-------------------|-----------------|------------------------------|----------------------------|--|-------------------------|
| = 0     | DIMENSION UNITS                                                                                                                               | SCALE | CURRENT REV DESC: OBSOLETE PART NO                                                         |  |  | <div>molex</div>                                              |  |                   |                 |                              |                            |  |                         |
|         | mm                                                                                                                                            | 5:1   |                                                                                            |  |  |                                                               |  |                   |                 |                              |                            |  |                         |
| = 0     | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                                      |       | EC NO: 696749<br>DRWN: MUM 2019/03/27<br>CHK'D: GB 2019/11/06<br>APPR: JKACHLIC 2022/02/23 |  |  | I-PASS R/A CONNECTOR<br>INTERNAL ASSY W/SHELL 0.8MM PITCH I/O |  |                   |                 |                              |                            |  |                         |
| = 0     |                                                                                                                                               |       |                                                                                            |  |  |                                                               |  |                   |                 |                              |                            |  |                         |
| = 0     | ANGULAR TOL ± 0.5°                                                                                                                            |       | DRWN: MUM 2019/03/27<br>CHK'D: GB 2019/11/06<br>APPR: JKACHLIC 2022/02/23                  |  |  | PRODUCT CUSTOMER DRAWING                                      |  |                   |                 |                              |                            |  |                         |
| = 0     | 4 PLACES ±                                                                                                                                    |       |                                                                                            |  |  |                                                               |  |                   |                 |                              |                            |  |                         |
| = 0     | 3 PLACES ±                                                                                                                                    |       | INITIAL REVISION:<br>DRWN: KLANG 2005/04/15<br>APPR: RNELSON 2005/04/18                    |  |  | DOCUMENT NUMBER<br>SD-75783-001                               |  | DOC TYPE<br>PSD   | DOC PART<br>001 | REVISION<br>F1               |                            |  |                         |
| = 0     | 2 PLACES ± 0.13                                                                                                                               |       |                                                                                            |  |  |                                                               |  |                   |                 |                              |                            |  |                         |
| = 0     | 1 PLACE ± 0.25                                                                                                                                |       | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                 |  |  | THIRD ANGLE PROJECTION<br>                                    |  | DRAWING<br>C-SIZE | SERIES<br>75783 | MATERIAL NUMBER<br>SEE TABLE | CUSTOMER<br>GENERAL MARKET |  | SHEET NUMBER<br>1 OF 13 |
| = 0     | 0 PLACES ±                                                                                                                                    |       |                                                                                            |  |  |                                                               |  |                   |                 |                              |                            |  |                         |
| = 0     |                                                                                                                                               |       |                                                                                            |  |  |                                                               |  |                   |                 |                              |                            |  |                         |
| = 0     |                                                                                                                                               |       |                                                                                            |  |  |                                                               |  |                   |                 |                              |                            |  |                         |

**molex**

I-PASS R/A CONNECTOR  
INTERNAL ASSY W/SHELL 0.8MM PITCH I/O

PRODUCT CUSTOMER DRAWING

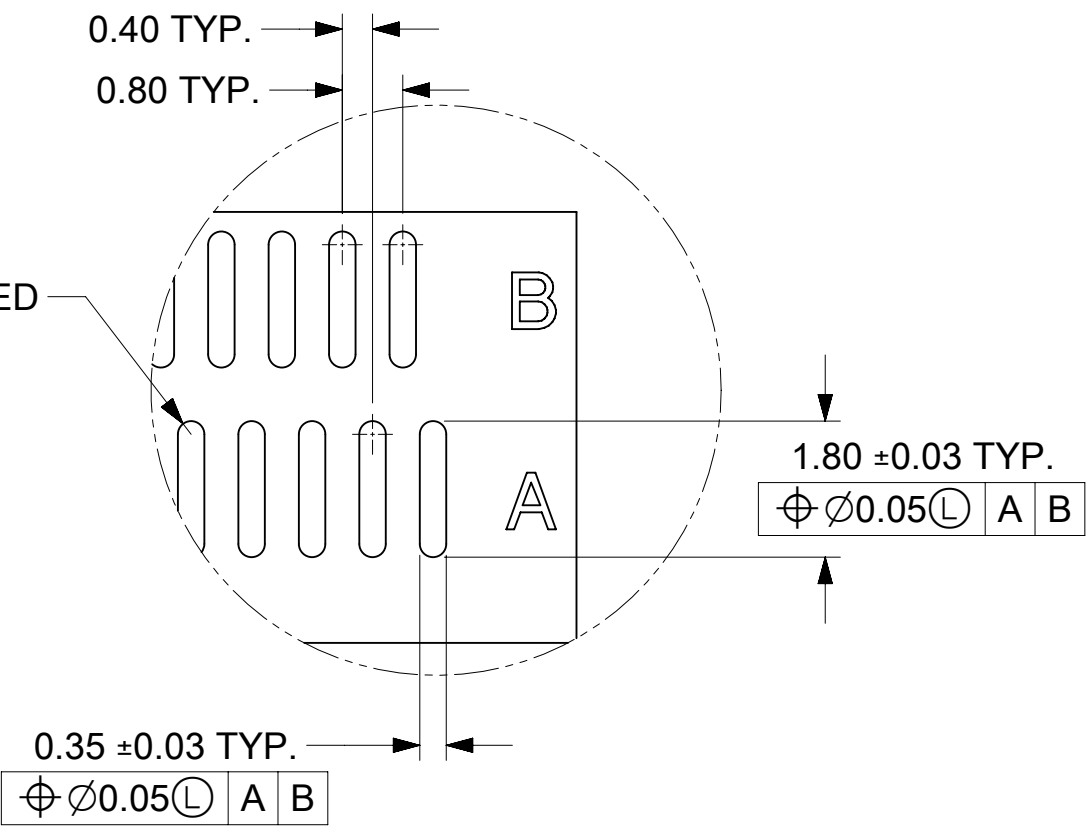
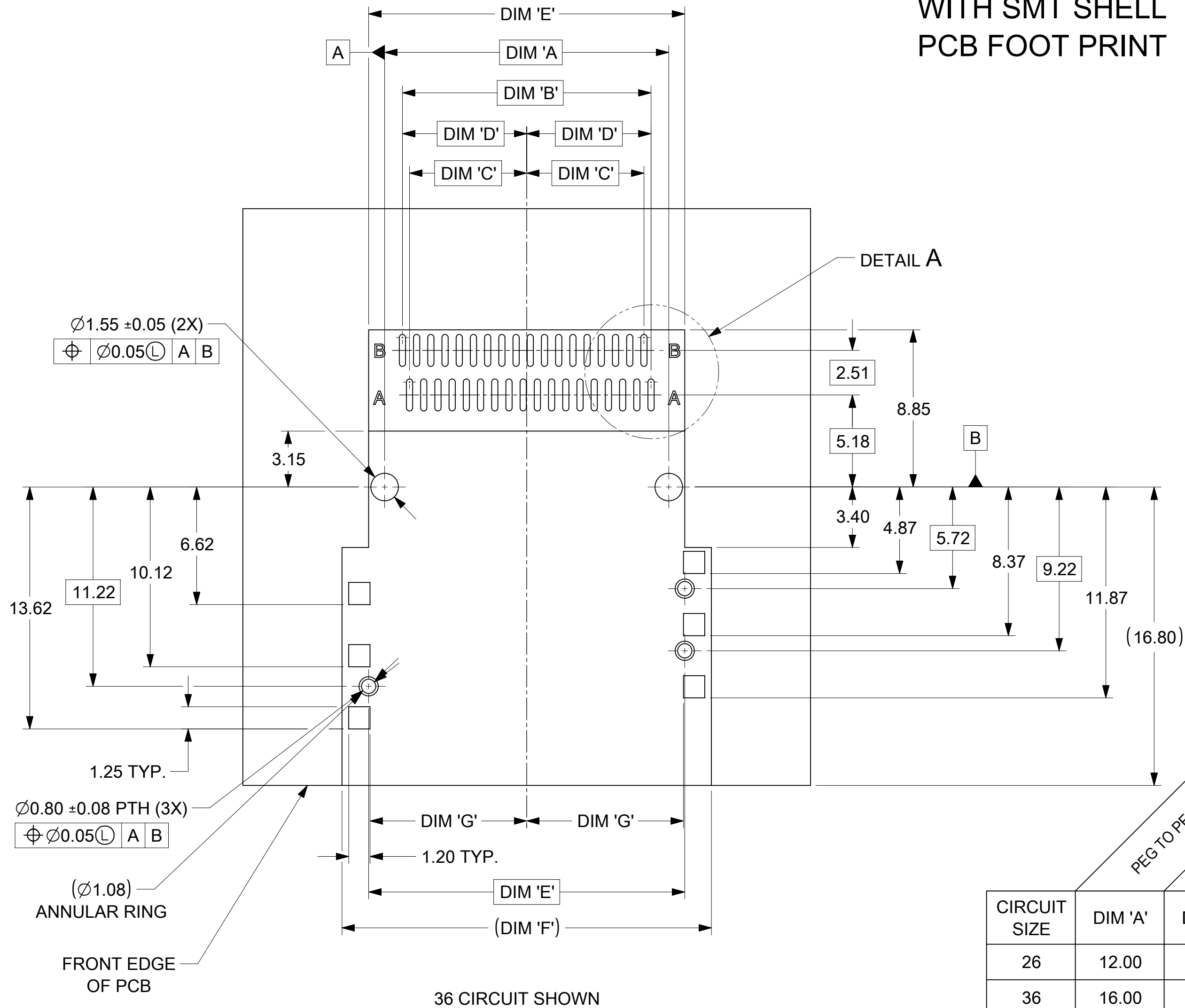
DOCUMENT NUMBER  
**SD-75783-001**

