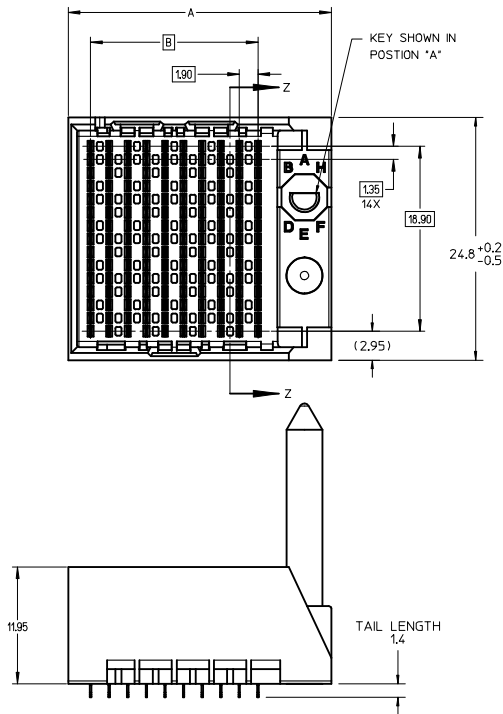
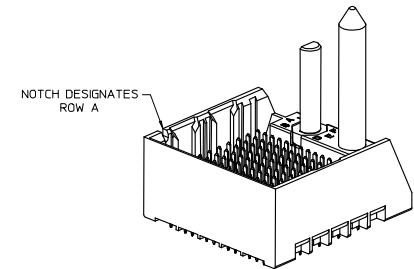
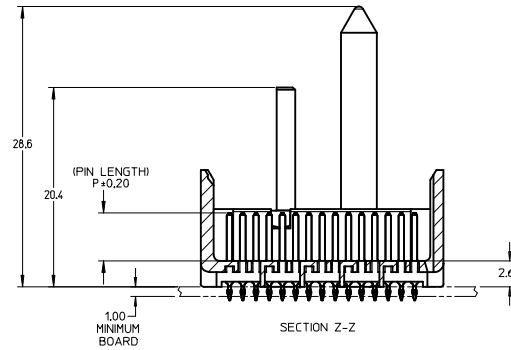
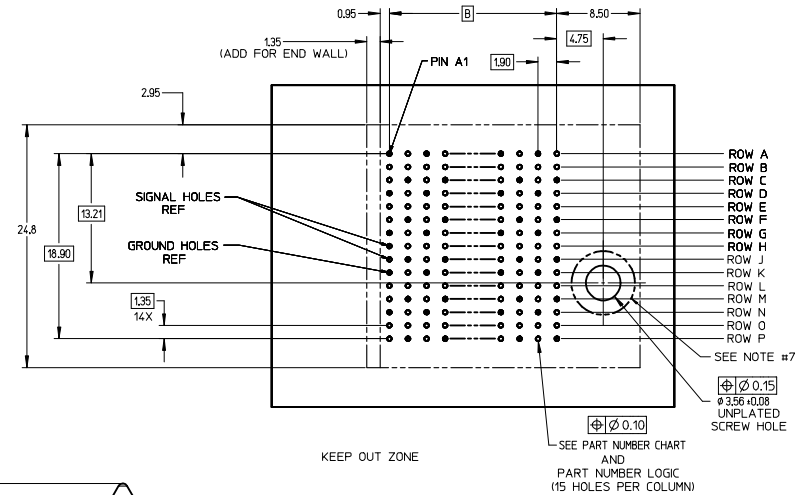




#### NOTES:

1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)  
GLASS-FILLED, UL94V-0  
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 30µ 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  
MOLEX COSMETIC SPEC PS-45499-002.
5. PACKAGE PER: PK-70873-759.
6. SEE SHEETS 2 & 3 FOR PART NUMBERS AND BOARD RELATIONSHIPS.
7. FOR GROUNDED GUIDE PINS USE DIA. 3.56 +/-0.08 (PTH)  
DIA. 3.66 (DRILL) AND DIA 6.5 (PAD).
8. MATES WITH IMPACT DC SERIES NO. 76060.
9. KEEP OUT ZONE FOR BP HOUSING LENGTH INCLUDES AN ADDITIONAL 10MM  
TO ACCOMMODATE FOR SPACE REQUIRED BY DC FRONT HOUSING.
10. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING RECOMMENDATIONS.
11. CONNECTORS SUPPLIED WITH A 2-56 UNC-2A SCREW.
12. \*THESE DIMENSIONS REPRESENT THE AREA NEEDED TO ACCOMMODATE CONNECTOR INSERTION AND REPAIR  
ON THE PC BOARD. THIS IS REFERRED TO AS THE "CONNECTOR KEEP OUT ZONE" AND DOES NOT  
REPRESENT THE ACTUAL PERIMETER OF THE CONNECTOR. WHEN LAYING OUT A PC BOARD FOR CONNECTORS  
STACKED TOGETHER, USE A 1.9mm PROGRESSION.\*



