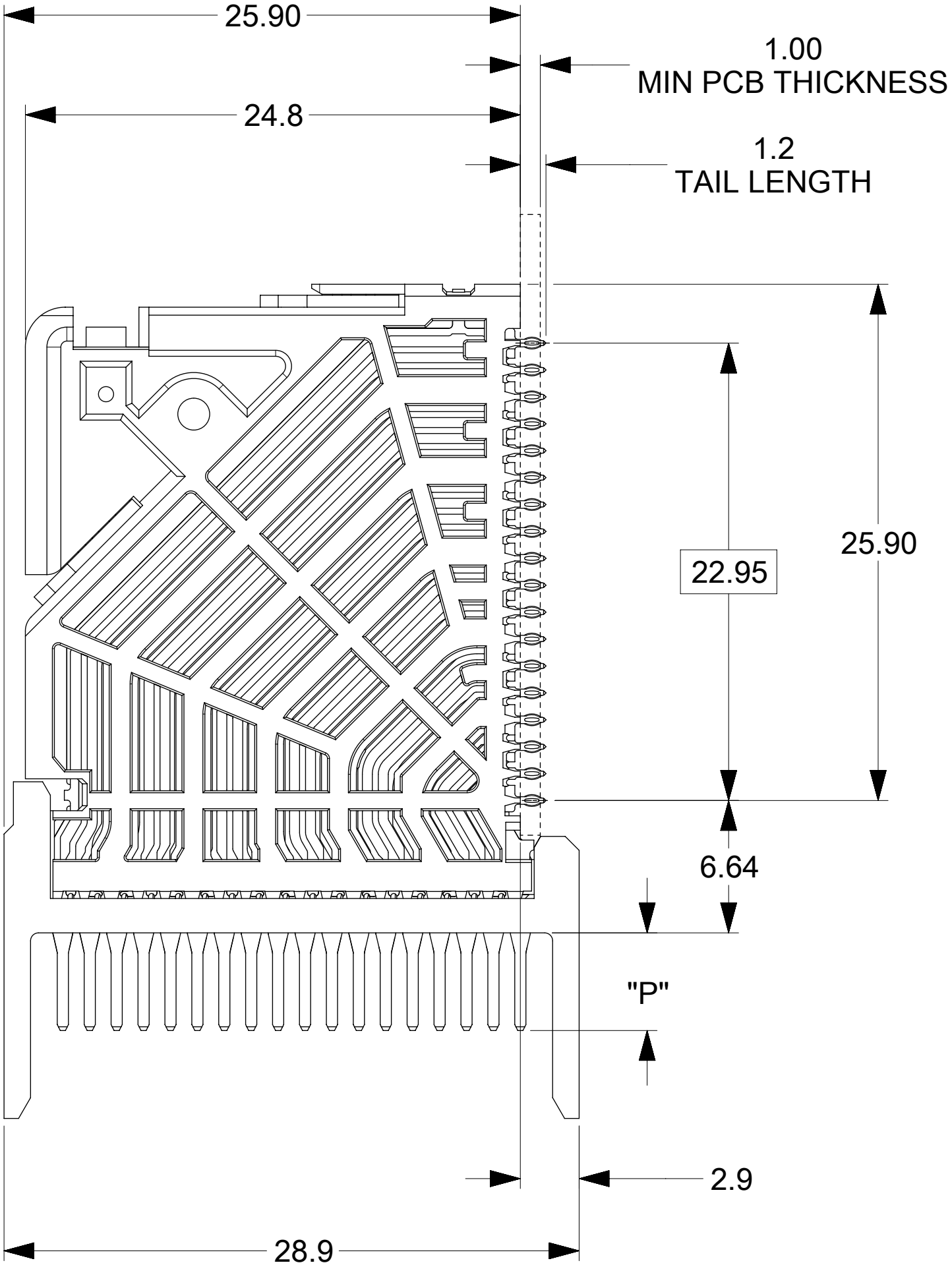
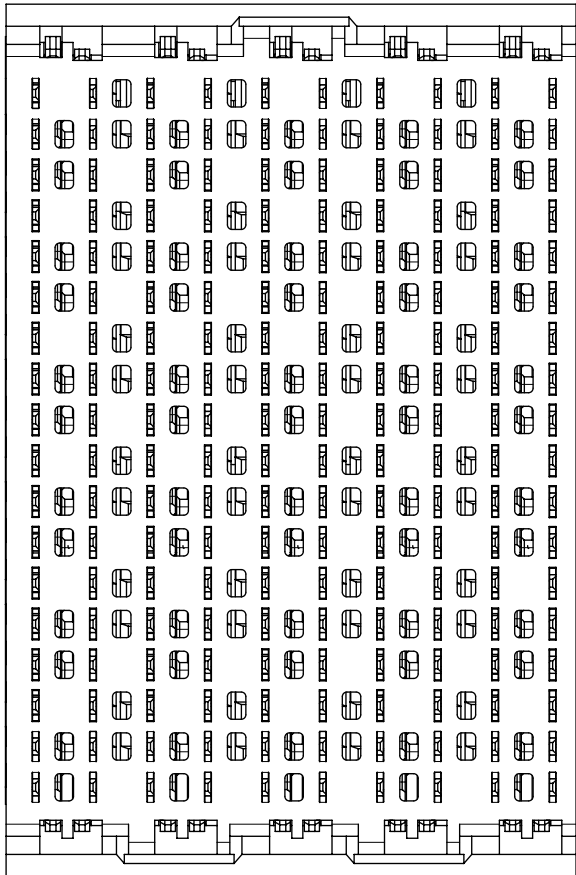
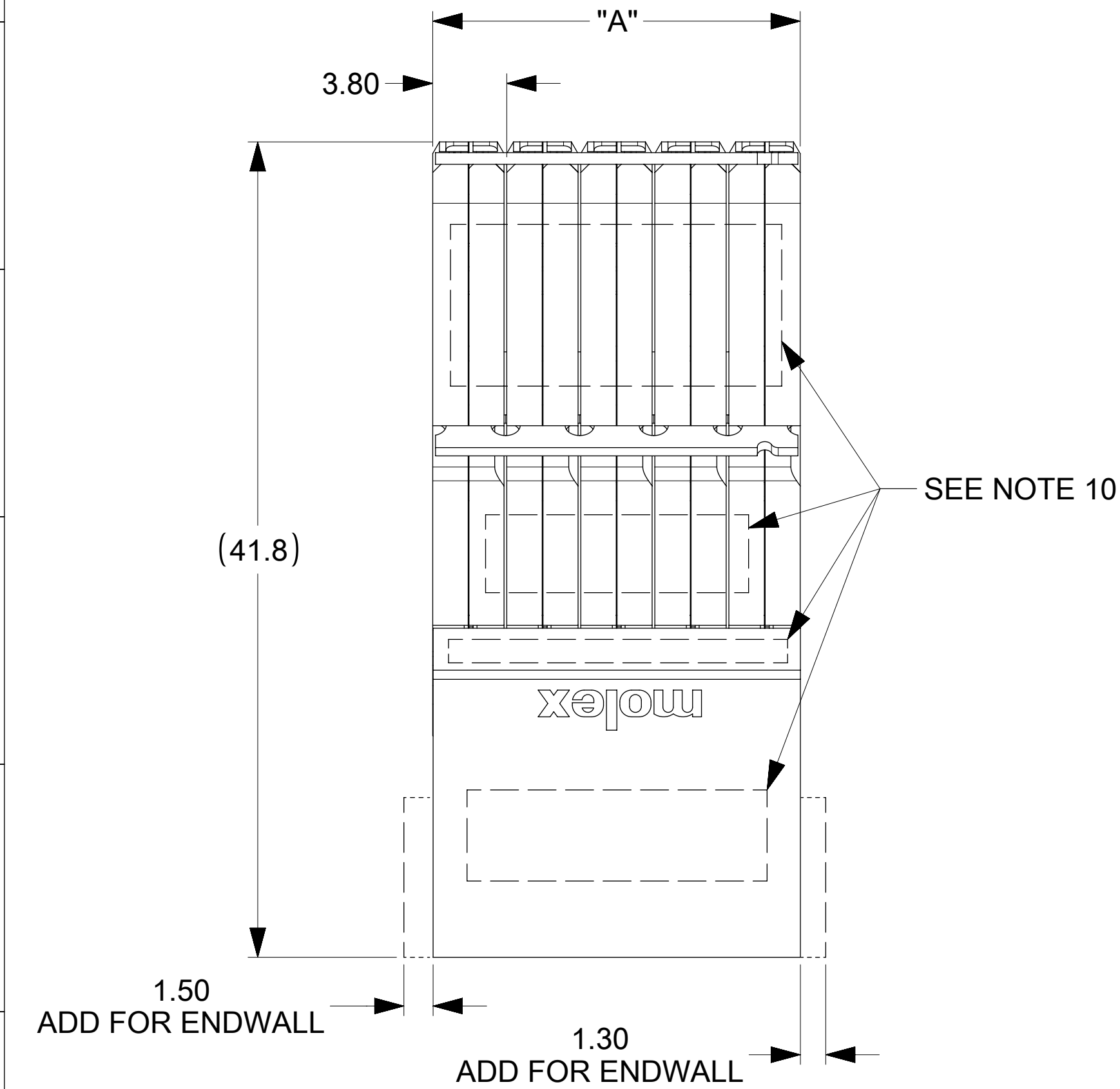


| MATERIAL NUMBER | # OF COLUMNS | # OF DIFF PAIR | DIM "A" MAX | DIM "B" | PTHØ      |
|-----------------|--------------|----------------|-------------|---------|-----------|
| 76560-11**      | 10           | 60             | 19.00       | 17.10   | 0.46±0.05 |
| 76560-17**      | 14           | 84             | 26.60       | 24.70   | 0.46±0.05 |
| 76560-16**      | 16           | 96             | 30.40       | 28.50   | 0.46±0.05 |
| 76560-11**      | 10           | 60             | 19.00       | 17.10   | 0.39±0.05 |
| 76560-17**      | 14           | 84             | 26.60       | 24.70   | 0.39±0.05 |
| 76560-16**      | 16           | 96             | 30.40       | 28.50   | 0.39±0.05 |