DOC TYPE  
**PSD**

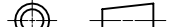
DOC PART  
**001**

REVISION  
**F1**

RIGHT ANGLE CONNECTOR  
WITH SMT SHELL  
PCB FOOT PRINT

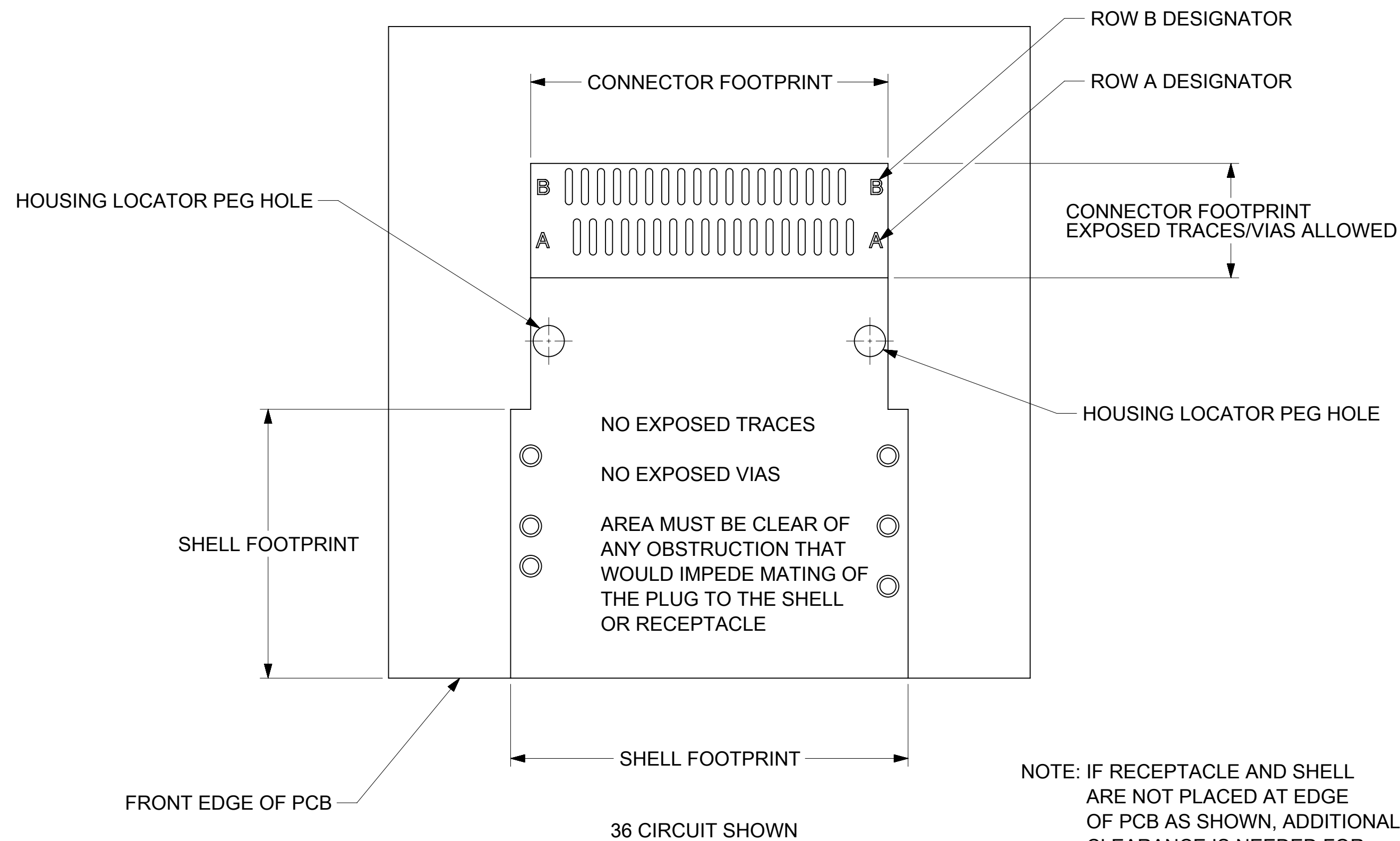


|              | PEG TO PEG | FIRST PAD TO LAST PAD | CENTERLINE TO PAD | CENTERLINE TO PAD | CONNECTOR WIDTH SHELL PEG TO PEG | SHELL FOOTPRINT WIDTH | CENTERLINE TO PAD EDGE |
|--------------|------------|-----------------------|-------------------|-------------------|----------------------------------|-----------------------|------------------------|
| CIRCUIT SIZE | DIM 'A'    | DIM 'B'               | DIM 'C'           | DIM 'D'           | DIM 'E'                          | DIM 'F'               | DIM 'G'                |
| 26           | 12.00      | 10.00                 | 4.60              | 5.00              | 13.80                            | 16.80                 | 6.825                  |
| 36           | 16.00      | 14.00                 | 6.60              | 7.00              | 17.80                            | 20.80                 | 8.825                  |
| 50           | 21.60      | 19.60                 | 9.40              | 9.80              | 23.40                            | 26.40                 | 11.625                 |
| 68           | 28.80      | 26.80                 | 13.00             | 13.40             | 30.60                            | 33.60                 | 15.225                 |

| SYMBOLS                                                                                   | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |        |  |                                    |  |       |  |                                                               |  |                |  |                 |  |          |  |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--|--------|--|------------------------------------|--|-------|--|---------------------------------------------------------------|--|----------------|--|-----------------|--|----------|--|
|  = 0 | DIMENSION UNITS                                                                                                                               |  | SCALE  |  | CURRENT REV DESC: OBSOLETE PART NO |  |       |  | <div>molex</div>                                              |  |                |  |                 |  |          |  |
|  = 0 | mm                                                                                                                                            |  | 5:1    |  |                                    |  |       |  |                                                               |  |                |  |                 |  |          |  |
|  = 0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |  |        |  |                                    |  |       |  |                                                               |  |                |  |                 |  |          |  |
|  = 0 | ANGULAR TOL ± 0.5°                                                                                                                            |  |        |  |                                    |  |       |  |                                                               |  |                |  |                 |  |          |  |
|  = 0 | 4 PLACES                                                                                                                                      |  | ±      |  | EC NO: 696749                      |  |       |  | I-PASS R/A CONNECTOR<br>INTERNAL ASSY W/SHELL 0.8MM PITCH I/O |  |                |  |                 |  |          |  |
|  = 0 | 3 PLACES                                                                                                                                      |  | ±      |  | DRWN: MUM 2019/03/27               |  |       |  |                                                               |  |                |  |                 |  |          |  |
|  = 0 | 2 PLACES                                                                                                                                      |  | ± 0.13 |  | CHK'D: GB 2019/11/06               |  |       |  |                                                               |  |                |  |                 |  |          |  |
|  = 0 | 1 PLACE                                                                                                                                       |  | ± 0.25 |  | APPR: JKACHLIC 2022/02/23          |  |       |  | PRODUCT CUSTOMER DRAWING                                      |  |                |  |                 |  |          |  |
|  = 0 | 0 PLACES                                                                                                                                      |  | ±      |  | INITIAL REVISION:                  |  |       |  |                                                               |  |                |  |                 |  |          |  |
|  = 0 | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |  |        |  | DRWN: KLANG 2005/04/15             |  |       |  | DOCUMENT NUMBER                                               |  | DOC TYPE       |  | DOC PART        |  | REVISION |  |
|  = 0 |                                                                                                                                               |  |        |  | APPR: RNELSON 2005/04/18           |  |       |  | SD-75783-001                                                  |  | PSD            |  | 001             |  | F1       |  |
|  = 0 |                                                                                                                                               |  |        |  | THIRD ANGLE PROJECTION             |  |       |  | DRAWING                                                       |  | SERIES         |  | MATERIAL NUMBER |  | CUSTOMER |  |
|                                                                                           |                                                          |  |        |  | C-SIZE                             |  | 75783 |  | SEE TABLE                                                     |  | GENERAL MARKET |  | 2 OF 13         |  |          |  |

# RIGHT ANGLE CONNECTOR WITH SHELL

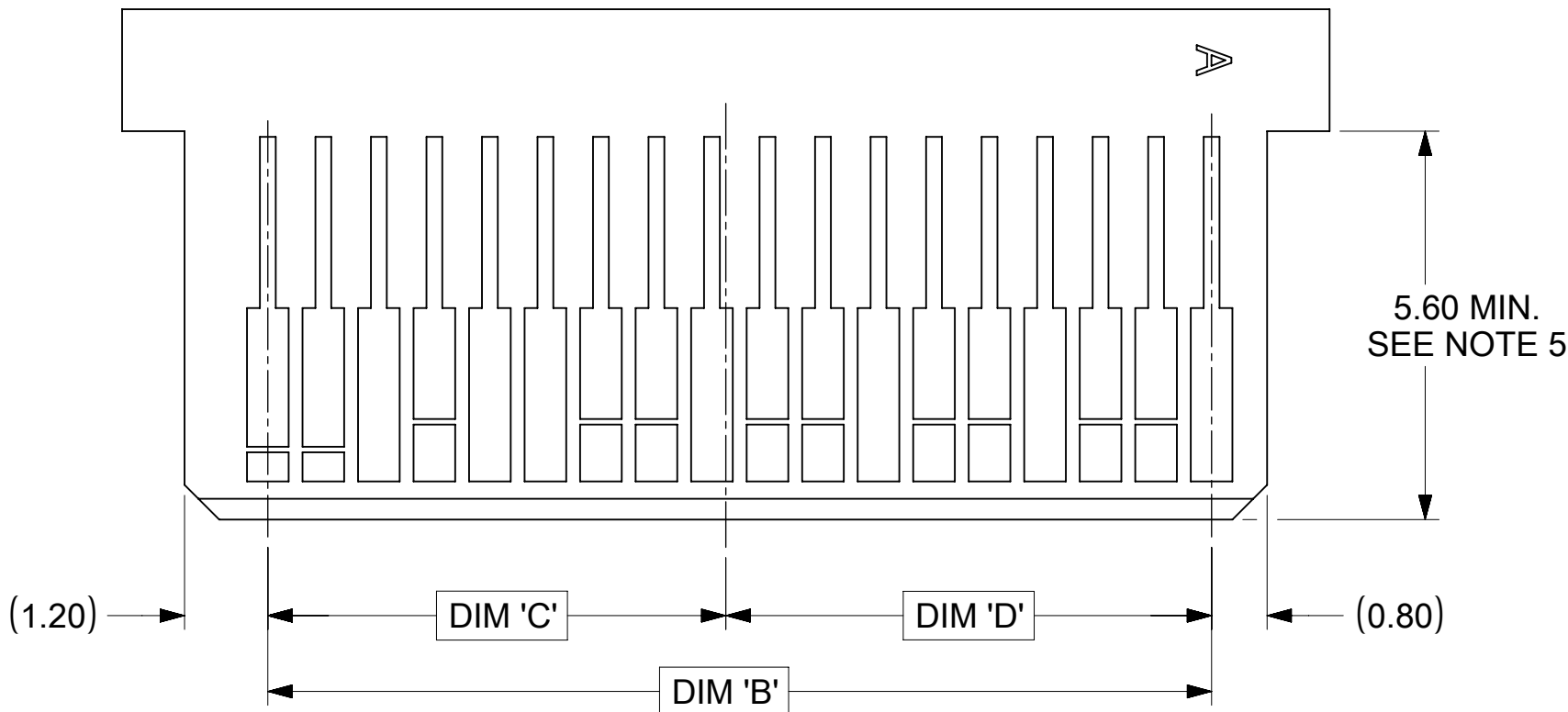
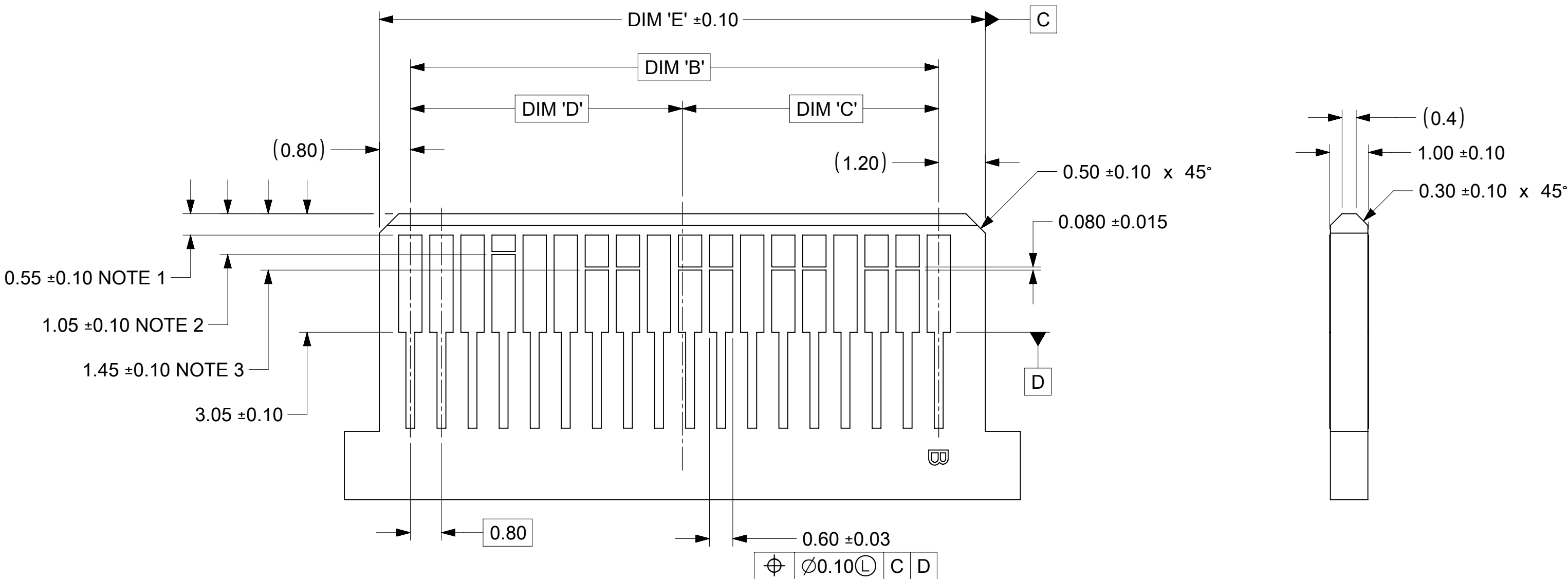
## PCB FOOT PRINT DESCRIPTIONS