|                                                                                                                                   |             |                 |                                       |                                                      |                 |             |            |                                                                                                                                                     |                                                                                                              |  |
|-----------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------|---------------------------------------|------------------------------------------------------|-----------------|-------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--|
| CONVERT TO LEAD-FREE<br>EC NO: UCP2013-2078<br>DATE: 11/26/2012<br>DRAWN: TIBARRA<br>CHKD: BINGHAM<br>APPR: SHILLER<br>2012/12/31 |             | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) |                                                      | DIMENSION STYLE |             | SCALE      | DESIGN UNITS                                                                                                                                        | THIRD ANGLE PROJECTION                                                                                       |  |
|                                                                                                                                   |             |                 |                                       |                                                      | MM ONLY         |             | 4:1        | METRIC                                                                                                                                              |  THIRD ANGLE PROJECTION |  |
| REV                                                                                                                               | DESCRIPTION | ▽=0             |                                       | mm                                                   | INCH            | DRAWN BY    | DATE       | TITLE<br>IMPACT 5 PAIR HEADER<br>RIGHT GUIDED ASSEMBLY<br>SALES DRAWING<br><br><b>molex</b><br><br>MATERIAL NO. SEE TABLE DOCUMENT NO. SD-76055-003 |                                                                                                              |  |
|                                                                                                                                   |             | ▽=0             | 4 PLACES                              | ±                                                    | ±               | MSANDBERG   | 05/24/2007 |                                                                                                                                                     |                                                                                                              |  |
|                                                                                                                                   |             | ▽=0             | 3 PLACES                              | ±                                                    | ±               | CHECKED BY  | DATE       |                                                                                                                                                     |                                                                                                              |  |
|                                                                                                                                   |             | ▽=0             | 2 PLACES                              | ±0.13                                                | ±               | JLAURX      | 05/24/2007 |                                                                                                                                                     |                                                                                                              |  |
|                                                                                                                                   |             | ▽=0             | 1 PLACE                               | ±0.25                                                | ±               | APPROVED BY | DATE       |                                                                                                                                                     |                                                                                                              |  |
|                                                                                                                                   |             | ▽=0             | 0 PLACE                               | ±                                                    | ±               | JLAURX      | 2010/10/15 | SHEET NO. 1 OF 3                                                                                                                                    |                                                                                                              |  |
|                                                                                                                                   |             | ANGULAR ±1/2°   |                                       | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                 | SIZE D      |            | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION                       |                                                                                                              |  |

## PART NUMBER LOGIC

76055-\*\*\*\*

MODULE TYPE

5 = GUIDE RIGHT, TIN

9 = GUIDE RIGHT END WALL, TIN

PIN LENGTH (P)

3 = 4.50 (SHORT COMPLIANT, 0.46±0.05 PTH)

4 = 4.90 (SHORT COMPLIANT, 0.46±0.05 PTH)

5 = 5.50 (SHORT COMPLIANT, 0.46±0.05 PTH)

6 = 4.50 (MICRO COMPLIANT, 0.39±0.05 PTH)

7 = 4.90 (MICRO COMPLIANT, 0.39±0.05 PTH)

8 = 5.50 (MICRO COMPLIANT, 0.39±0.05 PTH)

KEY ORIENTATION

0 = NO KEY

1 = A

2 = B

3 = C

4 = D

5 = E

6 = F

7 = G

8 = H

# OF COLUMNS

1 = 10 COL

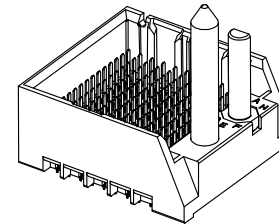
2 = 12 COL

6 = 16 COL

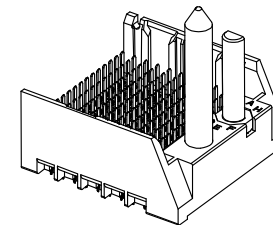
7 = 14 COL

## PART NUMBER TABLE

| MATERIAL NUMBER | # OF COLUMNS | # OF DIFF PAIR | DIM "A" | DIM "B" | GUIDE RIGHT<br>END WALL<br>OPTION |
|-----------------|--------------|----------------|---------|---------|-----------------------------------|
| 76055-*1**      | 10           | 50             | 26.9    | 17.10   |                                   |
| 76055-*2**      | 12           | 60             | 30.7    | 20.90   |                                   |
| 76055-*7**      | 14           | 70             | 34.5    | 24.70   |                                   |
| 76055-*6**      | 16           | 80             | 38.3    | 28.50   |                                   |