MODULE TYPE  
1 = UNGUIDED, LEAD-FREE

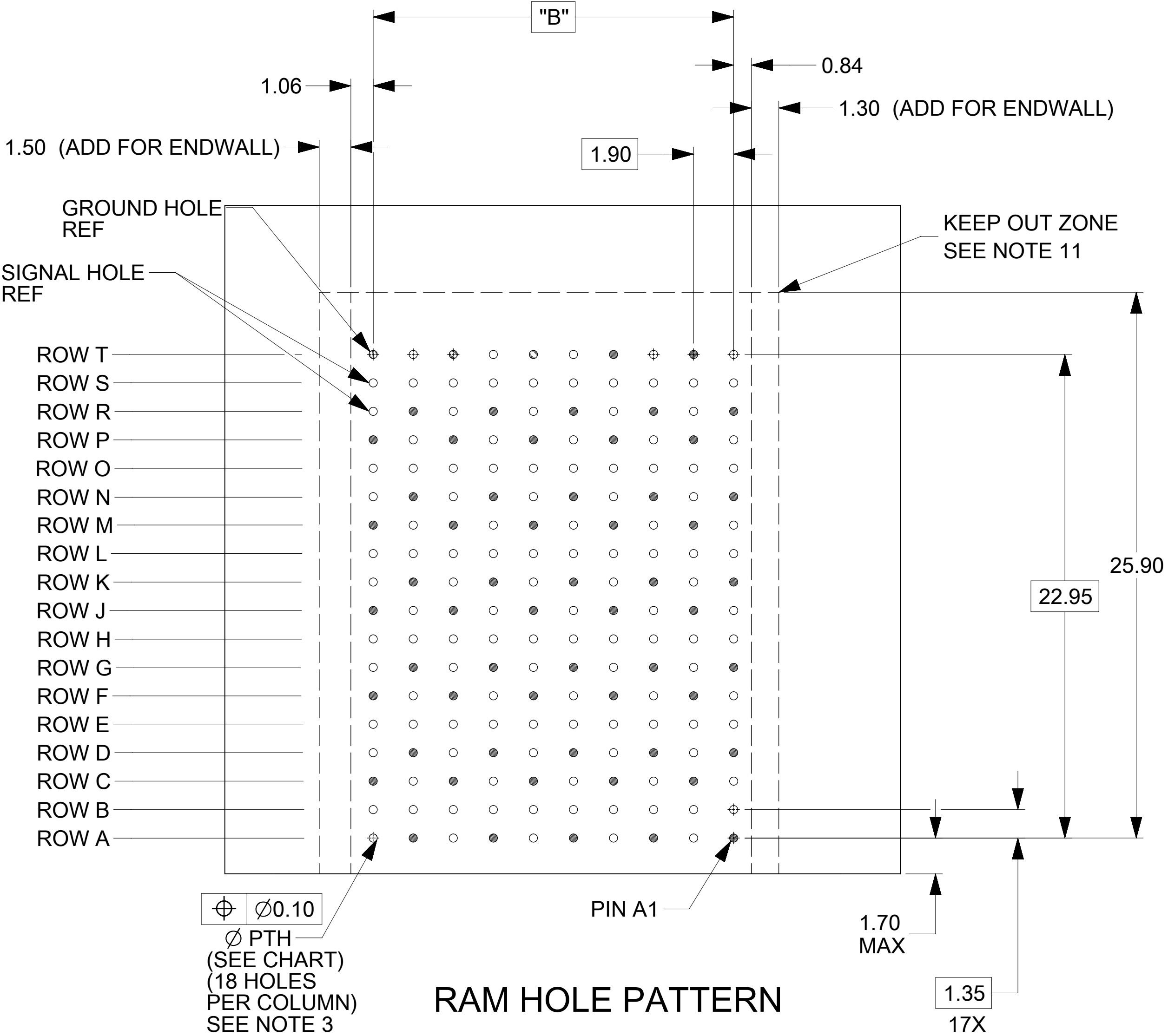
# OF COLUMNS  
1 = 10 COLUMNS  
6 = 16 COLUMNS  
7 = 14 COLUMNS

76560-\*\*\*

PIN LENGTH (P)  
4 = 4.90 (0.46 PTH)  
5 = 5.50 (0.46 PTH)  
7 = 4.90 (0.39 PTH)  
8 = 5.50 (0.39 PTH)

END WALL OPTIONS  
0 = OPEN  
1 = LEFT END WALL  
2 = DUAL END WALL  
3 = RIGHT END WALL

- NOTES:
- MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0  
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
  - FINISH: 30µIN SELECTIVE GOLD IN CONTACT AREA, SELECTIVE TIN ON PCB TAILS, NICKEL OVERALL.
  - REFER TO MOLEX PRODUCT SPECIFICATION PS-76060-999 FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL PCB INFORMATION.
  - EACH SIGNAL WAFER CONTAINS 2 COLUMNS OF TERMINALS.
  - PRODUCT IS PACKAGED PER PK-70873-777.
  - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
  - REFER TO MOLEX SALES DRAWING SD-76150-001 FOR THE MATING RECEPTACLES.
  - REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING RECOMMENDATIONS.
  - OPEN WALL VERSION SHOWN FOR CLARITY. SEE PCB LAYOUT FOR OVERALL LENGTH ADDITION ON THE ASSEMBLIES WITH ENDWALLS.
  - MARKING: LOCATED APPROXIMATELY AS SHOWN. PART NUMBER AND DATE CODE.
  - THESE DIMENSIONS REPRESENT THE AREA NEEDED TO ACCOMMODATE CONNECTOR INSERTION AND REPAIR ON THE PCB. THIS IS REFERRED TO AS THE "CONNECTOR KEEP OUT ZONE" AND DOES NOT REPRESENT THE ACTUAL PERIMETER OF THE CONNECTOR.



| 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: CORRECT PIN<br>CALLOUTS                                                           |  |         |  |        |          |                 |          |                |  |              |  |
|                                                                                           | mm                                                                                                                                            |  | 4:1    |                          |                                                                                                     |  |         |                                                                                       |        |          |                 |          |                |  |              |  |
|  = 0 | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                                      |  |        |                          | EC NO: 607222<br>DRWN: DVARVARA 2018/11/06<br>CHK'D: DMORGAN 2018/11/06<br>APPR: DMORGAN 2018/11/06 |  |         | IMPACT 6 PAIR RAM<br>MARRIED - UNGUIDED SALES DRAWING                                 |        |          |                 |          |                |  |              |  |
|  = 0 |                                                                                                                                               |  |        |                          |                                                                                                     |  |         |                                                                                       |        |          |                 |          |                |  |              |  |
| ANGULAR TOL ± 0.5°                                                                        |                                                                                                                                               |  |        | PRODUCT CUSTOMER DRAWING |                                                                                                     |  |         |                                                                                       |        |          |                 |          |                |  |              |  |
|  = 0 | 4 PLACES                                                                                                                                      |  | ±      |                          |                                                                                                     |  |         |                                                                                       |        |          |                 |          |                |  |              |  |
|  = 0 | 3 PLACES                                                                                                                                      |  | ±      |                          |                                                                                                     |  |         |                                                                                       |        |          |                 |          |                |  |              |  |
|  = 0 | 2 PLACES                                                                                                                                      |  | ± 0.13 |                          | INITIAL REVISION:<br>DRWN: JGONZALEZ01 2014/11/24<br>APPR: TELO 2016/01/10                          |  |         | DOCUMENT NUMBER                                                                       |        | DOC TYPE | DOC PART        | REVISION |                |  |              |  |
|  = 0 | 1 PLACE                                                                                                                                       |  | ± 0.25 |                          |                                                                                                     |  |         | SD-76560-9001                                                                         |        | PSD      |                 | 001      | A2             |  |              |  |
|  = 0 | 0 PLACES                                                                                                                                      |  | ±      |                          |                                                                                                     |  |         |                                                                                       |        |          |                 |          |                |  |              |  |
|  = 0 | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |  |        |                          | THIRD ANGLE PROJECTION                                                                              |  | DRAWING |                                                                                       | SERIES |          | MATERIAL NUMBER |          | CUSTOMER       |  | SHEET NUMBER |  |
|  = 0 |                                                                                                                                               |  |        |                          |                |  | D-SIZE  |                                                                                       | 76560  |          | SEE TABLE       |          | GENERAL MARKET |  | 1 OF 2       |  |