| 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>= 0</div></div> <div><div></div><div>= 0</div></div> <div><div></div><div>= 0</div></div> <div><div></div><div>= 0</div></div> <div><div></div><div>= 0</div></div> <div><div></div><div>= 0</div></div> <div><div></div><div>= 0</div></div> <div><div></div><div>= 0</div></div> <div><div></div><div>= 0</div></div> <div><div></div><div>= 0</div></div> | DIMENSION UNITS                                                                                                                               |  | SCALE  |                                   | CURRENT REV DESC: OBSOLETE PART NO |         |  |        | <div>molex</div> <div>I-PASS R/A CONNECTOR</div> <div>INTERNAL ASSY W/SHELL 0.8MM PITCH I/O</div> |                 |          |                |          |              |          |  |
|                                                                                                                                                                                                                                                                                                                                                                                   | mm                                                                                                                                            |  | 5:1    |                                   |                                    |         |  |        |                                                                                                   |                 |          |                |          |              |          |  |
|                                                                                                                                                                                                                                                                                                                                                                                   | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |  |        |                                   |                                    |         |  |        |                                                                                                   |                 |          |                |          |              |          |  |
|                                                                                                                                                                                                                                                                                                                                                                                   | ANGULAR TOL                                                                                                                                   |  | ± 0.5° |                                   | EC NO: 696749                      |         |  |        | PRODUCT CUSTOMER DRAWING                                                                          |                 |          |                |          |              |          |  |
|                                                                                                                                                                                                                                                                                                                                                                                   | 4 PLACES                                                                                                                                      |  | ±      |                                   | DRWN: MUM 2019/03/27               |         |  |        |                                                                                                   |                 |          |                |          |              |          |  |
|                                                                                                                                                                                                                                                                                                                                                                                   | 3 PLACES                                                                                                                                      |  | ±      |                                   | CHK'D: GB 2019/11/06               |         |  |        |                                                                                                   |                 |          |                |          |              |          |  |
|                                                                                                                                                                                                                                                                                                                                                                                   | 2 PLACES                                                                                                                                      |  | ± 0.13 |                                   | APPR: JKACHLIC 2022/02/23          |         |  |        |                                                                                                   |                 |          |                |          |              |          |  |
|                                                                                                                                                                                                                                                                                                                                                                                   | 1 PLACE                                                                                                                                       |  | ± 0.25 |                                   | INITIAL REVISION:                  |         |  |        | DOCUMENT NUMBER                                                                                   |                 | DOC TYPE |                | DOC PART |              | REVISION |  |
|                                                                                                                                                                                                                                                                                                                                                                                   | 0 PLACES                                                                                                                                      |  | ±      |                                   | DRWN: KLANG 2005/04/15             |         |  |        | SD-75783-001                                                                                      |                 | PSD      |                | 001      |              | F1       |  |
|                                                                                                                                                                                                                                                                                                                                                                                   | 0 PLACES                                                                                                                                      |  | ±      |                                   | APPR: RNELSON 2005/04/18           |         |  |        |                                                                                                   |                 |          |                |          |              |          |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                                                                                                                                                                                                                                                              |                                                                                                                                               |  |        | THIRD ANGLE PROJECTION            |                                    | DRAWING |  | SERIES |                                                                                                   | MATERIAL NUMBER |          | CUSTOMER       |          | SHEET NUMBER |          |  |
|                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                               |  |        | <div><div></div><div></div></div> |                                    | C-SIZE  |  | 75783  |                                                                                                   | SEE TABLE       |          | GENERAL MARKET |          | 3 OF 13      |          |  |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2022/02/23 | 04:11:32 |
|-----------------|----|--------------|------------|----------|
|-----------------|----|--------------|------------|----------|

MATING INTERFACE (FOR REFERENCE ONLY)



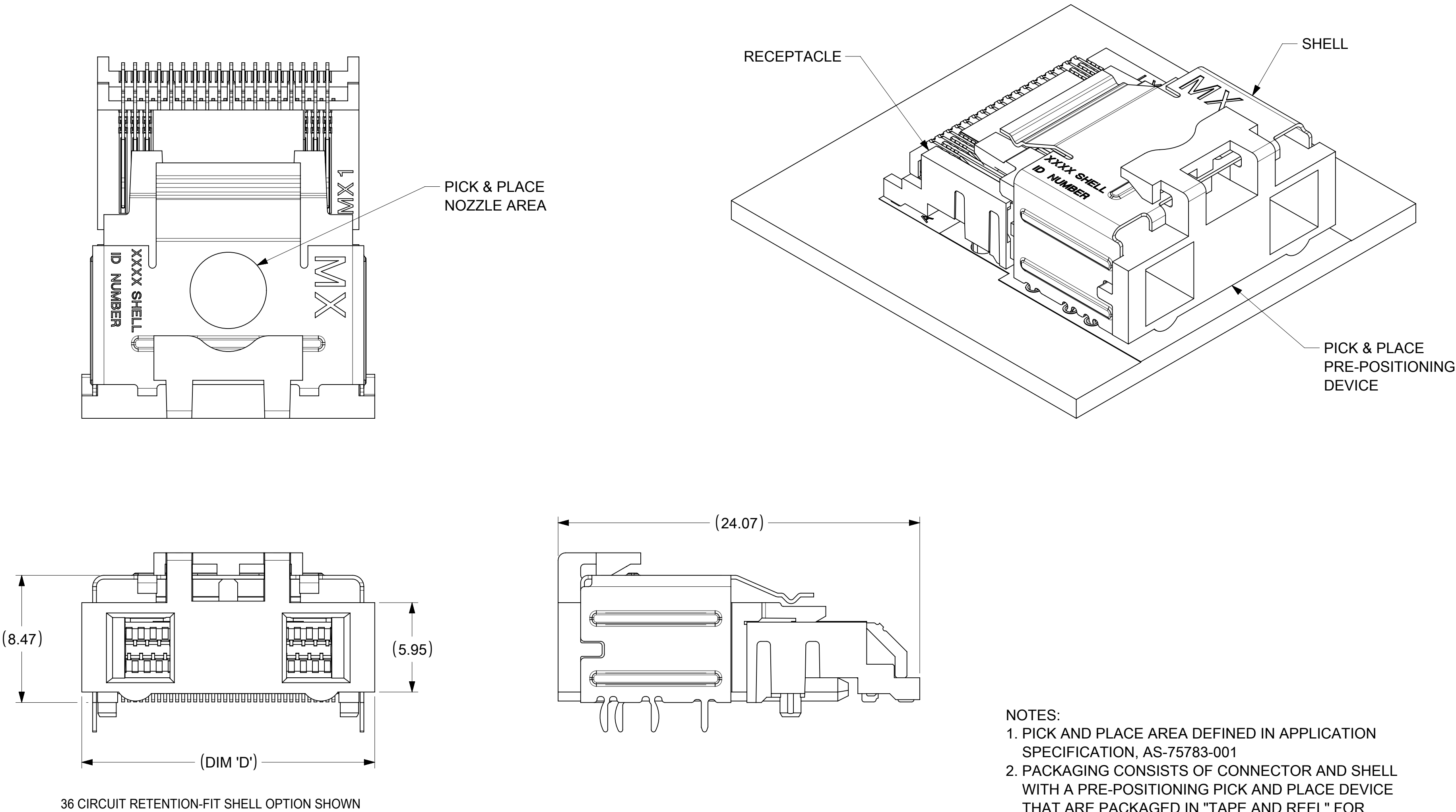
36 CIRCUIT SHOWN

- NOTES:
- PAD CONFIGURATION FOR FIRST MATE.
  - PAD CONFIGURATION FOR SECOND MATE.
  - PAD CONFIGURATION FOR THIRD MATE.  
(HIGH SPEED SIGNALS)
  - FOR PIN ASSIGNMENTS AND MATING SEQUENCE  
(1ST, 2ND, 3RD), SEE APPLICABLE  
SPECIFICATION.
  - MINIMUM STEP REQUIRED IF PCB MADE  
WIDER THAN TONGUE.

| CIRCUIT<br>SIZE | DIM 'A' | DIM 'B' | DIM 'C' | DIM 'D' | DIM 'E' |
|-----------------|---------|---------|---------|---------|---------|
| 26              | 13      | 9.60    | 4.60    | 5.00    | 11.60   |
| 36              | 18      | 13.60   | 6.60    | 7.00    | 15.60   |
| 50              | 25      | 19.20   | 9.40    | 9.80    | 21.20   |
| 68              | 34      | 26.40   | 13.00   | 13.40   | 28.40   |

| 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: OBSOLETE PART NO |  |  |  |  | <div>molex</div> <div>I-PASS R/A CONNECTOR<br/>INTERNAL ASSY W/SHELL 0.8MM PITCH I/O</div> |  |  |  |  |                 |  |  |  |  |                |  |  |  |  |              |  |  |  |  |
| mm                                                         |                                                                                                                                               |  |  |  | 10:1                   |  |  |  |  |                                    |  |  |  |  |                                                                                            |  |  |  |  |                 |  |  |  |  |                |  |  |  |  |              |  |  |  |  |
| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |                                                                                                                                               |  |  |  |                        |  |  |  |  |                                    |  |  |  |  |                                                                                            |  |  |  |  |                 |  |  |  |  |                |  |  |  |  |              |  |  |  |  |
| ANGULAR TOL ± 0.5°                                         |                                                                                                                                               |  |  |  | EC NO: 696749          |  |  |  |  | 2019/03/27                         |  |  |  |  | 2019/11/06                                                                                 |  |  |  |  | 2022/02/23      |  |  |  |  |                |  |  |  |  |              |  |  |  |  |
| 4 PLACES ±                                                 |                                                                                                                                               |  |  |  | DRWN: MUM              |  |  |  |  |                                    |  |  |  |  |                                                                                            |  |  |  |  |                 |  |  |  |  |                |  |  |  |  |              |  |  |  |  |
| 3 PLACES ±                                                 |                                                                                                                                               |  |  |  | CHK'D: GB              |  |  |  |  |                                    |  |  |  |  |                                                                                            |  |  |  |  |                 |  |  |  |  |                |  |  |  |  |              |  |  |  |  |
| 2 PLACES ± 0.13                                            |                                                                                                                                               |  |  |  | APPR: JKACHLIC         |  |  |  |  | 2005/04/15                         |  |  |  |  | 2005/04/18                                                                                 |  |  |  |  |                 |  |  |  |  |                |  |  |  |  |              |  |  |  |  |
| 1 PLACE ± 0.25                                             |                                                                                                                                               |  |  |  | INITIAL REVISION:      |  |  |  |  |                                    |  |  |  |  |                                                                                            |  |  |  |  |                 |  |  |  |  |                |  |  |  |  |              |  |  |  |  |
| 0 PLACES ±                                                 |                                                                                                                                               |  |  |  | DRWN: KLANG            |  |  |  |  |                                    |  |  |  |  |                                                                                            |  |  |  |  |                 |  |  |  |  |                |  |  |  |  |              |  |  |  |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                                                                                                                               |  |  |  | THIRD ANGLE PROJECTION |  |  |  |  | DRAWING                            |  |  |  |  | SERIES                                                                                     |  |  |  |  | MATERIAL NUMBER |  |  |  |  | CUSTOMER       |  |  |  |  | SHEET NUMBER |  |  |  |  |
|                                                            |                                                                                                                                               |  |  |  |                        |  |  |  |  | C-SIZE                             |  |  |  |  | 75783                                                                                      |  |  |  |  | SEE TABLE       |  |  |  |  | GENERAL MARKET |  |  |  |  | 4 OF 13      |  |  |  |  |