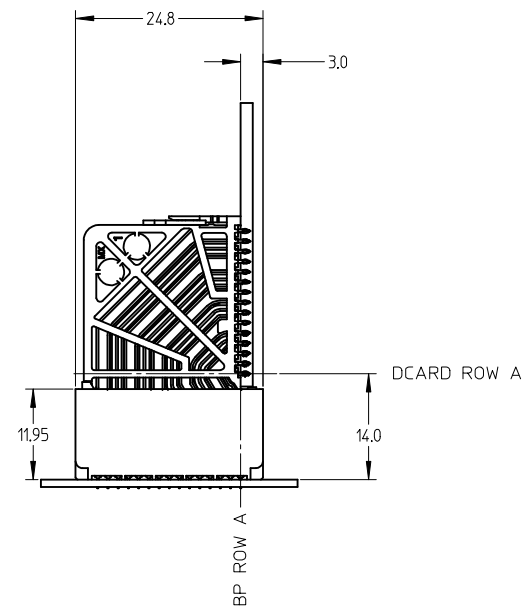
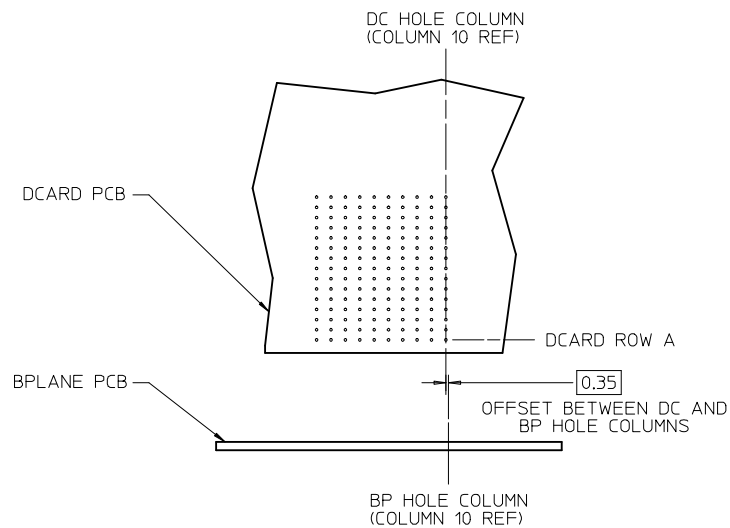
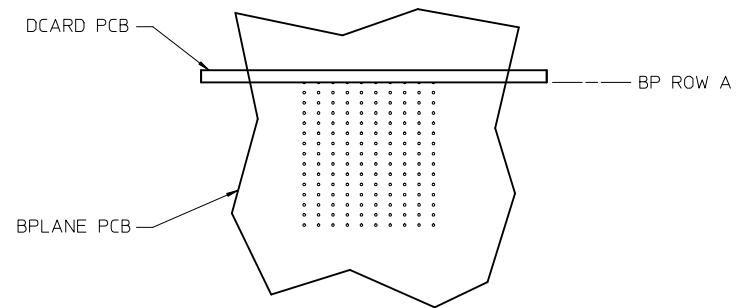
GUIDE RIGHT  
END WALL OPTION

| MATERIAL NUMBER | # OF COLUMNS | # OF DIFF PAIR | DIM "A" | DIM "B" | GUIDE RIGHT<br>OPEN WALL<br>OPTION |
|-----------------|--------------|----------------|---------|---------|------------------------------------|
| 76055-*1**      | 10           | 50             | 25.5    | 17.10   |                                    |
| 76055-*2**      | 12           | 60             | 29.3    | 20.90   |                                    |
| 76055-*7**      | 14           | 70             | 33.1    | 24.70   |                                    |
| 76055-*6**      | 16           | 80             | 36.9    | 28.50   |                                    |