COPLANER APPLICATION

RAM ASSEMBLY: 76560

DC ASSEMBLY: 76150

TOP OF BOARD

TOP OF BOARD

18.00

69.80

ROW T

PIN A1

ROW A

0.35

PIN A10

TOP OF BOARD (PCB RAM)

TOP OF BOARD (PCB DC)

COPLANER MATED SIGNAL PATHS

RAM PIN A10.....DC PIN A10

RAM PIN A1.....DC PIN A1

| SYMBOLS         |     | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |        | CURRENT REV DESC: CORRECT PIN CALLOUTS |  |
|-----------------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------|--------|----------------------------------------|--|
| DIMENSION UNITS |     | SCALE                                                                                                                                         |        |                                        |  |
|                 | = 0 | mm                                                                                                                                            | 4:1    |                                        |  |
|                 | = 0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |        |                                        |  |
|                 | = 0 | ANGULAR TOL ± 0.5°                                                                                                                            |        |                                        |  |
|                 | = 0 | 4 PLACES                                                                                                                                      | ±      |                                        |  |
|                 | = 0 | 3 PLACES                                                                                                                                      | ±      |                                        |  |
|                 | = 0 | 2 PLACES                                                                                                                                      | ± 0.13 |                                        |  |
|                 | = 0 | 1 PLACE                                                                                                                                       | ± 0.25 |                                        |  |
|                 | = 0 | 0 PLACES                                                                                                                                      | ±      |                                        |  |
|                 | = 0 | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                          |        |                                        |  |
|                 | = 0 | THIRD ANGLE PROJECTION                                                                                                                        |        |                                        |  |
|                 | = 0 | DRAWING                                                                                                                                       |        |                                        |  |
|                 | = 0 | SERIES                                                                                                                                        |        |                                        |  |
|                 | = 0 | MATERIAL NUMBER                                                                                                                               |        |                                        |  |
|                 | = 0 | CUSTOMER                                                                                                                                      |        |                                        |  |
|                 | = 0 | SHEET NUMBER                                                                                                                                  |        |                                        |  |

| DOCUMENT STATUS |  | P1             | RELEASE DATE | 2018/11/06   | 21:57:25 |
|-----------------|--|----------------|--------------|--------------|----------|
| DOCUMENT NUMBER |  | DOC TYPE       |              | DOC PART     | REVISION |
| SD-76560-9001   |  | PSD            |              | 001          | A2       |
| MATERIAL NUMBER |  | CUSTOMER       |              | SHEET NUMBER |          |
| SEE TABLE       |  | GENERAL MARKET |              | 2 OF 2       |          |

molex

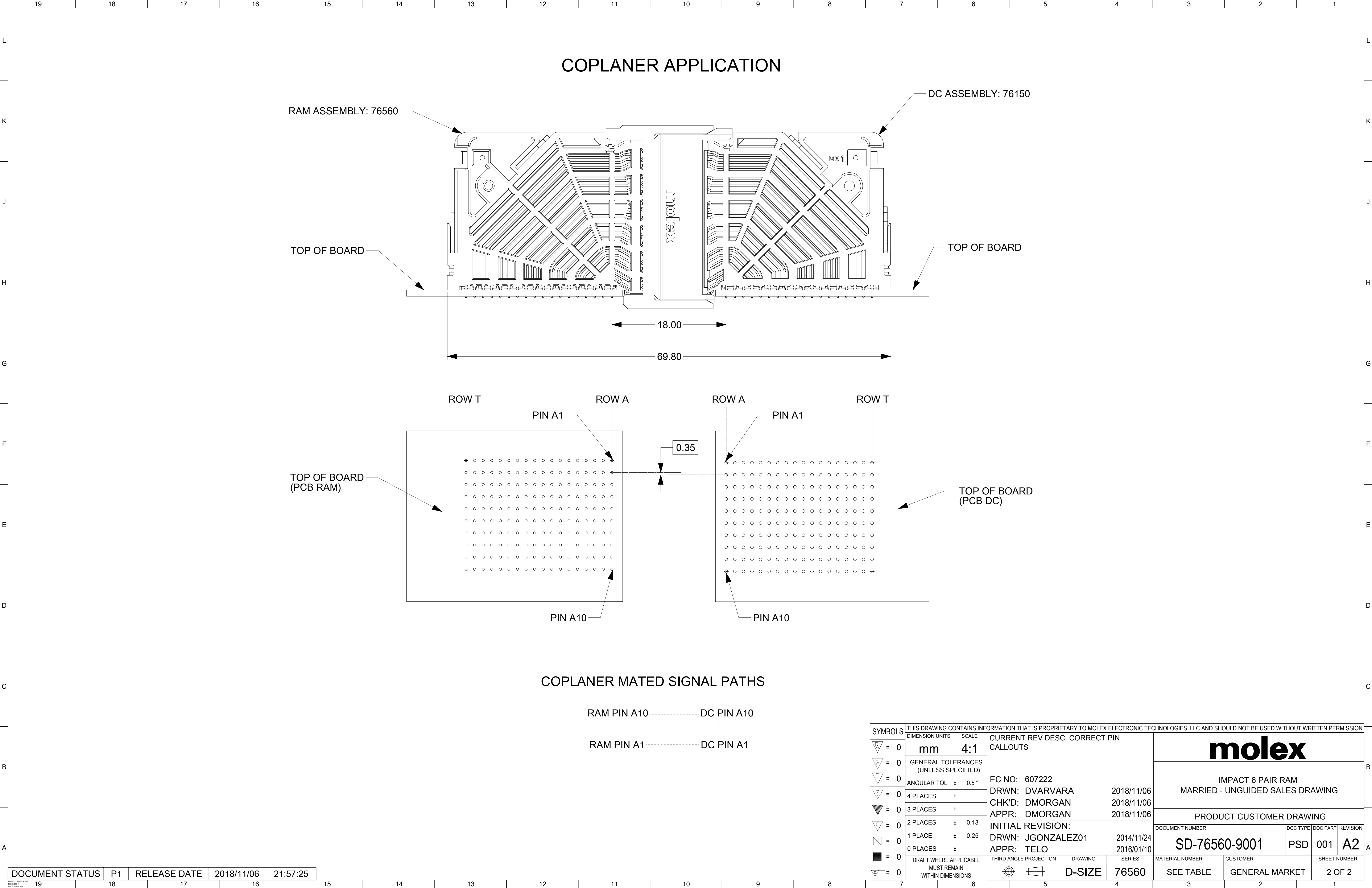
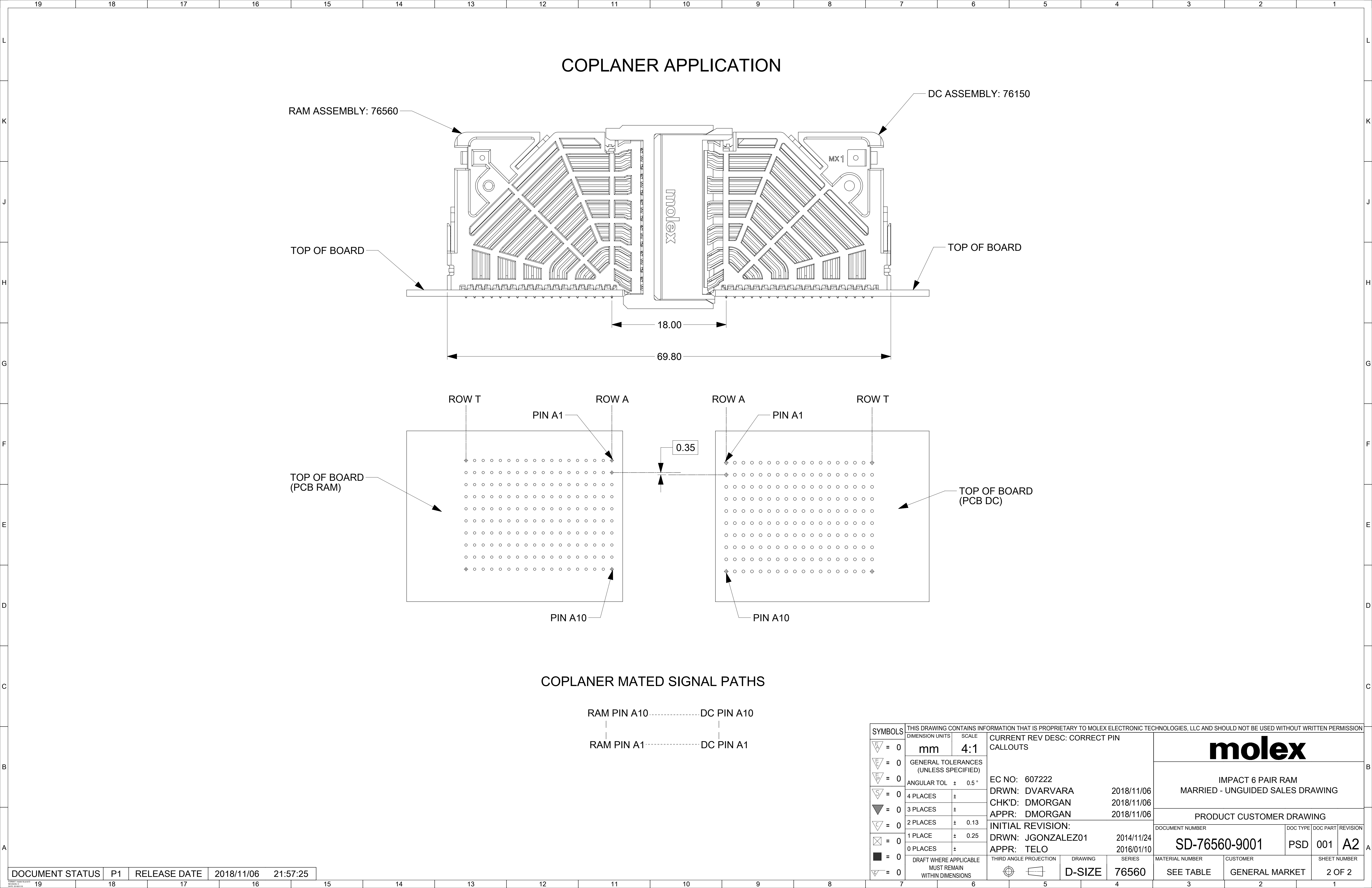
IMPACT 6 PAIR RAM  
MARRIED - UNGUIDED SALES DRAWING