ASSEMBLY WITH PRE-POSITION DEVICE

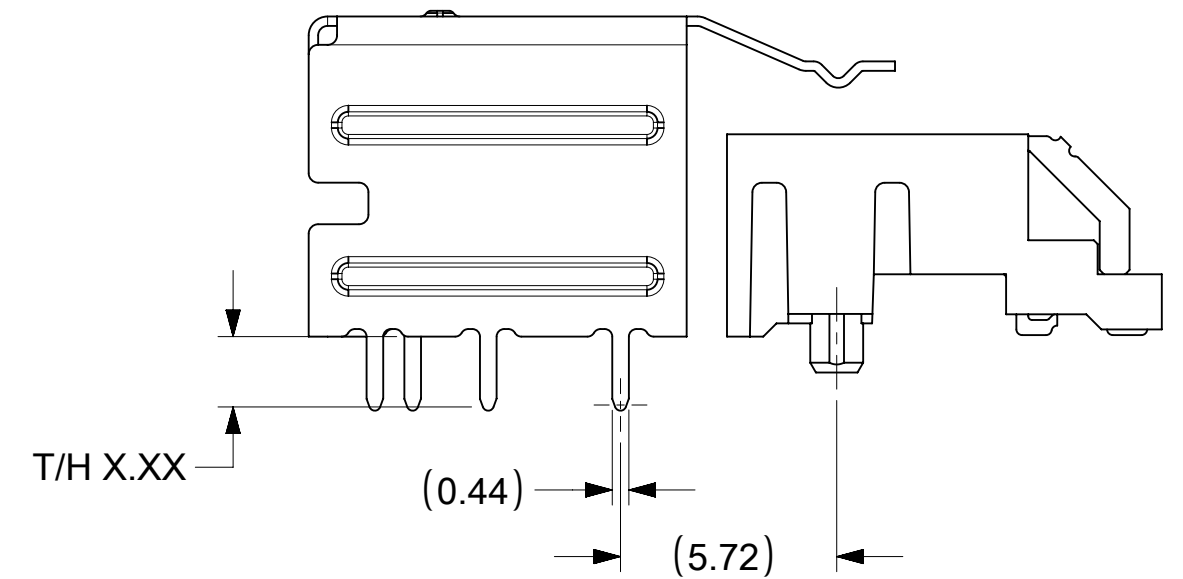
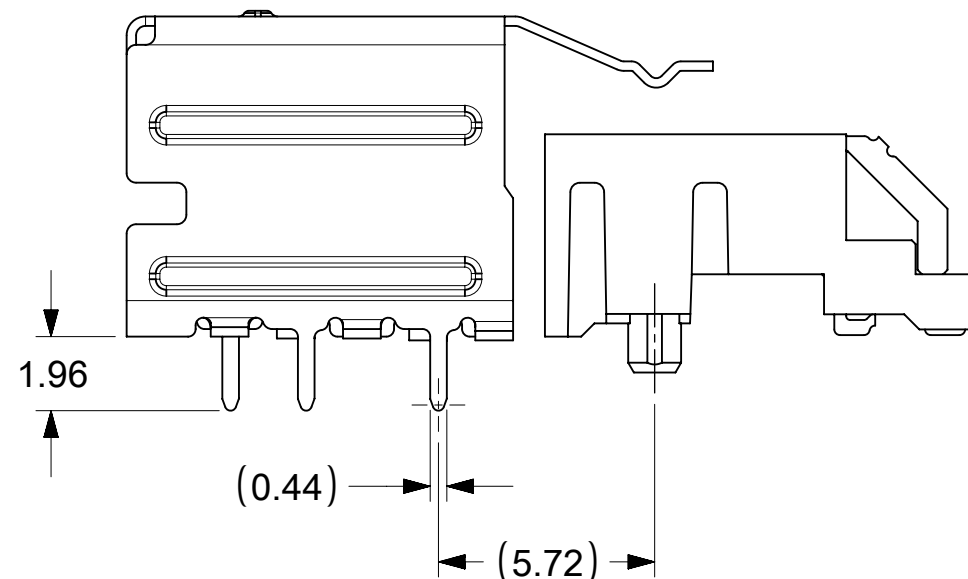
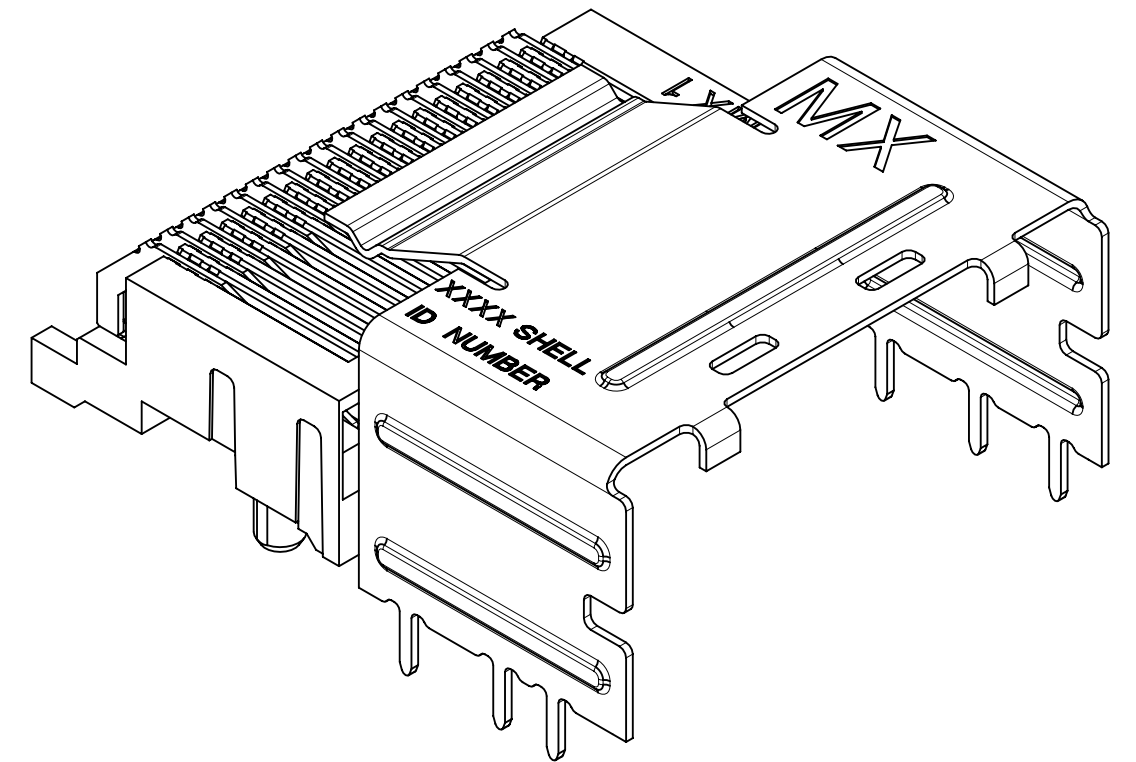
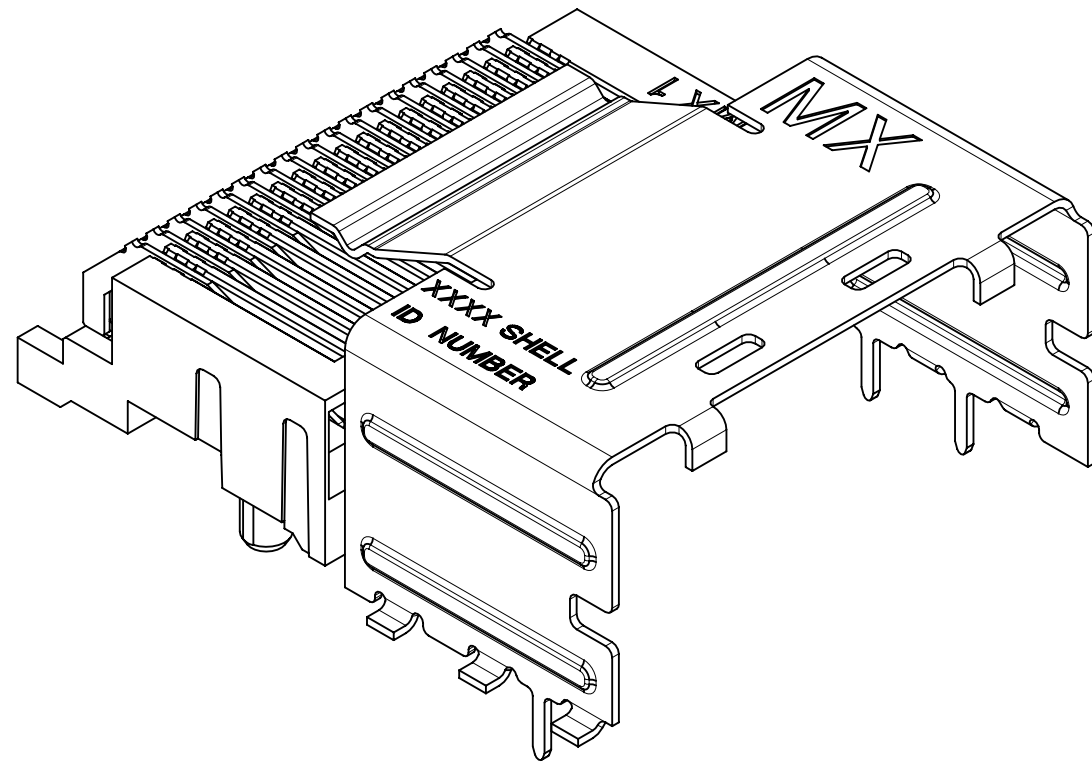


- NOTES:
1. PICK AND PLACE AREA DEFINED IN APPLICATION SPECIFICATION, AS-75783-001
  2. PACKAGING CONSISTS OF CONNECTOR AND SHELL WITH A PRE-POSITIONING PICK AND PLACE DEVICE THAT ARE PACKAGED IN "TAPE AND REEL" FOR ROBOTIC PICK AND PLACE.

