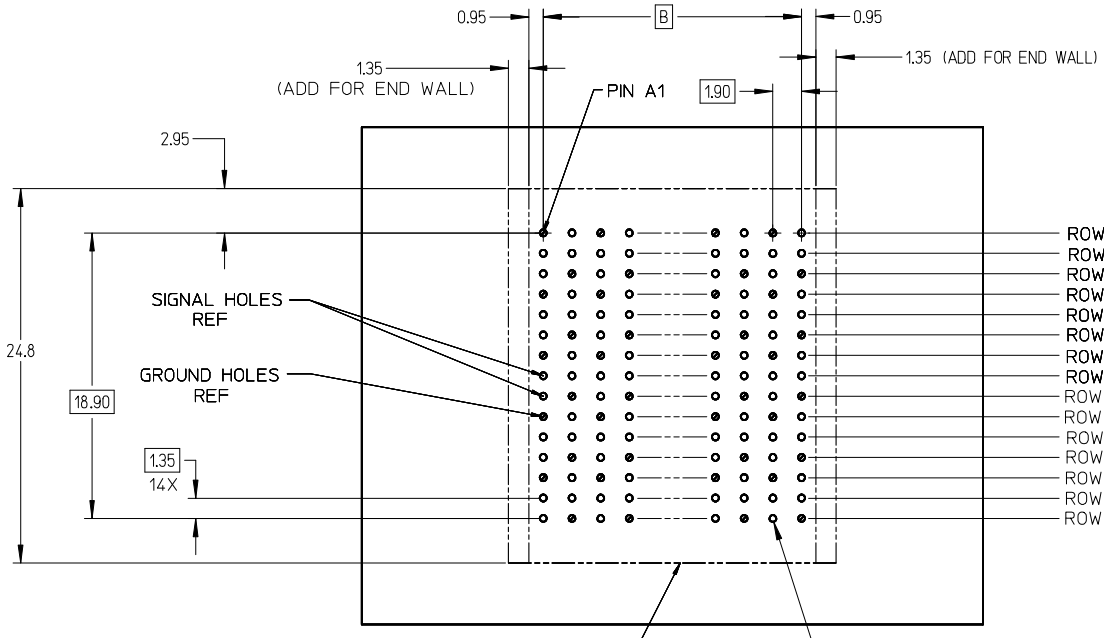
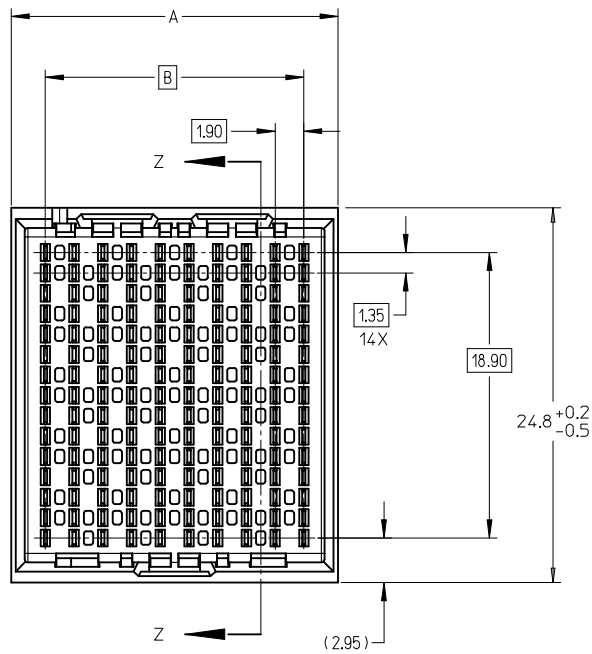
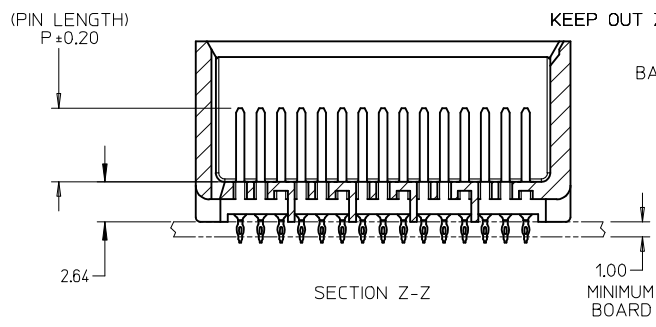
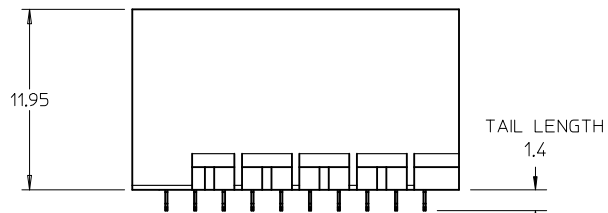
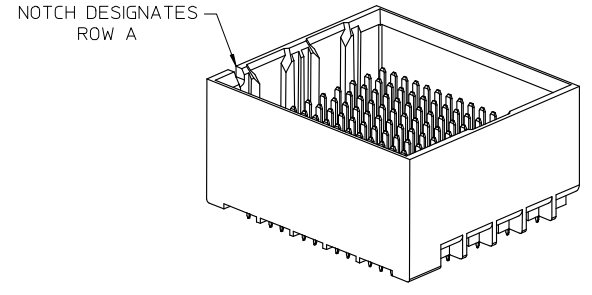