PRODUCT CUSTOMER DRAWING

EC NO: 607222  
DRWN: DVARVARA 2018/11/06  
CHK'D: DMORGAN 2018/11/06  
APPR: DMORGAN 2018/11/06

INITIAL REVISION:  
DRWN: JGONZALEZ01 2014/11/24  
APPR: TELO 2016/01/10

D-SIZE 76560



COPLANER APPLICATION

RAM ASSEMBLY: 76560

DC ASSEMBLY: 76150

TOP OF BOARD

TOP OF BOARD

18.00

69.80

ROW T

PIN A1

ROW A

0.35

PIN A10

TOP OF BOARD (PCB RAM)

TOP OF BOARD (PCB DC)

COPLANER MATED SIGNAL PATHS

RAM PIN A10.....DC PIN A10

RAM PIN A1.....DC PIN A1

| SYMBOLS         |     | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |         | CURRENT REV DESC: CORRECT PIN CALLOUTS |  |
|-----------------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------|---------|----------------------------------------|--|
| DIMENSION UNITS |     | SCALE                                                                                                                                         |         |                                        |  |
|                 | = 0 | mm                                                                                                                                            | 4:1     |                                        |  |
|                 | = 0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |         |                                        |  |
|                 | = 0 | ANGULAR TOL ± 0.5°                                                                                                                            |         |                                        |  |
|                 | = 0 | 4 PLACES                                                                                                                                      | ±       |                                        |  |
|                 | = 0 | 3 PLACES                                                                                                                                      | ±       |                                        |  |
|                 | = 0 | 2 PLACES                                                                                                                                      | ± 0.13  |                                        |  |
|                 | = 0 | 1 PLACE                                                                                                                                       | ± 0.25  |                                        |  |
|                 | = 0 | 0 PLACES                                                                                                                                      | ±       |                                        |  |
|                 | = 0 | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                          |         |                                        |  |
|                 | = 0 | THIRD ANGLE PROJECTION                                                                                                                        | DRAWING | SERIES                                 |  |
|                 | = 0 |                                                                                                                                               | D-SIZE  | 76560                                  |  |

| DOCUMENT NUMBER |  | DOC TYPE | DOC PART | REVISION |
|-----------------|--|----------|----------|----------|
| SD-76560-9001   |  | PSD      | 001      | A2       |

| DOCUMENT STATUS |  | P1 | RELEASE DATE | 2018/11/06 21:57:25 |
|-----------------|--|----|--------------|---------------------|
| DOCUMENT STATUS |  | P1 | RELEASE DATE | 2018/11/06 21:57:25 |

EC NO: 607222

DRWN: DVARVARA 2018/11/06

CHK'D: DMORGAN 2018/11/06

APPR: DMORGAN 2018/11/06

INITIAL REVISION:

DRWN: JGONZALEZ01 2014/11/24

APPR: TELO 2016/01/10

MATERIAL NUMBER

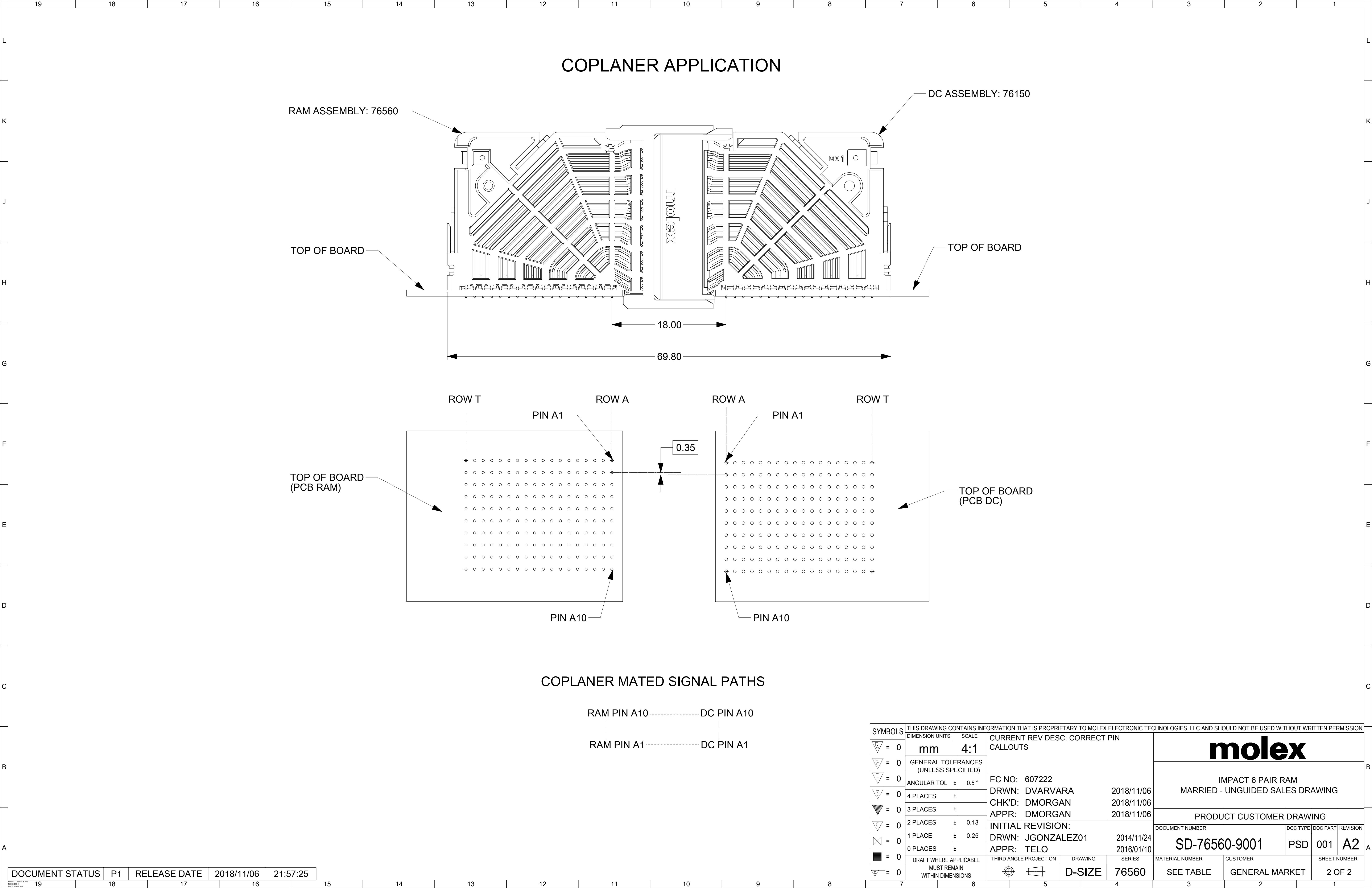
CUSTOMER

SHEET NUMBER

SEE TABLE

GENERAL MARKET

2 OF 2



COPLANER APPLICATION

RAM ASSEMBLY: 76560

DC ASSEMBLY: 76150

TOP OF BOARD

TOP OF BOARD

18.00

69.80

ROW T

PIN A1

ROW A

0.35

PIN A10

TOP OF BOARD (PCB RAM)

TOP OF BOARD (PCB DC)