| CIRCUIT SIZE | DIM 'D' |
|--------------|---------|
| 26           | 15.50   |
| 36           | 19.50   |
| 50           | 25.10   |
| 68           | 32.30   |

| 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: OBSOLETE PART NO                   |  |         |  | <div>molex</div>                                              |  |                |  |  |  |
| mm                                    |                                                                                                                                               | 5:1   |  |                                                      |  |         |  |                                                               |  |                |  |  |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED) |                                                                                                                                               |       |  |                                                      |  |         |  | I-PASS R/A CONNECTOR<br>INTERNAL ASSY W/SHELL 0.8MM PITCH I/O |  |                |  |  |  |
| ANGULAR TOL ± 0.5°                    |                                                                                                                                               |       |  |                                                      |  |         |  |                                                               |  |                |  |  |  |
|                                       | = 0                                                                                                                                           |       |  | EC NO: 696749                                        |  |         |  | PRODUCT CUSTOMER DRAWING                                      |  |                |  |  |  |
|                                       | = 0                                                                                                                                           |       |  | DRWN: MUM 2019/03/27                                 |  |         |  |                                                               |  |                |  |  |  |
|                                       | = 0                                                                                                                                           |       |  | CHK'D: GB 2019/11/06                                 |  |         |  | DOCUMENT NUMBER<br>SD-75783-001                               |  |                |  |  |  |
|                                       | = 0                                                                                                                                           |       |  | APPR: JKACHLIC 2022/02/23                            |  |         |  |                                                               |  |                |  |  |  |
|                                       | = 0                                                                                                                                           |       |  | INITIAL REVISION:                                    |  |         |  | DOC PART<br>001                                               |  | REVISION<br>F1 |  |  |  |
|                                       | = 0                                                                                                                                           |       |  | DRWN: KLANG 2005/04/15                               |  |         |  | SHEET NUMBER                                                  |  |                |  |  |  |
|                                       | = 0                                                                                                                                           |       |  | APPR: RNELSON 2005/04/18                             |  |         |  | SEE TABLE                                                     |  | GENERAL MARKET |  |  |  |
|                                       | = 0                                                                                                                                           |       |  | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |  |         |  | C-SIZE<br>75783                                               |  |                |  |  |  |
|                                       | = 0                                                                                                                                           |       |  | THIRD ANGLE PROJECTION                               |  | DRAWING |  | SERIES                                                        |  |                |  |  |  |
|                                       | = 0                                                                                                                                           |       |  |                                                      |  |         |  |                                                               |  |                |  |  |  |

|    |    |    |   |   |   |   |   |   |   |   |   |
|----|----|----|---|---|---|---|---|---|---|---|---|
| 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
|----|----|----|---|---|---|---|---|---|---|---|---|



## SMT SHELL OPTION

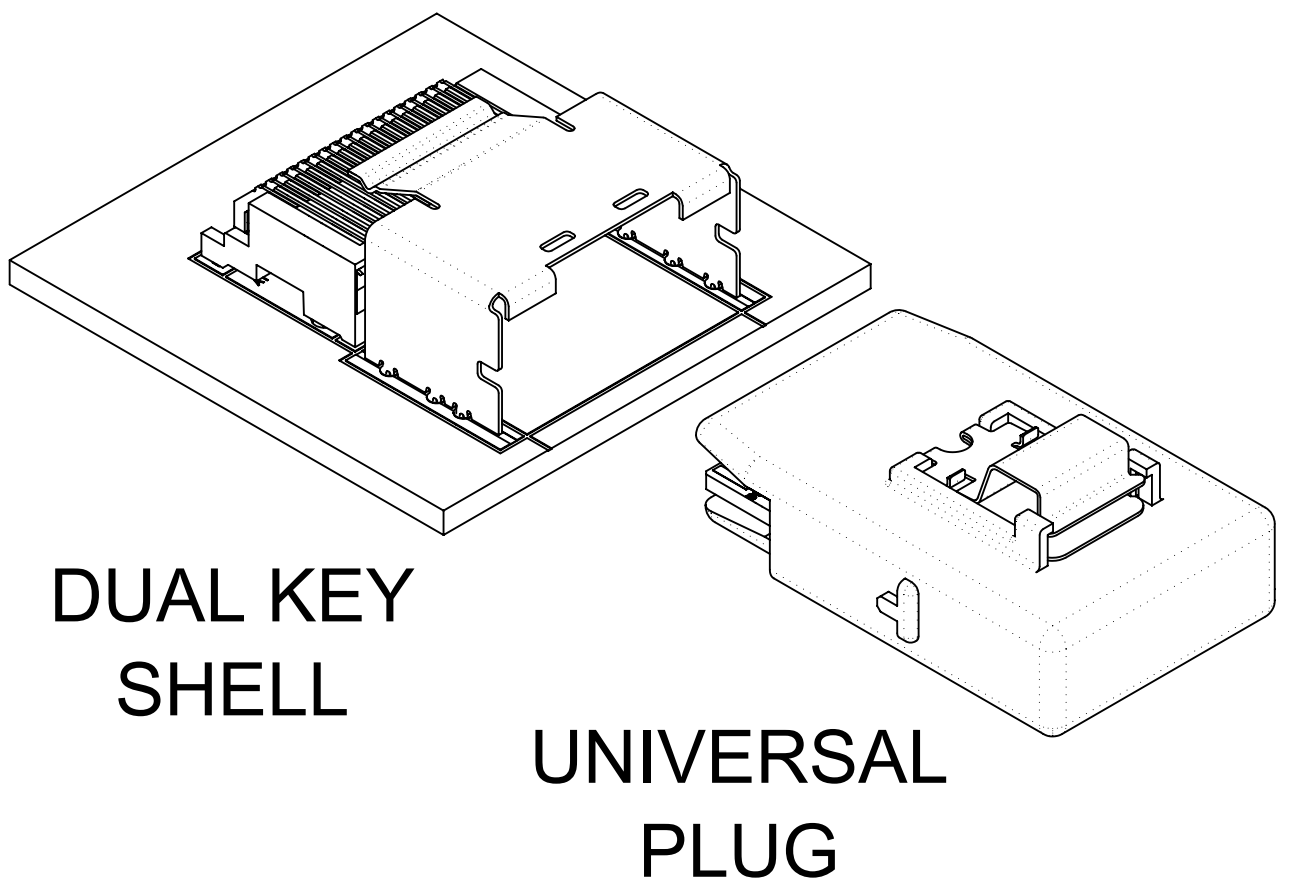
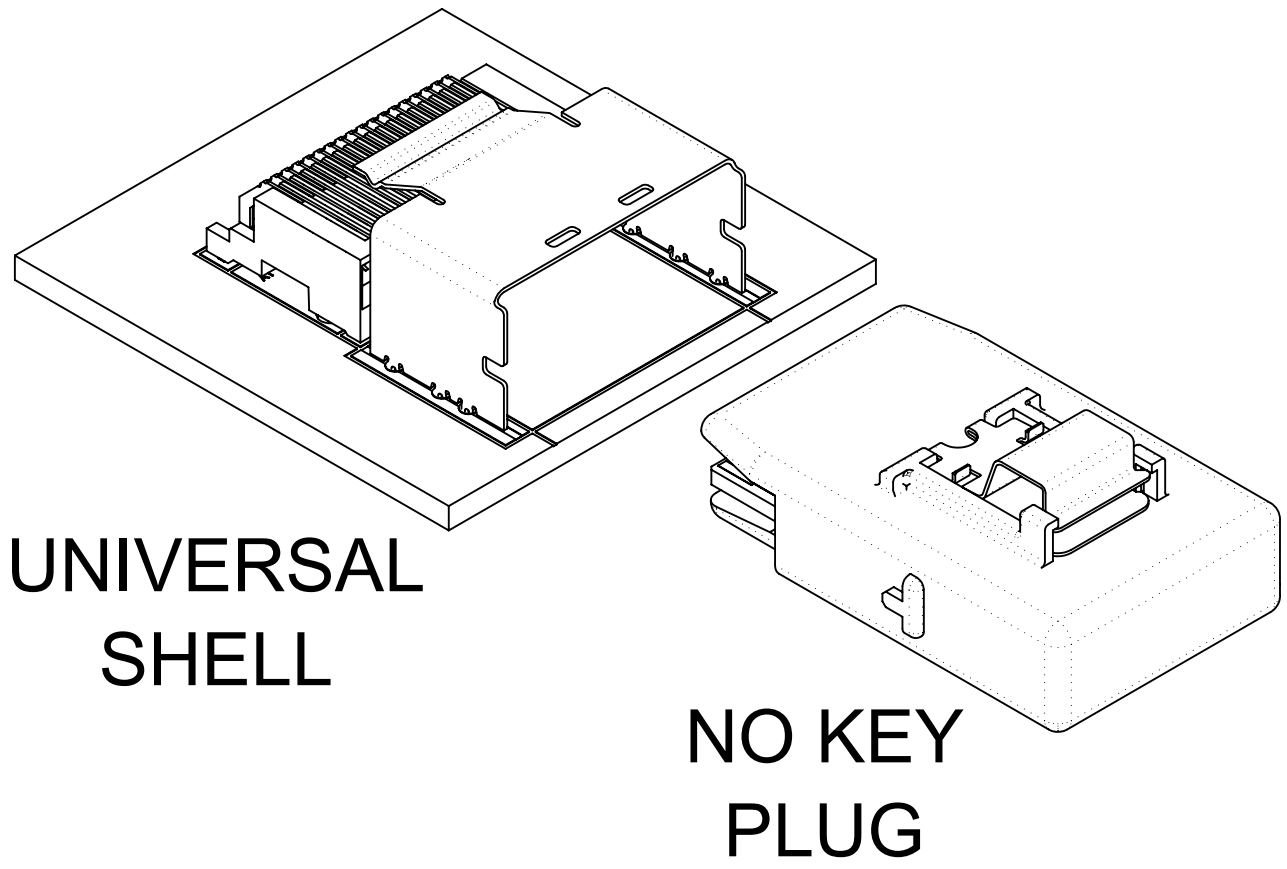
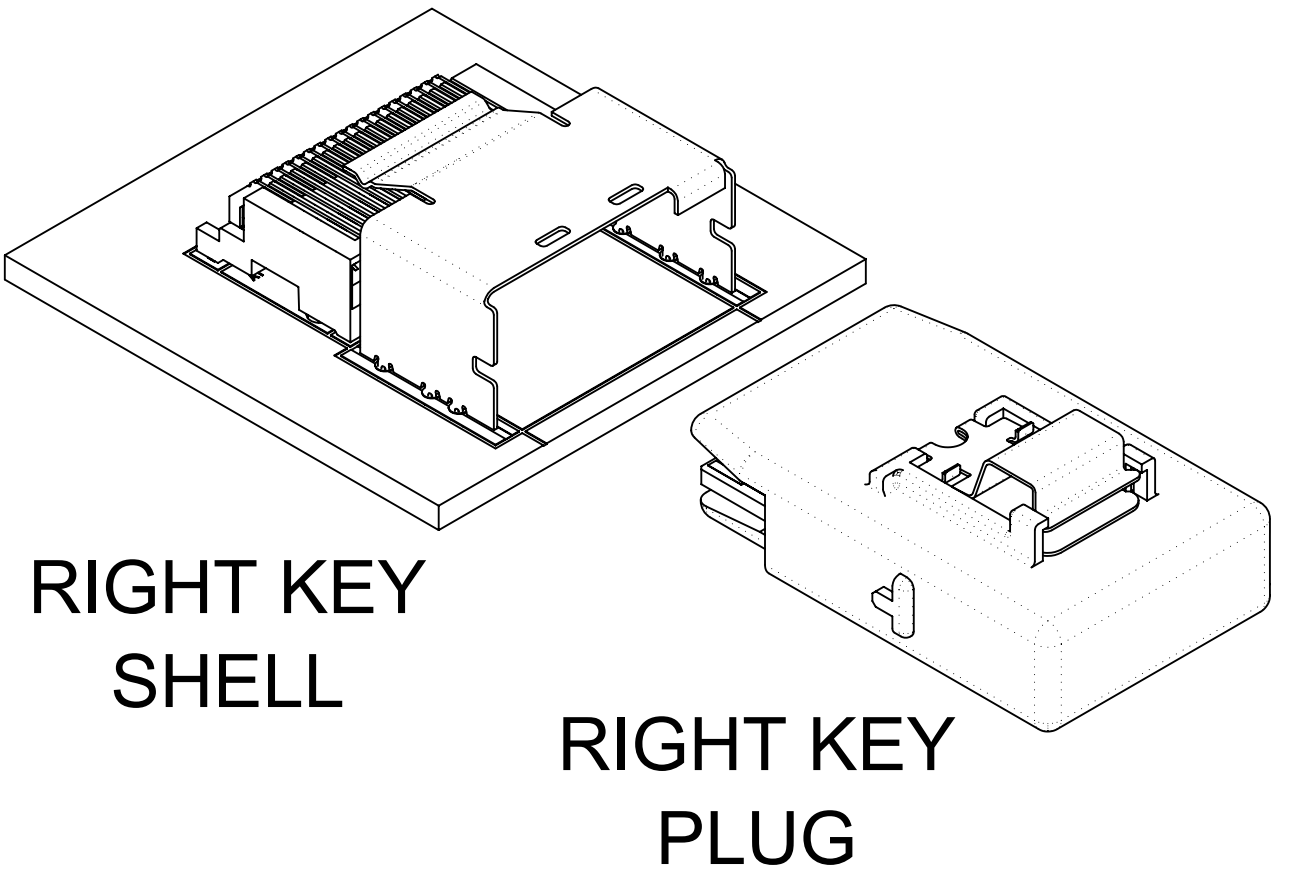
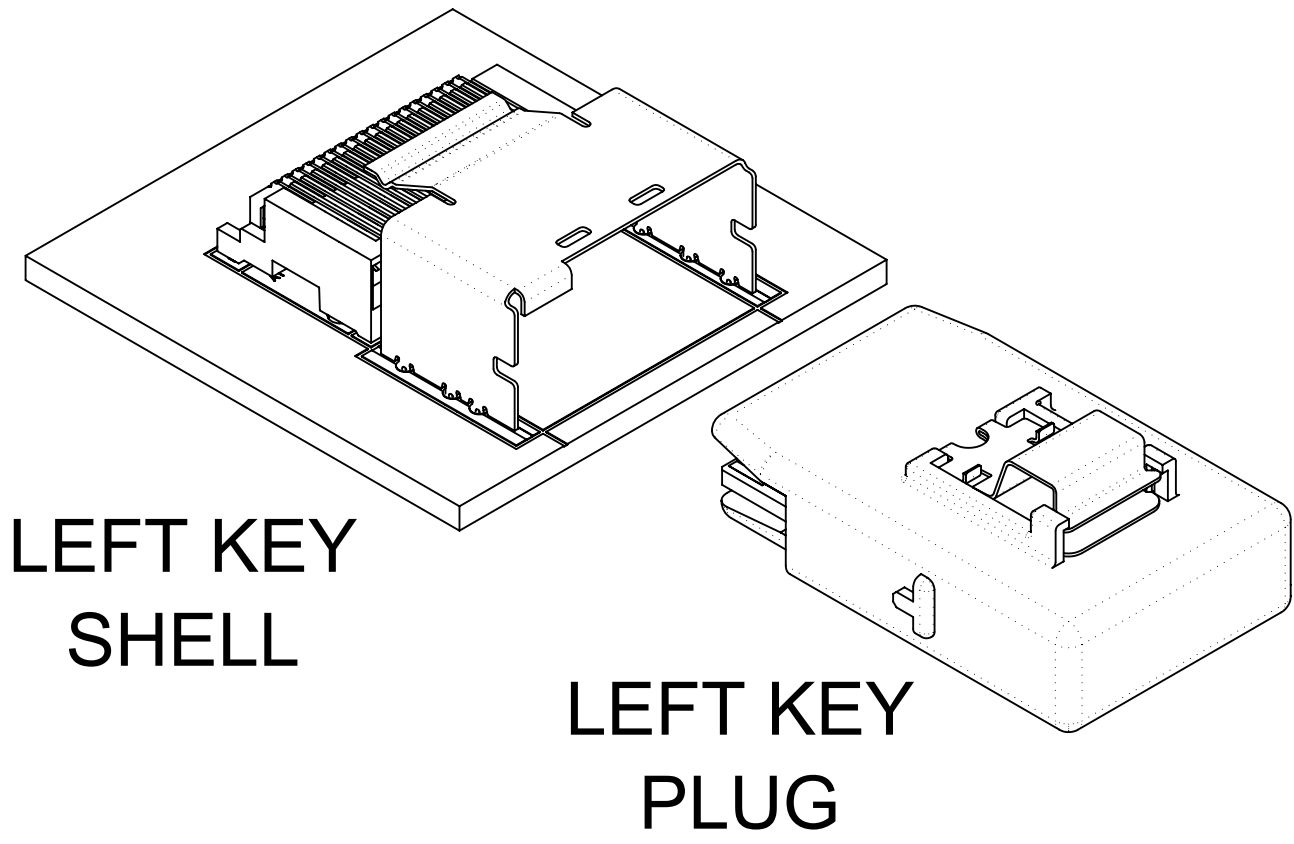
### RECOMMENDED PCB THICKNESS FOR SPECIFIED TAIL LENGTH