GUIDE RIGHT  
OPEN WALL OPTION

|                                                                                                                          |             |                                                                 |                                                            |       |                            |                       |                                                                                                                               |                                                                                         |                           |
|--------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------------------------------------|------------------------------------------------------------|-------|----------------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------|
| SEE SHEET 1<br>EC NO: UCP2013-2078<br>DRWN: TIBARRA 2012/11/26<br>CHKD: J.BINGHAM 2012/12/18<br>APPR: SMILLER 2012/12/31 | DESCRIPTION | QUALITY SYMBOLS<br><div>▽=0</div> <div>▽=0</div> <div>▽=0</div> | 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>MSANDBERG | DATE<br>05/24/2007                                                                                                            | TITLE<br>IMPACT 5 PAIR HEADER<br>RIGHT GUIDED ASSEMBLY<br>SALES DRAWING<br><b>molex</b> | SHEET NO.<br>2 OF 3       |
|                                                                                                                          |             |                                                                 | 4 PLACES ± ---                                             | ± --- | CHECKED BY<br>JLAURX       | DATE<br>05/24/2007    |                                                                                                                               |                                                                                         |                           |
|                                                                                                                          |             |                                                                 | 3 PLACES ± ---                                             | ± --- | APPROVED BY<br>JLAURX      | DATE<br>2010/10/15    |                                                                                                                               |                                                                                         |                           |
|                                                                                                                          |             |                                                                 | 2 PLACES ± 0.13                                            | ± --- | MATERIAL NO.               | DOCUMENT NO.          |                                                                                                                               |                                                                                         |                           |
|                                                                                                                          |             |                                                                 | 1 PLACE ± 0.25                                             | ± --- | SEE TABLE                  |                       | SD-76055-003                                                                                                                  |                                                                                         |                           |
|                                                                                                                          |             |                                                                 | 0 PLACE ±                                                  | ±     | SIZE C                     |                       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                                         |                           |
|                                                                                                                          |             |                                                                 | ANGULAR ±1/2°                                              |       |                            |                       |                                                                                                                               |                                                                                         |                           |
|                                                                                                                          |             |                                                                 | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |       |                            |                       |                                                                                                                               |                                                                                         |                           |

IMPACT 5 PAIR  
BOARD RELATIONSHIPS



|                                                                                                                       |                         |                                      |                                                            |        |       |                                     |                    |                                                                                                                                  |                        |                           |                                                                                                                                                        |              |  |  |
|-----------------------------------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|------------------------------------------------------------|--------|-------|-------------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--|--|
| SEE SHEET 1<br>EC NO: UCP2013-2078<br>DRWN: TIBARRA 2012/11/26<br>CHKD: BINGHAM 2012/12/18<br>APPR: MILLER 2012/12/31 | DESCRIPTION<br>REV<br>J | QUALITY SYMBOLS<br>▽=0<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |        |       | DIMENSION STYLE<br>MM ONLY          |                    | SCALE<br>2:1                                                                                                                     | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION | TITLE<br>IMPACT 5 PAIR HEADER<br>RIGHT GUIDED ASSEMBLY<br>SALES DRAWING<br><b>molex</b><br><br>DOCUMENT NO.<br>SD-76055-003<br><br>SHEET NO.<br>3 OF 3 |              |  |  |
|                                                                                                                       |                         |                                      |                                                            | mm     | INCH  | DRAWN BY<br>MSANDBERG               | DATE<br>05/24/2007 | CHECKED BY<br>JLAURX<br>05/24/2007                                                                                               |                        |                           |                                                                                                                                                        |              |  |  |
|                                                                                                                       |                         |                                      | 4 PLACES                                                   | ± ---  | ± --- |                                     |                    |                                                                                                                                  |                        |                           |                                                                                                                                                        |              |  |  |
|                                                                                                                       |                         |                                      | 3 PLACES                                                   | ± ---  | ± --- | APPROVED BY<br>JLAURX<br>2010/10/15 |                    | MATERIAL NO.                                                                                                                     |                        |                           |                                                                                                                                                        |              |  |  |
|                                                                                                                       |                         |                                      | 2 PLACES                                                   | ± 0.13 | ± --- |                                     |                    |                                                                                                                                  |                        |                           |                                                                                                                                                        |              |  |  |
|                                                                                                                       |                         |                                      | 1 PLACE                                                    | ± 0.25 | ± --- | SEE TABLE                           |                    |                                                                                                                                  |                        |                           |                                                                                                                                                        | SD-76055-003 |  |  |
|                                                                                                                       |                         |                                      | 0 PLACE                                                    | ±      | ±     |                                     |                    |                                                                                                                                  |                        |                           |                                                                                                                                                        |              |  |  |
|                                                                                                                       |                         |                                      | ANGULAR ±1/2°                                              |        |       |                                     |                    |                                                                                                                                  |                        |                           |                                                                                                                                                        |              |  |  |
|                                                                                                                       |                         |                                      | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |        |       | SIZE C                              |                    | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                        |                           |                                                                                                                                                        |              |  |  |