COPLANER MATED SIGNAL PATHS

RAM PIN A10.....DC PIN A10

RAM PIN A1.....DC PIN A1

|                                                                                                                                             |                                                                                                                                               |  |       |                        |                                        |         |  |           |                                                       |                |  |        |          |  |  |  |          |  |  |  |          |  |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--|-------|------------------------|----------------------------------------|---------|--|-----------|-------------------------------------------------------|----------------|--|--------|----------|--|--|--|----------|--|--|--|----------|--|--|--|
| <b>SYMBOLS</b><br><br>▽ = 0<br>▽ = 0<br>▽ = 0<br>▽ = 0<br>▽ = 0<br>▽ = 0<br>▽ = 0<br>▽ = 0<br>▽ = 0<br>▽ = 0<br><br>☒ = 0<br>■ = 0<br>▽ = 0 | 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: CORRECT PIN CALLOUTS |         |  |           | <b>molex</b>                                          |                |  |        |          |  |  |  |          |  |  |  |          |  |  |  |
|                                                                                                                                             | mm                                                                                                                                            |  | 4:1   |                        |                                        |         |  |           |                                                       |                |  |        |          |  |  |  |          |  |  |  |          |  |  |  |
|                                                                                                                                             | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |  |       |                        | EC NO: 607222                          |         |  |           | IMPACT 6 PAIR RAM<br>MARRIED - UNGUIDED SALES DRAWING |                |  |        |          |  |  |  |          |  |  |  |          |  |  |  |
|                                                                                                                                             | ANGULAR TOL ± 0.5°                                                                                                                            |  |       |                        | DRWN: DVARVARA 2018/11/06              |         |  |           |                                                       |                |  |        |          |  |  |  |          |  |  |  |          |  |  |  |
|                                                                                                                                             | 4 PLACES ±                                                                                                                                    |  |       |                        | CHK'D: DMORGAN 2018/11/06              |         |  |           | PRODUCT CUSTOMER DRAWING                              |                |  |        |          |  |  |  |          |  |  |  |          |  |  |  |
|                                                                                                                                             | 3 PLACES ±                                                                                                                                    |  |       |                        | APPR: DMORGAN 2018/11/06               |         |  |           |                                                       |                |  |        |          |  |  |  |          |  |  |  |          |  |  |  |
|                                                                                                                                             | 2 PLACES ± 0.13                                                                                                                               |  |       |                        | INITIAL REVISION:                      |         |  |           | DOCUMENT NUMBER                                       |                |  |        | DOC TYPE |  |  |  | DOC PART |  |  |  | REVISION |  |  |  |
|                                                                                                                                             | 1 PLACE ± 0.25                                                                                                                                |  |       |                        | DRWN: JGONZALEZ01 2014/11/24           |         |  |           |                                                       |                |  |        |          |  |  |  |          |  |  |  |          |  |  |  |
|                                                                                                                                             | 0 PLACES ±                                                                                                                                    |  |       |                        | APPR: TELO 2016/01/10                  |         |  |           | SD-76560-9001                                         |                |  |        | PSD      |  |  |  | 001      |  |  |  | A2       |  |  |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS                                                                                     |                                                                                                                                               |  |       | THIRD ANGLE PROJECTION |                                        | DRAWING |  | SERIES    |                                                       |                |  |        |          |  |  |  |          |  |  |  |          |  |  |  |
|                                                                                                                                             |                                                                                                                                               |  |       | D-SIZE                 |                                        | 76560   |  | SEE TABLE |                                                       | GENERAL MARKET |  | 2 OF 2 |          |  |  |  |          |  |  |  |          |  |  |  |

|                 |    |              |            |          |
|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2018/11/06 | 21:57:25 |
|-----------------|----|--------------|------------|----------|

COPLANER APPLICATION

RAM ASSEMBLY: 76560

DC ASSEMBLY: 76150

TOP OF BOARD

TOP OF BOARD

18.00

69.80

ROW T

PIN A1

ROW A

0.35

PIN A10

TOP OF BOARD (PCB RAM)

TOP OF BOARD (PCB DC)

COPLANER MATED SIGNAL PATHS

RAM PIN A10-----DC PIN A10

RAM PIN A1-----DC PIN A1

| SYMBOLS         |     | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |        | CURRENT REV DESC: CORRECT PIN CALLOUTS |  |
|-----------------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------|--------|----------------------------------------|--|
| DIMENSION UNITS |     | SCALE                                                                                                                                         |        |                                        |  |
|                 | = 0 | mm                                                                                                                                            | 4:1    |                                        |  |
|                 | = 0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |        |                                        |  |
|                 | = 0 | ANGULAR TOL ± 0.5°                                                                                                                            |        |                                        |  |
|                 | = 0 | 4 PLACES                                                                                                                                      | ±      |                                        |  |
|                 | = 0 | 3 PLACES                                                                                                                                      | ±      |                                        |  |
|                 | = 0 | 2 PLACES                                                                                                                                      | ± 0.13 |                                        |  |
|                 | = 0 | 1 PLACE                                                                                                                                       | ± 0.25 |                                        |  |
|                 | = 0 | 0 PLACES                                                                                                                                      | ±      |                                        |  |
|                 | = 0 | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                          |        |                                        |  |
|                 | = 0 | THIRD ANGLE PROJECTION                                                                                                                        |        |                                        |  |
|                 | = 0 | DRAWING                                                                                                                                       |        |                                        |  |
|                 | = 0 | SERIES                                                                                                                                        |        |                                        |  |
|                 | = 0 | MATERIAL NUMBER                                                                                                                               |        |                                        |  |
|                 | = 0 | CUSTOMER                                                                                                                                      |        |                                        |  |
|                 | = 0 | SHEET NUMBER                                                                                                                                  |        |                                        |  |

DOCUMENT STATUS P1 RELEASE DATE 2018/11/06 21:57:25

DOCUMENT NUMBER SD-76560-9001 DOC TYPE PSD DOC PART 001 REVISION A2

PRODUCT CUSTOMER DRAWING

IMPACT 6 PAIR RAM MARRIED - UNGUIDED SALES DRAWING

EC NO: 607222

DRWN: DVARVARA 2018/11/06

CHK'D: DMORGAN 2018/11/06

APPR: DMORGAN 2018/11/06

INITIAL REVISION:

DRWN: JGONZALEZ01 2014/11/24

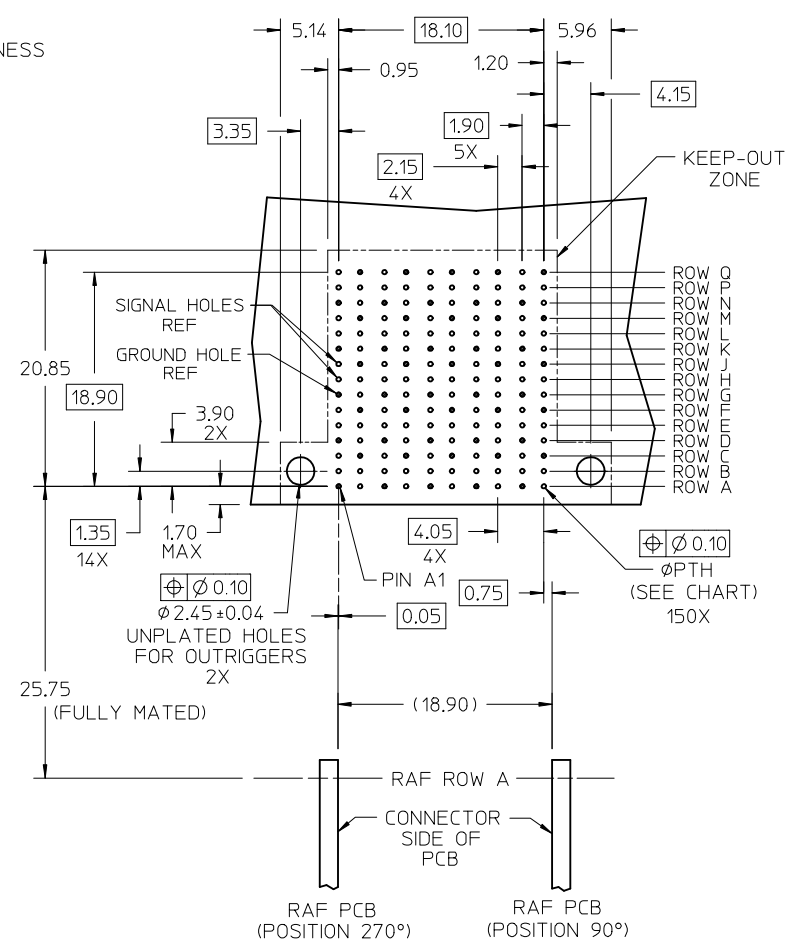
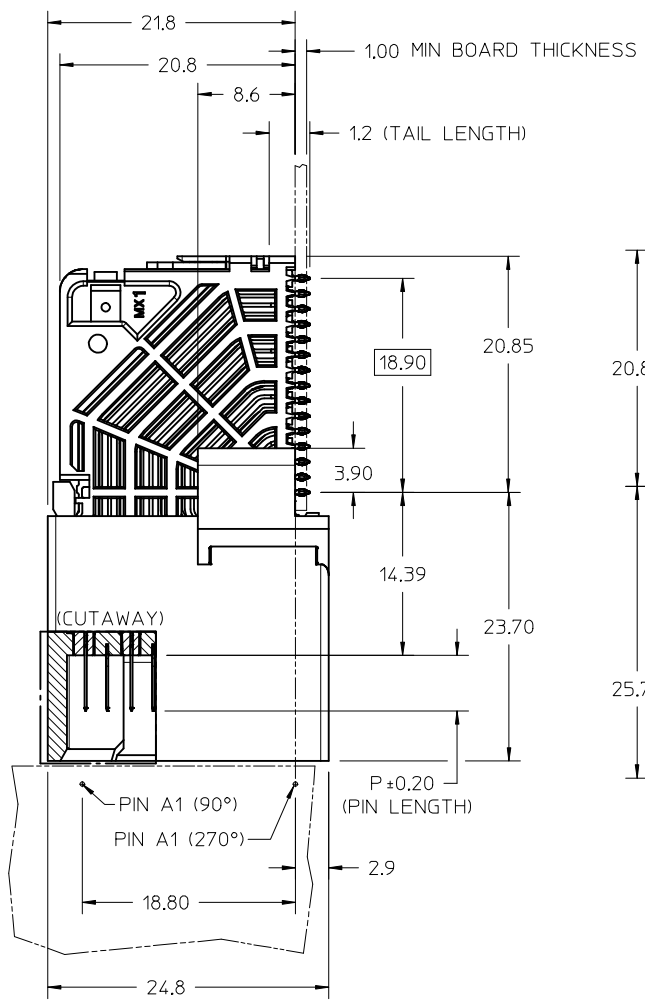
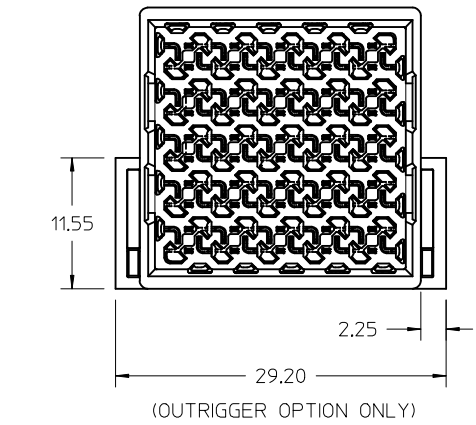
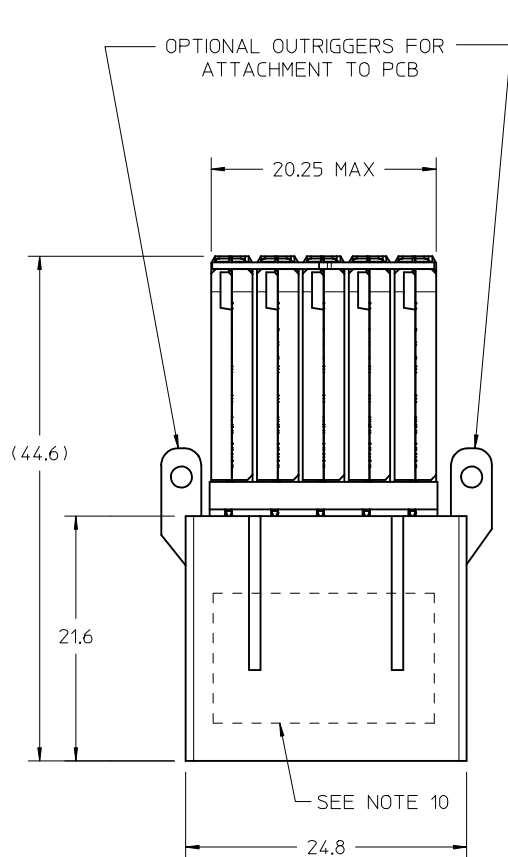
APPR: TELO 2016/01/10