| TAIL LENGTH | PCB THICKNESS |
|-------------|---------------|
| 1.96        | 1.57(.062)    |
| 2.79        | 2.36(.093)    |
| 3.18        | 2.79(.110)    |
| 3.56        | 3.18(.125)    |

NOTE:  
RETENTION FIT DENOTES TAILS THAT OFFER RETENTION  
TO PCB DURING REFLOW PROCESS  
SMT DENOTES SURFACE MOUNT TERMINATION  
T/H X.XX DENOTES THRU-HOLE TAIL OF LENGTH X.XX

| 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>F</div><div>= 0</div></div><div><div>F</div><div>= 0</div></div><div><div>F</div><div>= 0</div></div><div><div>S</div><div>= 0</div></div><div><div>▽</div><div>= 0</div></div><div><div>C</div><div>= 0</div></div><div><div>⊠</div><div>= 0</div></div><div><div>■</div><div>= 0</div></div><div><div>≡</div><div>= 0</div></div></div></div> |  | DIMENSION UNITS                                                                                                                               | SCALE | CURRENT REV DESC: OBSOLETED PART NO |        | molex                                                         |     |                |  |                 |  |
|                                                                                                                                                                                                                                                                                                                                                                     |  | mm                                                                                                                                            | 5:1   |                                     |        |                                                               |     |                |  |                 |  |
| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                               |       |                                     |        |                                                               |     |                |  |                 |  |
| ANGULAR TOL ± 0.5°                                                                                                                                                                                                                                                                                                                                                  |  | EC NO: 696749                                                                                                                                 |       |                                     |        | I-PASS R/A CONNECTOR<br>INTERNAL ASSY W/SHELL 0.8MM PITCH I/O |     |                |  |                 |  |
| 4 PLACES ±                                                                                                                                                                                                                                                                                                                                                          |  | DRWN: MUM 2019/03/27                                                                                                                          |       |                                     |        |                                                               |     |                |  |                 |  |
| 3 PLACES ±                                                                                                                                                                                                                                                                                                                                                          |  | CHK'D: GB 2019/11/06                                                                                                                          |       |                                     |        |                                                               |     |                |  |                 |  |
| 2 PLACES ± 0.13                                                                                                                                                                                                                                                                                                                                                     |  | APPR: JKACHLIC 2022/02/23                                                                                                                     |       | PRODUCT CUSTOMER DRAWING            |        |                                                               |     |                |  |                 |  |
| 1 PLACE ± 0.25                                                                                                                                                                                                                                                                                                                                                      |  | INITIAL REVISION:                                                                                                                             |       |                                     |        |                                                               |     |                |  | DOCUMENT NUMBER |  |
| 0 PLACES ±                                                                                                                                                                                                                                                                                                                                                          |  | DRWN: KLANG 2005/04/15                                                                                                                        |       | SD-75783-001                        |        | PSD                                                           | 001 | F1             |  |                 |  |
| 0 PLACES ±                                                                                                                                                                                                                                                                                                                                                          |  | APPR: RNELSON 2005/04/18                                                                                                                      |       |                                     |        |                                                               |     |                |  |                 |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                                                                                                                                                                                                                                          |  | THIRD ANGLE PROJECTION                                                                                                                        |       | DRAWING                             | SERIES | MATERIAL NUMBER                                               |     | CUSTOMER       |  | SHEET NUMBER    |  |
|                                                                                                                                                                                                                                                                                                                                                                     |  | <div><div><div></div></div><div><div></div></div></div>                                                                                       |       | C-SIZE                              | 75783  | SEE TABLE                                                     |     | GENERAL MARKET |  | 6 OF 13         |  |

KEYING OPTIONS



|                | UNIVERSAL SHELL | LEFT KEY SHELL | RIGHT KEY SHELL | DUAL KEY SHELL |
|----------------|-----------------|----------------|-----------------|----------------|
| NO KEY PLUG    | YES             | NO             | NO              | NO             |
| LEFT KEY PLUG  | YES             | YES            | NO              | NO             |
| RIGHT KEY PLUG | YES             | NO             | YES             | NO             |
| UNIVERSAL PLUG | YES             | YES            | YES             | YES            |

| 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>= 0</div></div> <div><div><div><div></div></div></div><div>= 0</div></div> <div><div><div><div></div></div></div><div>= 0</div></div> <div><div><div><div></div></div></div><div>= 0</div></div> <div><div><div><div></div></div></div><div>= 0</div></div> <div><div><div><div></div></div></div><div>= 0</div></div> <div><div><div><div></div></div></div><div>= 0</div></div> <div><div><div><div></div></div></div><div>= 0</div></div> <div><div><div><div></div></div></div><div>= 0</div></div> <div><div><div><div></div></div></div><div>= 0</div></div> | DIMENSION UNITS                                                                                                                               |  | SCALE  |  | CURRENT REV DESC: OBSOLETE PART NO                                                         |  |                 | <div><div></div><div>molex</div></div> <div>I-PASS R/A CONNECTOR<br/>INTERNAL ASSY W/SHELL 0.8MM PITCH I/O</div> |                |          |              |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | mm                                                                                                                                            |  | 1:1    |  |                                                                                            |  |                 |                                                                                                                  |                |          |              |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                                      |  |        |  | EC NO: 696749<br>DRWN: MUM 2019/03/27<br>CHK'D: GB 2019/11/06<br>APPR: JKACHLIC 2022/02/23 |  |                 | PRODUCT CUSTOMER DRAWING                                                                                         |                |          |              |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ANGULAR TOL ± 0.5°                                                                                                                            |  |        |  |                                                                                            |  |                 |                                                                                                                  |                |          |              |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4 PLACES                                                                                                                                      |  | ±      |  | INITIAL REVISION:<br>DRWN: KLANG 2005/04/15<br>APPR: RNELSON 2005/04/18                    |  |                 | DOCUMENT NUMBER                                                                                                  |                | DOC TYPE | DOC PART     | REVISION |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3 PLACES                                                                                                                                      |  | ±      |  |                                                                                            |  |                 | SD-75783-001                                                                                                     |                | PSD      | 001          | F1       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2 PLACES                                                                                                                                      |  | ± 0.13 |  | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                 |  | MATERIAL NUMBER |                                                                                                                  | CUSTOMER       |          | SHEET NUMBER |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1 PLACE                                                                                                                                       |  | ± 0.25 |  |                                                                                            |  | SEE TABLE       |                                                                                                                  | GENERAL MARKET |          | 7 OF 13      |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0 PLACES                                                                                                                                      |  | ±      |  | THIRD ANGLE PROJECTION                                                                     |  | DRAWING         | SERIES                                                                                                           |                |          |              |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                               |  |        |  |                                                                                            |  | C-SIZE          | 75783                                                                                                            |                |          |              |          |