D-SIZE 76560

SEE TABLE

GENERAL MARKET

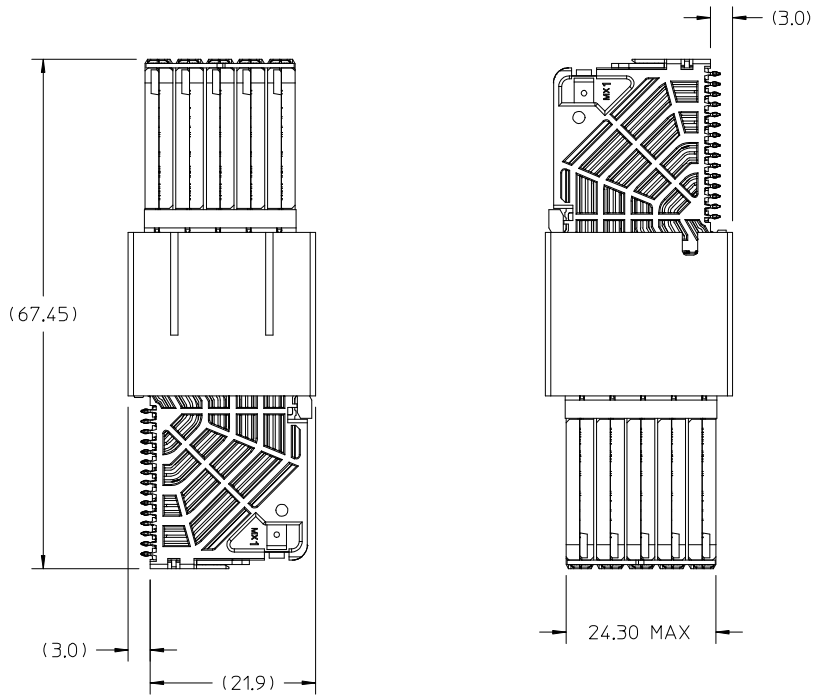
2 OF 2



OD-RAM HOLE PATTERN  
(CONNECTOR SIDE)

|                                                                                                                                       |                                                  |                                                            |           |                            |                                                                                                                               |                    |                                                                                    |                             |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|------------------------------------------------------------|-----------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------------------------------------------------------------------------|-----------------------------|--|--|
| UPDATE TP. LASER MARK<br>EC NO: UCP2016-3973<br>DRWN: DVARVARA 2015/08/24<br>CHKD: TELO 2016/02/22<br>APPR: TELO 2016/04/20<br><br>A2 | DESCRIPTION<br><br>QUALITY SYMBOLS<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |           | DIMENSION STYLE<br>MM ONLY |                                                                                                                               | SCALE<br>3:1       | DESIGN UNITS<br>METRIC                                                             | THIRD ANGLE PROJECTION<br>⊕ |  |  |
|                                                                                                                                       |                                                  |                                                            | mm        | INCH                       | DRAWN BY<br>JMENDOZA                                                                                                          | DATE<br>2011/04/11 | TITLE<br>IMPACT ORTHOGONAL DIRECT<br>5 PAIR RAM ASSEMBLY<br>UNGUIDED SALES DRAWING |                             |  |  |
|                                                                                                                                       |                                                  | 4 PLACES                                                   | ± ---     | ± ---                      | CHECKED BY<br>JB INGHAM                                                                                                       | DATE<br>2011/04/12 |                                                                                    |                             |  |  |
|                                                                                                                                       |                                                  | 3 PLACES                                                   | ± ---     | ± ---                      | APPROVED BY<br>JB INGHAM                                                                                                      | DATE<br>2011/04/21 | MOLEX INCORPORATED                                                                 |                             |  |  |
|                                                                                                                                       |                                                  | 2 PLACES                                                   | ± 0.13    | ± ---                      | MATERIAL NO.<br>SEE CHART                                                                                                     |                    |                                                                                    |                             |  |  |
| 1 PLACE                                                                                                                               | ± 0.25                                           | ± ---                                                      | SIZE<br>C |                            | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                    |                                                                                    |                             |  |  |
| REV                                                                                                                                   |                                                  | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |           |                            |                                                                                                                               |                    |                                                                                    |                             |  |  |

| MATERIAL NUMBER | # OF COLUMNS | # OF DIFF PAIR | DIM P | PTH $\phi$      |
|-----------------|--------------|----------------|-------|-----------------|
| 76725-11*4      | 10           | 50             | 4.90  | 0.46 $\pm$ 0.05 |
| 76725-11*5      | 10           | 50             | 5.50  | 0.46 $\pm$ 0.05 |
| 76725-11*7      | 10           | 50             | 4.90  | 0.39 $\pm$ 0.05 |
| 76725-11*8      | 10           | 50             | 5.50  | 0.39 $\pm$ 0.05 |

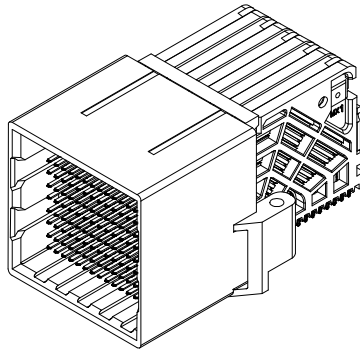


|              |                   |                        |
|--------------|-------------------|------------------------|
| 76725-11**   |                   | PIN LENGTH (P)         |
| MODULE TYPE  | 1 = UNGUIDED, TIN | 4 = 4.90 (0.46 PTH)    |
|              |                   | 5 = 5.50 (0.46 PTH)    |
|              |                   | 7 = 4.90 (0.39 PTH)    |
|              |                   | 8 = 5.50 (0.39 PTH)    |
| # OF COLUMNS | 1 = 10 COLUMN     | HOUSING OPTIONS        |
|              |                   | 1 = WITH OUTRIGGERS    |
|              |                   | 2 = WITHOUT OUTRIGGERS |

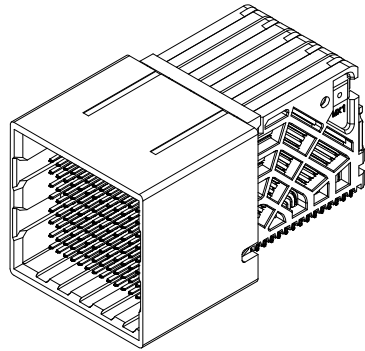
MATED DIMENSIONS  
(POSITION 270° SHOWN, WITHOUT OUTRIGGERS)

NOTES:

1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)  
GLASS-FILLED, UL94V-0  
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 30 $\mu$  MIN GOLD IN CONTACT AREA.  
SELECTIVE TIN ON PCB TAILS.  
NICKEL OVERALL.
3. REFER TO MOLEX PRODUCT SPECIFICATION PS-76060-999  
FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL PCB INFORMATION.
4. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF  
COSMETIC SPEC PS-45499-002.
5. PACKAGE PER: PK-70873-8010.
6. SEE SHEET 3 AND 4 FOR ORTHOGONAL PIN MAPPING.
7. REFER TO MOLEX SALES DRAWING SD-76990-001 FOR THE MATING RECEPTACLES.
8. REFER TO MOLEX ROUTING GUIDE AS-76850-990 FOR ADDITIONAL PCB LAYOUT  
AND ROUTING RECOMMENDATIONS.
9. CONNECTORS WITH OUTRIGGERS ARE SUPPLIED WITH TWO 2-32 THREAD  
FORMING SCREWS.
10. MARKING: LOCATED APPROXIMATELY AS SHOWN, ON BOTTOM OR TOP OF THE  
HOUSING. PART NUMBER AND DATE CODE.