26 CIRCUIT ITEM NUMBERS

| CIRCUIT SIZE | ITEM NUMBER | PLATING OPTION | SHELL PCB OPTION | SHELL KEY OPTION |
|--------------|-------------|----------------|------------------|------------------|
| 26           | 75783-0007  | OPTION 1       | RETENTION        | LEFT             |
| 26           | 75783-0008  | OPTION 1       | RETENTION        | RIGHT            |
| 26           | 75783-0009  | OPTION 1       | RETENTION        | DUAL             |
| 26           | 75783-0010  | OPTION 1       | SMT              | LEFT             |
| 26           | 75783-0011  | OPTION 1       | SMT              | RIGHT            |
| 26           | 75783-0012  | OPTION 1       | SMT              | DUAL             |
| 26           | 75783-0019  | OPTION 2       | RETENTION        | LEFT             |
| 26           | 75783-0020  | OPTION 2       | RETENTION        | RIGHT            |
| 26           | 75783-0021  | OPTION 2       | RETENTION        | DUAL             |
| 26           | 75783-0022  | OPTION 2       | SMT              | LEFT             |
| 26           | 75783-0023  | OPTION 2       | SMT              | RIGHT            |
| 26           | 75783-0024  | OPTION 2       | SMT              | DUAL             |
| 26           | 75783-0025  | OPTION 1       | RETENTION        | UNIVERSAL        |
| 26           | 75783-0026  | OPTION 1       | SMT              | UNIVERSAL        |
| 26           | 75783-0027  | OPTION 2       | RETENTION        | UNIVERSAL        |
| 26           | 75783-0028  | OPTION 2       | SMT              | UNIVERSAL        |
| 26           | 75783-0029  | OPTION 1       | T/H 1.96         | LEFT             |
| 26           | 75783-0030  | OPTION 1       | T/H 1.96         | RIGHT            |
| 26           | 75783-0031  | OPTION 1       | T/H 1.96         | DUAL             |
| 26           | 75783-0032  | OPTION 1       | T/H 1.96         | UNIVERSAL        |
| 26           | 75783-0033  | OPTION 2       | T/H 1.96         | LEFT             |
| 26           | 75783-0034  | OPTION 2       | T/H 1.96         | RIGHT            |
| 26           | 75783-0035  | OPTION 2       | T/H 1.96         | DUAL             |
| 26           | 75783-0036  | OPTION 2       | T/H 1.96         | UNIVERSAL        |

| CIRCUIT SIZE | ITEM NUMBER | PLATING OPTION | SHELL PCB OPTION | SHELL KEY OPTION |
|--------------|-------------|----------------|------------------|------------------|
| 26           | 75783-0037  | OPTION 1       | T/H 2.79         | LEFT             |
| 26           | 75783-0038  | OPTION 1       | T/H 2.79         | RIGHT            |
| 26           | 75783-0039  | OPTION 1       | T/H 2.79         | DUAL             |
| 26           | 75783-0040  | OPTION 1       | T/H 2.79         | UNIVERSAL        |
| 26           | 75783-0041  | OPTION 2       | T/H 2.79         | LEFT             |
| 26           | 75783-0042  | OPTION 2       | T/H 2.79         | RIGHT            |
| 26           | 75783-0043  | OPTION 2       | T/H 2.79         | DUAL             |
| 26           | 75783-0044  | OPTION 2       | T/H 2.79         | UNIVERSAL        |
| 26           | 75783-0045  | OPTION 1       | T/H 3.18         | LEFT             |
| 26           | 75783-0046  | OPTION 1       | T/H 3.18         | RIGHT            |
| 26           | 75783-0047  | OPTION 1       | T/H 3.18         | DUAL             |
| 26           | 75783-0048  | OPTION 1       | T/H 3.18         | UNIVERSAL        |
| 26           | 75783-0049  | OPTION 2       | T/H 3.18         | LEFT             |
| 26           | 75783-0050  | OPTION 2       | T/H 3.18         | RIGHT            |
| 26           | 75783-0051  | OPTION 2       | T/H 3.18         | DUAL             |

| 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: OBSOLETE PART NO |                                                                         |  |  | <div>molex</div>                                                                           |                                 |  |                 |                 |                              |  |                            |  |                         |  |
| mm                                    |                                                                                                                                               | 1:1   |        |                                    |                                                                         |  |  |                                                                                            |                                 |  |                 |                 |                              |  |                            |  |                         |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED) |                                                                                                                                               |       |        |                                    |                                                                         |  |  | EC NO: 696749<br>DRWN: MUM 2019/03/27<br>CHK'D: GB 2019/11/06<br>APPR: JKACHLIC 2022/02/23 |                                 |  |                 |                 |                              |  |                            |  |                         |  |
| ANGULAR TOL ± 0.5 °                   |                                                                                                                                               |       |        |                                    |                                                                         |  |  |                                                                                            |                                 |  |                 |                 |                              |  |                            |  |                         |  |
|                                       | 4 PLACES                                                                                                                                      |       | ±      |                                    | INITIAL REVISION:<br>DRWN: KLANG 2005/04/15<br>APPR: RNELSON 2005/04/18 |  |  |                                                                                            | DOCUMENT NUMBER<br>SD-75783-001 |  | DOC TYPE<br>PSD | DOC PART<br>001 | REVISION<br>F1               |  |                            |  |                         |  |
|                                       | 3 PLACES                                                                                                                                      |       | ±      |                                    |                                                                         |  |  |                                                                                            |                                 |  |                 |                 |                              |  |                            |  |                         |  |
|                                       | 2 PLACES                                                                                                                                      |       | ± 0.13 |                                    |                                                                         |  |  |                                                                                            |                                 |  |                 |                 |                              |  |                            |  |                         |  |
|                                       | 1 PLACE                                                                                                                                       |       | ± 0.25 |                                    | THIRD ANGLE PROJECTION                                                  |  |  |                                                                                            | DRAWING<br>C-SIZE               |  | SERIES<br>75783 |                 | MATERIAL NUMBER<br>SEE TABLE |  | CUSTOMER<br>GENERAL MARKET |  | SHEET NUMBER<br>8 OF 13 |  |
|                                       | 0 PLACES                                                                                                                                      |       | ±      |                                    |                                                                         |  |  |                                                                                            |                                 |  |                 |                 |                              |  |                            |  |                         |  |
|                                       | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                          |       |        |                                    |                                                                         |  |  |                                                                                            |                                 |  |                 |                 |                              |  |                            |  |                         |  |
|                                       |                                                                                                                                               |       |        |                                    |                                                                         |  |  |                                                                                            |                                 |  |                 |                 |                              |  |                            |  |                         |  |

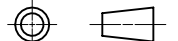
|                 |    |              |            |          |
|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2022/02/23 | 04:11:32 |
|-----------------|----|--------------|------------|----------|



50 CIRCUIT ITEM NUMBERS

| CIRCUIT SIZE | ITEM NUMBER | PLATING OPTION | SHELL PCB OPTION | SHELL KEY OPTION |
|--------------|-------------|----------------|------------------|------------------|
| 50           | 75783-0207  | OPTION 1       | RETENTION        | LEFT             |
| 50           | 75783-0208  | OPTION 1       | RETENTION        | RIGHT            |
| 50           | 75783-0209  | OPTION 1       | RETENTION        | DUAL             |
| 50           | 75783-0210  | OPTION 1       | SMT              | LEFT             |
| 50           | 75783-0211  | OPTION 1       | SMT              | RIGHT            |
| 50           | 75783-0212  | OPTION 1       | SMT              | DUAL             |
| 50           | 75783-0219  | OPTION 2       | RETENTION        | LEFT             |
| 50           | 75783-0220  | OPTION 2       | RETENTION        | RIGHT            |
| 50           | 75783-0221  | OPTION 2       | RETENTION        | DUAL             |
| 50           | 75783-0222  | OPTION 2       | SMT              | LEFT             |
| 50           | 75783-0223  | OPTION 2       | SMT              | RIGHT            |
| 50           | 75783-0224  | OPTION 2       | SMT              | DUAL             |
| 50           | 75783-0225  | OPTION 1       | RETENTION        | UNIVERSAL        |
| 50           | 75783-0226  | OPTION 1       | SMT              | UNIVERSAL        |
| 50           | 75783-0227  | OPTION 2       | RETENTION        | UNIVERSAL        |
| 50           | 75783-0228  | OPTION 2       | SMT              | UNIVERSAL        |
| 50           | 75783-0229  | OPTION 1       | T/H 1.96         | LEFT             |
| 50           | 75783-0230  | OPTION 1       | T/H 1.96         | RIGHT            |
| 50           | 75783-0231  | OPTION 1       | T/H 1.96         | DUAL             |
| 50           | 75783-0232  | OPTION 1       | T/H 1.96         | UNIVERSAL        |
| 50           | 75783-0233  | OPTION 2       | T/H 1.96         | LEFT             |
| 50           | 75783-0234  | OPTION 2       | T/H 1.96         | RIGHT            |
| 50           | 75783-0235  | OPTION 2       | T/H 1.96         | DUAL             |
| 50           | 75783-0236  | OPTION 2       | T/H 1.96         | UNIVERSAL        |

| CIRCUIT SIZE | ITEM NUMBER | PLATING OPTION | SHELL PCB OPTION | SHELL KEY OPTION |
|--------------|-------------|----------------|------------------|------------------|
| 50           | 75783-0237  | OPTION 1       | T/H 2.79         | LEFT             |
| 50           | 75783-0238  | OPTION 1       | T/H 2.79         | RIGHT            |
| 50           | 75783-0239  | OPTION 1       | T/H 2.79         | DUAL             |
| 50           | 75783-0240  | OPTION 1       | T/H 2.79         | UNIVERSAL        |
| 50           | 75783-0241  | OPTION 2       | T/H 2.79         | LEFT             |
| 50           | 75783-0242  | OPTION 2       | T/H 2.79         | RIGHT            |
| 50           | 75783-0243  | OPTION 2       | T/H 2.79         | DUAL             |
| 50           | 75783-0244  | OPTION 2       | T/H 2.79         | UNIVERSAL        |
| 50           | 75783-0245  | OPTION 1       | T/H 3.18         | LEFT             |
| 50           | 75783-0246  | OPTION 1       | T/H 3.18         | RIGHT            |
| 50           | 75783-0247  | OPTION 1       | T/H 3.18         | DUAL             |
| 50           | 75783-0248  | OPTION 1       | T/H 3.18         | UNIVERSAL        |
| 50           | 75783-0249  | OPTION 2       | T/H 3.18         | LEFT             |
| 50           | 75783-0250  | OPTION 2       | T/H 3.18         | RIGHT            |
| 50           | 75783-0251  | OPTION 2       | T/H 3.18         | DUAL             |
| 50           | 75783-0252  | OPTION 2       | T/H 3.18         | UNIVERSAL        |