OD-RAM WITH OUTRIGGERS

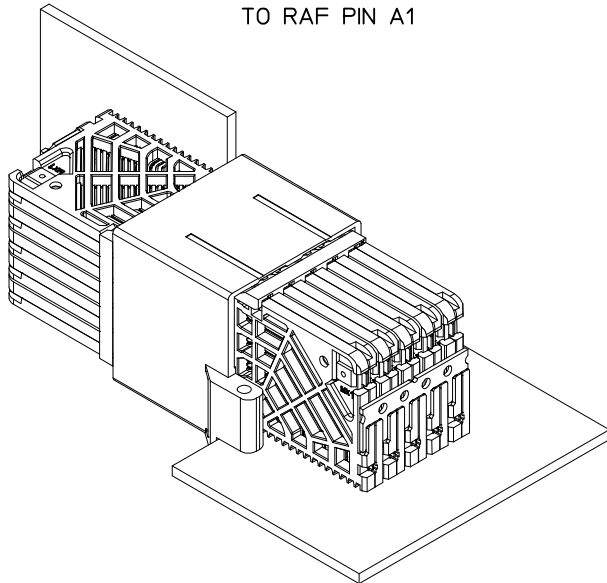


OD-RAM WITHOUT OUTRIGGERS

|                                                                                                                |     |             |                                   |                                                                                                                                                                                                                                          |                                                                                                                                                                                         |                                                                         |                                                                                                                                  |                              |                     |
|----------------------------------------------------------------------------------------------------------------|-----|-------------|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------------|---------------------|
| SEE SHEET 1<br>EC NO: UCP2016-3973<br>DRWN:DVARVARA 2015/08/24<br>CHKD:TELO 2016/02/22<br>APPR:TELO 2016/04/20 | REV | DESCRIPTION | QUALITY SYMBOLS<br><br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)<br><br>mm INCH<br>4 PLACES ± --- ± ---<br>3 PLACES ± --- ± ---<br>2 PLACES ± 0.13 ± ---<br>1 PLACE ± 0.25 ± ---<br>ANGULAR ±1/2°<br><br>DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS | DIMENSION STYLE<br>MM ONLY<br>DRAWN BY DATE<br>JMENDOZA 2011/04/11<br>CHECKED BY DATE<br>JB INGHAM 2011/04/12<br>APPROVED BY DATE<br>JB INGHAM 2011/04/21<br>MATERIAL NO.<br><br>SIZE C | SCALE<br>2:1<br>DESIGN UNITS<br>METRIC<br><br>THIRD ANGLE<br>PROJECTION | TITLE<br>IMPACT ORTHOGONAL DIRECT<br>5 PAIR RAM ASSEMBLY<br>UNGUIDED SALES DRAWING<br><br>MOLEX MOLEX INCORPORATED               | DOCUMENT NO.<br>SD-76725-001 | SHEET NO.<br>2 OF 4 |
|                                                                                                                |     |             |                                   |                                                                                                                                                                                                                                          |                                                                                                                                                                                         |                                                                         |                                                                                                                                  |                              |                     |
|                                                                                                                |     |             |                                   |                                                                                                                                                                                                                                          |                                                                                                                                                                                         |                                                                         |                                                                                                                                  |                              |                     |
|                                                                                                                |     |             |                                   |                                                                                                                                                                                                                                          |                                                                                                                                                                                         |                                                                         |                                                                                                                                  |                              |                     |
|                                                                                                                |     |             |                                   |                                                                                                                                                                                                                                          |                                                                                                                                                                                         |                                                                         |                                                                                                                                  |                              |                     |
| A2                                                                                                             |     |             |                                   |                                                                                                                                                                                                                                          |                                                                                                                                                                                         |                                                                         | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                              |                     |

# ORTHO POSITION 270°

OD-RAM PIN A1 MAPS  
TO RAF PIN A1



## ORTHO PIN MAPPING

### OPTION 270 (NEARSIDE - FARSIDE)

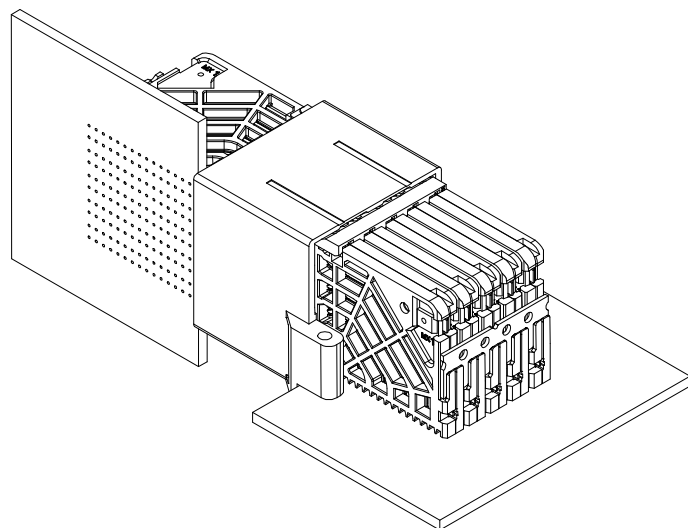
|         |          |         |          |         |          |         |          |         |           |
|---------|----------|---------|----------|---------|----------|---------|----------|---------|-----------|
| (A1-A1) | A2-B1    | (A3-D1) | A4-E1    | (A5-G1) | A6-H1    | (A7-K1) | A8-L1    | (A9-N1) | A10-P1    |
| B1-A2   | B2-C1    | B3-D2   | B4-F1    | B5-G2   | B6-J1    | B7-K2   | B8-M1    | B9-N2   | B10-O1    |
| C1-B2   | (C2-C2)  | C3-E2   | (C4-F2)  | C5-H2   | (C6-J2)  | C7-L2   | (C8-M2)  | C9-P2   | (C10-Q2)  |
| (D1-A3) | D2-B3    | (D3-D3) | D4-E3    | (D5-G3) | D6-H3    | (D7-K3) | D8-L3    | (D9-N3) | D10-P3    |
| E1-A4   | E2-C3    | E3-D4   | E4-F3    | E5-G4   | E6-J3    | E7-K4   | E8-M3    | E9-N4   | E10-Q3    |
| F1-B4   | (F2-C4)  | F3-E4   | (F4-F4)  | F5-H4   | (F6-J4)  | F7-L4   | (F8-M4)  | F9-P4   | (F10-Q4)  |
| (G1-A5) | G2-B5    | (G3-D5) | G4-E5    | (G5-G5) | G6-H5    | (G7-K5) | G8-L5    | (G9-N5) | G10-P5    |
| H1-A6   | H2-C5    | H3-D6   | H4-F5    | H5-G6   | H6-J5    | H7-K6   | H8-M5    | H9-N6   | H10-Q5    |
| J1-B6   | (J2-C6)  | J3-E6   | (J4-F6)  | J5-H6   | (J6-J6)  | J7-L6   | (J8-M6)  | J9-P6   | (J10-Q6)  |
| (K1-A7) | K2-B7    | (K3-D7) | K4-E7    | (K5-G7) | K6-H7    | (K7-K7) | K8-L7    | (K9-N7) | K10-P7    |
| L1-A8   | L2-C7    | L3-D8   | L4-F7    | L5-G8   | L6-J7    | L7-K8   | L8-M7    | L9-N8   | L10-Q7    |
| M1-B8   | (M2-C8)  | M3-E8   | (M4-F8)  | M5-H8   | (M6-J8)  | M7-L8   | (M8-M8)  | M9-P8   | (M10-Q8)  |
| (N1-A9) | N2-B9    | (N3-D9) | N4-E9    | (N5-G9) | N6-H9    | (N7-K9) | N8-L9    | (N9-N9) | N10-P9    |
| P1-A10  | P2-C9    | P3-D10  | P4-F9    | P5-G10  | P6-J9    | P7-K10  | P8-M9    | P9-N10  | P10-Q9    |
| Q1-B10  | (Q2-C10) | Q3-E10  | (Q4-F10) | Q5-H10  | (Q6-J10) | Q7-L10  | (Q8-M10) | Q9-P10  | (Q10-Q10) |

NOTE: PINOUTS SHOWN IN BALLOONS ARE GROUNDS.  
GROUND PATHS ARE NOT DISCRETE CIRCUITS.