| 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>= 0</div></div> <div><div>▽</div><div>= 0</div></div> <div><div>▽</div><div>= 0</div></div> <div><div>▽</div><div>= 0</div></div> <div><div>▽</div><div>= 0</div></div> <div><div>▽</div><div>= 0</div></div> <div><div>▽</div><div>= 0</div></div> <div><div>▽</div><div>= 0</div></div> <div><div>▽</div><div>= 0</div></div> <div><div>▽</div><div>= 0</div></div> | DIMENSION UNITS                                                                                                                               |  | SCALE  |                                                                                       | CURRENT REV DESC: OBSOLETED PART NO                                                        |        |         |       | <div>molex</div> <div>I-PASS R/A CONNECTOR</div> <div>INTERNAL ASSY W/SHELL 0.8MM PITCH I/O</div> |           |                 |                |          |          |              |
|                                                                                                                                                                                                                                                                                                                                                                                             | mm                                                                                                                                            |  | 1:1    |                                                                                       |                                                                                            |        |         |       |                                                                                                   |           |                 |                |          |          |              |
|                                                                                                                                                                                                                                                                                                                                                                                             | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |  |        |                                                                                       |                                                                                            |        |         |       |                                                                                                   |           |                 |                |          |          |              |
|                                                                                                                                                                                                                                                                                                                                                                                             | ANGULAR TOL ± 0.5°                                                                                                                            |  |        |                                                                                       |                                                                                            |        |         |       |                                                                                                   |           |                 |                |          |          |              |
|                                                                                                                                                                                                                                                                                                                                                                                             | 4 PLACES                                                                                                                                      |  | ±      |                                                                                       | EC NO: 696749<br>DRWN: MUM 2019/03/27<br>CHK'D: GB 2019/11/06<br>APPR: JKACHLIC 2022/02/23 |        |         |       | PRODUCT CUSTOMER DRAWING                                                                          |           |                 |                |          |          |              |
|                                                                                                                                                                                                                                                                                                                                                                                             | 3 PLACES                                                                                                                                      |  | ±      |                                                                                       |                                                                                            |        |         |       |                                                                                                   |           |                 |                |          |          |              |
|                                                                                                                                                                                                                                                                                                                                                                                             | 2 PLACES                                                                                                                                      |  | ± 0.13 |                                                                                       |                                                                                            |        |         |       |                                                                                                   |           |                 |                |          |          |              |
|                                                                                                                                                                                                                                                                                                                                                                                             | 1 PLACE                                                                                                                                       |  | ± 0.25 |                                                                                       | INITIAL REVISION:<br>DRWN: KLANG 2005/04/15<br>APPR: RNELSON 2005/04/18                    |        |         |       | DOCUMENT NUMBER                                                                                   |           | DOC TYPE        | DOC PART       | REVISION |          |              |
|                                                                                                                                                                                                                                                                                                                                                                                             | 0 PLACES                                                                                                                                      |  | ±      |                                                                                       |                                                                                            |        |         |       | SD-75783-001                                                                                      |           | PSD             | 001            | F1       |          |              |
|                                                                                                                                                                                                                                                                                                                                                                                             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |  |        |                                                                                       | THIRD ANGLE PROJECTION                                                                     |        | DRAWING |       | SERIES                                                                                            |           | MATERIAL NUMBER |                | CUSTOMER |          | SHEET NUMBER |
|                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                               |  |        |  |                                                                                            | C-SIZE |         | 75783 |                                                                                                   | SEE TABLE |                 | GENERAL MARKET |          | 10 OF 13 |              |

68 CIRCUIT ITEM NUMBERS

| CIRCUIT SIZE | ITEM NUMBER | PLATING OPTION | SHELL PCB OPTION | SHELL KEY OPTION |
|--------------|-------------|----------------|------------------|------------------|
| 68           | 75783-0307  | OPTION 1       | RETENTION        | LEFT             |
| 68           | 75783-0308  | OPTION 1       | RETENTION        | RIGHT            |
| 68           | 75783-0309  | OPTION 1       | RETENTION        | DUAL             |
| 68           | 75783-0310  | OPTION 1       | SMT              | LEFT             |
| 68           | 75783-0311  | OPTION 1       | SMT              | RIGHT            |
| 68           | 75783-0312  | OPTION 1       | SMT              | DUAL             |
| 68           | 75783-0319  | OPTION 2       | RETENTION        | LEFT             |
| 68           | 75783-0320  | OPTION 2       | RETENTION        | RIGHT            |
| 68           | 75783-0321  | OPTION 2       | RETENTION        | DUAL             |
| 68           | 75783-0322  | OPTION 2       | SMT              | LEFT             |
| 68           | 75783-0323  | OPTION 2       | SMT              | RIGHT            |
| 68           | 75783-0324  | OPTION 2       | SMT              | DUAL             |
| 68           | 75783-0325  | OPTION 1       | RETENTION        | UNIVERSAL        |
| 68           | 75783-0327  | OPTION 2       | RETENTION        | UNIVERSAL        |
| 68           | 75783-0328  | OPTION 2       | SMT              | UNIVERSAL        |
| 68           | 75783-0329  | OPTION 1       | T/H 1.96         | LEFT             |
| 68           | 75783-0330  | OPTION 1       | T/H 1.96         | RIGHT            |
| 68           | 75783-0331  | OPTION 1       | T/H 1.96         | DUAL             |
| 68           | 75783-0332  | OPTION 1       | T/H 1.96         | UNIVERSAL        |
| 68           | 75783-0333  | OPTION 2       | T/H 1.96         | LEFT             |
| 68           | 75783-0334  | OPTION 2       | T/H 1.96         | RIGHT            |
| 68           | 75783-0335  | OPTION 2       | T/H 1.96         | DUAL             |
| 68           | 75783-0336  | OPTION 2       | T/H 1.96         | UNIVERSAL        |

| CIRCUIT SIZE | ITEM NUMBER | PLATING OPTION | SHELL PCB OPTION | SHELL KEY OPTION |
|--------------|-------------|----------------|------------------|------------------|
| 68           | 75783-0337  | OPTION 1       | T/H 2.79         | LEFT             |
| 68           | 75783-0338  | OPTION 1       | T/H 2.79         | RIGHT            |
| 68           | 75783-0339  | OPTION 1       | T/H 2.79         | DUAL             |
| 68           | 75783-0340  | OPTION 1       | T/H 2.79         | UNIVERSAL        |
| 68           | 75783-0341  | OPTION 2       | T/H 2.79         | LEFT             |
| 68           | 75783-0342  | OPTION 2       | T/H 2.79         | RIGHT            |
| 68           | 75783-0343  | OPTION 2       | T/H 2.79         | DUAL             |
| 68           | 75783-0344  | OPTION 2       | T/H 2.79         | UNIVERSAL        |
| 68           | 75783-0345  | OPTION 1       | T/H 3.18         | LEFT             |
| 68           | 75783-0346  | OPTION 1       | T/H 3.18         | RIGHT            |
| 68           | 75783-0347  | OPTION 1       | T/H 3.18         | DUAL             |
| 68           | 75783-0348  | OPTION 1       | T/H 3.18         | UNIVERSAL        |
| 68           | 75783-0349  | OPTION 2       | T/H 3.18         | LEFT             |
| 68           | 75783-0350  | OPTION 2       | T/H 3.18         | RIGHT            |
| 68           | 75783-0351  | OPTION 2       | T/H 3.18         | DUAL             |
| 68           | 75783-0352  | OPTION 2       | T/H 3.18         | UNIVERSAL        |

| 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: OBSOLETE PART NO<br><br>EC NO: 696749<br>DRWN: MUM 2019/03/27<br>CHK'D: GB 2019/11/06<br>APPR: JKACHLIC 2022/02/23 |  |        |  | <div>molex</div><br><br>I-PASS R/A CONNECTOR<br>INTERNAL ASSY W/SHELL 0.8MM PITCH I/O |  |                |          |              |
|                                                                                                                                               | = 0 | mm                                                   |  | 1:1                    |  |                                                                                                                                      |  |        |  |                                                                                       |  |                |          |              |
|                                                                                                                                               | = 0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                |  |                        |  |                                                                                                                                      |  |        |  |                                                                                       |  |                |          |              |
|                                                                                                                                               | = 0 | ANGULAR TOL ± 0.5°                                   |  |                        |  |                                                                                                                                      |  |        |  |                                                                                       |  |                |          |              |
|                                                                                                                                               | = 0 | 4 PLACES ±                                           |  |                        |  | INITIAL REVISION:<br>DRWN: KLANG 2005/04/15<br>APPR: RNELSON 2005/04/18                                                              |  |        |  | DOCUMENT NUMBER                                                                       |  | DOC TYPE       | DOC PART | REVISION     |
|                                                                                                                                               | = 0 | 3 PLACES ±                                           |  |                        |  |                                                                                                                                      |  |        |  | SD-75783-001                                                                          |  | PSD            | 001      | F1           |
|                                                                                                                                               | = 0 | 2 PLACES ± 0.13                                      |  |                        |  |                                                                                                                                      |  |        |  |                                                                                       |  |                |          |              |
|                                                                                                                                               | = 0 | 1 PLACE ± 0.25                                       |  |                        |  |                                                                                                                                      |  |        |  |                                                                                       |  |                |          |              |
|                                                                                                                                               | = 0 | 0 PLACES ±                                           |  |                        |  |                                                                                                                                      |  |        |  |                                                                                       |  |                |          |              |
|                                                                                                                                               | = 0 | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |  | THIRD ANGLE PROJECTION |  | DRAWING                                                                                                                              |  | SERIES |  | MATERIAL NUMBER                                                                       |  | CUSTOMER       |          | SHEET NUMBER |
|                                                                                                                                               | = 0 |                                                      |  |                        |  | C-SIZE                                                                                                                               |  | 75783  |  | SEE TABLE                                                                             |  | GENERAL MARKET |          | 11 OF 13     |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2022/02/23 | 04:11:32 |
|-----------------|----|--------------|------------|----------|
|-----------------|----|--------------|------------|----------|



| DATE       | REV | DESCRIPTION                                                     |
|------------|-----|-----------------------------------------------------------------|
| 2018/03/20 | F   | 1. REMASTERED FROM MODEL MANAGER                                |
|            |     | 2. SHEET 1, NOTE 3, COPLANAR DISTANCE CHANGED FROM 0.15 TO 0.10 |
|            |     |                                                                 |
| 2019/03/28 | F1  | 1. RECREATED IN NX                                              |
|            |     | 2. OBSOLETED PART NO 757830052,757830145,757830146,757830326    |
|            |     |                                                                 |
|            |     |                                                                 |
|            |     |                                                                 |

|                                                      |                                                                                                                                               |                        |                                                                                            |         |                                     |                          |  |                                                               |          |          |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------------------------------------------------------------------------------------|---------|-------------------------------------|--------------------------|--|---------------------------------------------------------------|----------|----------|
| 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: OBSOLETED PART NO |                          |  | <div>molex</div>                                              |          |          |
|                                                      | mm                                                                                                                                            |                        | 1:1                                                                                        |         |                                     |                          |  |                                                               |          |          |
|                                                      | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |                        |                                                                                            |         |                                     |                          |  |                                                               |          |          |
|                                                      | ANGULAR TOL ± 0.5°                                                                                                                            |                        | EC NO: 696749<br>DRWN: MUM 2019/03/27<br>CHK'D: GB 2019/11/06<br>APPR: JKACHLIC 2022/02/23 |         |                                     |                          |  | I-PASS R/A CONNECTOR<br>INTERNAL ASSY W/SHELL 0.8MM PITCH I/O |          |          |
|                                                      | 4 PLACES ±                                                                                                                                    |                        |                                                                                            |         |                                     |                          |  |                                                               |          |          |
|                                                      | 3 PLACES ±                                                                                                                                    |                        |                                                                                            |         |                                     |                          |  |                                                               |          |          |
|                                                      | 2 PLACES ± 0.13                                                                                                                               |                        |                                                                                            |         |                                     |                          |  |                                                               |          |          |
|                                                      | 1 PLACE ± 0.25                                                                                                                                |                        | INITIAL REVISION:<br>DRWN: KLANG 2005/04/15<br>APPR: RNELSON 2005/04/18                    |         |                                     | PRODUCT CUSTOMER DRAWING |  |                                                               |          |          |
|                                                      | 0 PLACES ±                                                                                                                                    |                        |                                                                                            |         |                                     |                          |  |                                                               |          |          |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                                                                                                                                               | THIRD ANGLE PROJECTION |                                                                                            | DRAWING | SERIES                              | DOCUMENT NUMBER          |  | DOC TYPE                                                      | DOC PART | REVISION |
|                                                      |                                                                                                                                               |                        |                                                                                            | C-SIZE  | 75783                               | SD-75783-001             |  | PSD                                                           | 001      | F1       |

DOCUMENT STATUS

P1

RELEASE DATE

2022/02/23 04:11:32