| <b>SEE SHEET 1</b><br>EC NO: UCP2016-3973<br>DRWN: DVARVARA 2015/08/24<br>CHKD: TELO 2016/02/22<br>APPR: TELO 2016/04/20 | QUALITY SYMBOLS<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)<br><table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± .---</td> <td>± .---</td> </tr> <tr> <td>3 PLACES</td> <td>± .---</td> <td>± .---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± .---</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± .---</td> </tr> </table> |                                     | mm                         | INCH | 4 PLACES | ± .--- | ± .--- | 3 PLACES | ± .--- | ± .--- | 2 PLACES | ± 0.13 | ± .--- | 1 PLACE | ± 0.25 | ± .--- | DIMENSION STYLE<br><b>MM ONLY</b> | SCALE<br><b>2:1</b> | DESIGN UNITS<br><b>METRIC</b> | THIRD ANGLE PROJECTION |
|--------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----------------------------|------|----------|--------|--------|----------|--------|--------|----------|--------|--------|---------|--------|--------|-----------------------------------|---------------------|-------------------------------|------------------------|
|                                                                                                                          |                               | mm                                                                                                                                                                                                                                                                                                                                                                     | INCH                                |                            |      |          |        |        |          |        |        |          |        |        |         |        |        |                                   |                     |                               |                        |
|                                                                                                                          | 4 PLACES                      | ± .---                                                                                                                                                                                                                                                                                                                                                                 | ± .---                              |                            |      |          |        |        |          |        |        |          |        |        |         |        |        |                                   |                     |                               |                        |
|                                                                                                                          | 3 PLACES                      | ± .---                                                                                                                                                                                                                                                                                                                                                                 | ± .---                              |                            |      |          |        |        |          |        |        |          |        |        |         |        |        |                                   |                     |                               |                        |
| 2 PLACES                                                                                                                 | ± 0.13                        | ± .---                                                                                                                                                                                                                                                                                                                                                                 |                                     |                            |      |          |        |        |          |        |        |          |        |        |         |        |        |                                   |                     |                               |                        |
| 1 PLACE                                                                                                                  | ± 0.25                        | ± .---                                                                                                                                                                                                                                                                                                                                                                 |                                     |                            |      |          |        |        |          |        |        |          |        |        |         |        |        |                                   |                     |                               |                        |
| DRAWN BY<br>JMENDOZA                                                                                                     | DATE<br>2011/04/11            | TITLE<br><b>IMPACT ORTHOGONAL DIRECT<br/>5 PAIR RAM ASSEMBLY<br/>UNGUIDED SALES DRAWING</b>                                                                                                                                                                                                                                                                            |                                     |                            |      |          |        |        |          |        |        |          |        |        |         |        |        |                                   |                     |                               |                        |
| CHECKED BY<br>JB INGHAM                                                                                                  | DATE<br>2011/04/12            | MOLEX INCORPORATED                                                                                                                                                                                                                                                                                                                                                     |                                     |                            |      |          |        |        |          |        |        |          |        |        |         |        |        |                                   |                     |                               |                        |
| APPROVED BY<br>JB INGHAM                                                                                                 | DATE<br>2011/04/21            | MATERIAL NO.<br><b>SEE CHART</b>                                                                                                                                                                                                                                                                                                                                       | DOCUMENT NO.<br><b>SD-76725-001</b> | SHEET NO.<br><b>3 OF 4</b> |      |          |        |        |          |        |        |          |        |        |         |        |        |                                   |                     |                               |                        |

# ORTHO POSITION 90°

OD-RAM PIN A1 MAPS  
TO RAF PIN Q10



## ORTHO PIN MAPPING

### OPTION 90 (NEARSIDE - FAR SIDE)

|          |         |          |         |          |         |          |         |          |          |
|----------|---------|----------|---------|----------|---------|----------|---------|----------|----------|
| (A1-Q10) | A2-P10  | (A3-M10) | A4-L10  | (A5-J10) | A6-H10  | (A7-F10) | A8-E10  | (A9-C10) | A10-B10  |
| B1-Q9    | B2-N10  | B3-M9    | B4-K10  | B5-J9    | B6-G10  | B7-F9    | B8-D10  | B9-C9    | B10-A10  |
| C1-P9    | (C2-N9) | C3-L9    | (C4-K9) | C5-H9    | (C6-G9) | C7-E9    | (C8-D9) | C9-B9    | (C10-A9) |
| (D1-Q8)  | D2-P8   | (D3-M8)  | D4-L8   | (D5-J8)  | D6-H8   | (D7-F8)  | D8-E8   | (D9-C8)  | D10-B8   |
| E1-Q7    | E2-N8   | E3-M7    | E4-K8   | E5-J7    | E6-G8   | E7-F7    | E8-D8   | E9-C7    | E10-A8   |
| F1-P7    | (F2-N7) | F3-L7    | (F4-K7) | F5-H7    | (F6-G7) | F7-E7    | (F8-D7) | F9-B7    | (F10-A7) |
| (G1-Q6)  | G2-P6   | (G3-M6)  | G4-L6   | (G5-J6)  | G6-H6   | (G7-F6)  | G8-E6   | (G9-C6)  | G10-B6   |
| H1-Q5    | H2-N6   | H3-M5    | H4-K6   | H5-J5    | H6-G6   | H7-F5    | H8-D6   | H9-C5    | H10-A6   |
| J1-P5    | (J2-N5) | J3-L5    | (J4-K5) | J5-H5    | (J6-G5) | J7-E5    | (J8-D5) | J9-B5    | (J10-A5) |
| (K1-Q4)  | K2-P4   | (K3-M4)  | K4-L4   | (K5-J4)  | K6-H4   | (K7-F4)  | K8-E4   | (K9-C4)  | K10-B4   |
| L1-Q3    | L2-N4   | L3-M3    | L4-K4   | L5-J3    | L6-G4   | L7-F3    | L8-D4   | L9-C3    | L10-A4   |
| M1-P3    | (M2-N3) | M3-L3    | (M4-K3) | M5-H3    | (M6-G3) | M7-E3    | (M8-D3) | M9-B3    | (M10-A3) |
| (N1-Q2)  | N2-P2   | (N3-M2)  | N4-L2   | (N5-J2)  | N6-H2   | (N7-F2)  | N8-E2   | (N9-C2)  | N10-B2   |
| P1-Q1    | P2-N2   | P3-M1    | P4-K2   | P5-J1    | P6-G2   | P7-F1    | P8-D2   | P9-C1    | P10-A2   |
| Q1-P1    | (Q2-N1) | Q3-L1    | (Q4-K1) | Q5-H1    | (Q6-G1) | Q7-E1    | (Q8-D1) | Q9-B1    | (Q10-A1) |

NOTE: PINOUTS SHOWN IN BALLOONS ARE GROUNDS.  
GROUND PATHS ARE NOT DISCRETE CIRCUITS.

|                                                                                                                      |             |                 |                                                            |        |                                                                                                                                  |                            |                    |                                                                                    |                        |                                                                                                                 |  |  |  |
|----------------------------------------------------------------------------------------------------------------------|-------------|-----------------|------------------------------------------------------------|--------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------|------------------------------------------------------------------------------------|------------------------|-----------------------------------------------------------------------------------------------------------------|--|--|--|
| SEE SHEET 1<br>EC NO: UCP2016-3973<br>DRWNG:VARVARA 2015/08/24<br>CHKD:TELO 2016/02/22<br>APPR:TELO 2016/04/20<br>A2 | DESCRIPTION | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |        |                                                                                                                                  | DIMENSION STYLE<br>MM ONLY |                    | SCALE<br>2:1                                                                       | DESIGN UNITS<br>METRIC |  THIRD ANGLE<br>PROJECTION |  |  |  |
|                                                                                                                      |             |                 |                                                            | mm     | INCH                                                                                                                             | DRAWN BY<br>JMENDOZA       | DATE<br>2011/04/11 | TITLE<br>IMPACT ORTHOGONAL DIRECT<br>5 PAIR RAM ASSEMBLY<br>UNGUIDED SALES DRAWING |                        |                                                                                                                 |  |  |  |
|                                                                                                                      |             |                 | 4 PLACES                                                   | ± ---  | ± ---                                                                                                                            | CHECKED BY<br>JB INGHAM    | DATE<br>2011/04/12 |                                                                                    |                        |                                                                                                                 |  |  |  |
|                                                                                                                      |             |                 | 3 PLACES                                                   | ± ---  | ± ---                                                                                                                            | APPROVED BY<br>JB INGHAM   | DATE<br>2011/04/21 |                                                                                    |                        |                                                                                                                 |  |  |  |
|                                                                                                                      |             |                 | 2 PLACES                                                   | ± 0.13 | ± ---                                                                                                                            | MATERIAL NO.               |                    | DOCUMENT NO.<br>SD-76725-001                                                       |                        | SHEET NO.<br>4 OF 4                                                                                             |  |  |  |
|                                                                                                                      |             |                 | 1 PLACE                                                    | ± 0.25 | ± ---                                                                                                                            |                            |                    |                                                                                    |                        |                                                                                                                 |  |  |  |
|                                                                                                                      |             |                 | ANGULAR ±1/2°                                              |        |                                                                                                                                  | SEE CHART                  |                    |                                                                                    |                        |                                                                                                                 |  |  |  |
|                                                                                                                      |             |                 | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |        |                                                                                                                                  |                            |                    |                                                                                    |                        |                                                                                                                 |  |  |  |
|                                                                                                                      |             |                 | REV                                                        | C      | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                            |                    |                                                                                    |                        |                                                                                                                 |  |  |  |
|                                                                                                                      |             |                 |                                                            |        |                                                                                                                                  |                            |                    |                                                                                    |                        |                                                                                                                 |  |  |  |