ROW A  
ROW B  
ROW C  
ROW D  
ROW E  
ROW F  
ROW G  
ROW H  
ROW J  
ROW K  
ROW L  
ROW M  
ROW N  
ROW O  
ROW P



KEEP OUT ZONE  
UNGUIDED  
BACKPLANE HOLE PATTERN  
(CONNECTOR SIDE)  
SEE NOTE 9



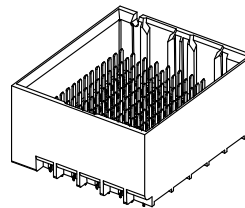
NOTES:

1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)  
GLASS-FILLED, UL94V-0  
TERMINALS - HIGH PERFORMANCE COPPER ALLOY  
SELECTIVE TIN ON PCB TAILS.  
NICKEL OVERALL.
2. FINISH: 30μ MIN GOLD IN CONTACT AREA.
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. PARTS PACKAGED PER PK-70873-7702.
6. SEE SHEETS 2 & 3 FOR PART NUMBERS AND BOARD RELATIONSHIPS.
7. MATES WITH IMPACT DC SERIES NO. 76060.
8. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND  
ROUTING RECOMMENDATIONS.
9. \*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 THE 1.9mm PROGRESSION."

|                                                                                                                                    |             |                                                                          |                                                            |        |                            |                       |                                                                                                                               |                                                                                         |                                                                                                              |              |  |           |  |
|------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------------------------------------------------------------|------------------------------------------------------------|--------|----------------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--------------|--|-----------|--|
| CONVERT TO LEAD-FREE<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><div>▽=0</div><div>▽=0</div><div>▽=0</div></div> | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |        | DIMENSION STYLE<br>MM ONLY |                       | SCALE<br>4:1                                                                                                                  | DESIGN UNITS<br>METRIC                                                                  |  THIRD ANGLE PROJECTION |              |  |           |  |
|                                                                                                                                    |             |                                                                          |                                                            | mm     | INCH                       | DRAWN BY<br>JLAURX    | DATE<br>2007/06/18                                                                                                            | TITLE<br>IMPACT 5 PAIR HEADER<br>UNGUIDED ASSEMBLY<br>SALES DRAWING<br><br><b>molex</b> |                                                                                                              |              |  |           |  |
|                                                                                                                                    |             |                                                                          | 4 PLACES                                                   | ± ---  | ± ---                      | CHECKED BY<br>JLAURX  | DATE<br>2007/06/18                                                                                                            |                                                                                         |                                                                                                              |              |  |           |  |
|                                                                                                                                    |             |                                                                          | 3 PLACES                                                   | ± ---  | ± ---                      | APPROVED BY<br>JLAURX | DATE<br>2010/10/15                                                                                                            |                                                                                         |                                                                                                              |              |  |           |  |
|                                                                                                                                    |             |                                                                          | 2 PLACES                                                   | ± 0.13 | ± ---                      |                       |                                                                                                                               |                                                                                         |                                                                                                              |              |  |           |  |
|                                                                                                                                    |             |                                                                          | 1 PLACE                                                    | ± 0.25 | ± ---                      |                       |                                                                                                                               |                                                                                         |                                                                                                              |              |  |           |  |
|                                                                                                                                    |             |                                                                          | 0 PLACE                                                    | ±      | ±                          | ANGULAR ±1/2°         |                                                                                                                               | MATERIAL NO.                                                                            |                                                                                                              | DOCUMENT NO. |  | SHEET NO. |  |
|                                                                                                                                    |             |                                                                          | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |        |                            | SEE TABLE             |                                                                                                                               | SD-76055-001                                                                            |                                                                                                              |              |  | 1 OF 3    |  |
|                                                                                                                                    |             |                                                                          |                                                            |        |                            | SIZE<br>C             | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                                         |                                                                                                              |              |  |           |  |

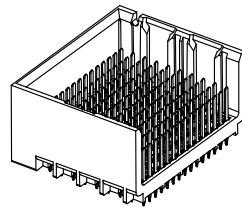
# PART NUMBER TABLE

| MATERIAL NUMBER      | # OF COLUMNS | # OF DIFF PAIR | DIM "A" | DIM "B" | DUAL<br>END WALL<br>OPTION |
|----------------------|--------------|----------------|---------|---------|----------------------------|
| 76055- $\ast 12\ast$ | 10           | 50             | 21.7    | 17.10   |                            |
| 76055- $\ast 22\ast$ | 12           | 60             | 25.5    | 20.90   |                            |
| 76055- $\ast 72\ast$ | 14           | 70             | 29.3    | 24.70   |                            |
| 76055- $\ast 62\ast$ | 16           | 80             | 33.1    | 28.50   |                            |



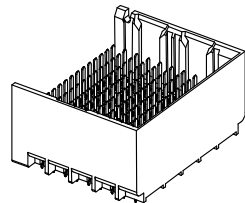
DUAL END  
WALL OPTION

| MATERIAL NUMBER      | # OF COLUMNS | # OF DIFF PAIR | DIM "A" | DIM "B" | LEFT<br>END WALL<br>OPTION |
|----------------------|--------------|----------------|---------|---------|----------------------------|
| 76055- $\ast 11\ast$ | 10           | 50             | 20.3    | 17.10   |                            |
| 76055- $\ast 21\ast$ | 12           | 60             | 24.1    | 20.90   |                            |
| 76055- $\ast 71\ast$ | 14           | 70             | 27.9    | 24.70   |                            |
| 76055- $\ast 61\ast$ | 16           | 80             | 31.7    | 28.50   |                            |



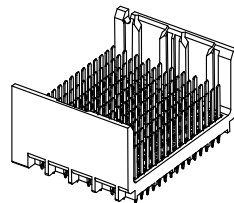
LEFT END  
WALL OPTION

| MATERIAL NUMBER      | # OF COLUMNS | # OF DIFF PAIR | DIM "A" | DIM "B" | RIGHT<br>END WALL<br>OPTION |
|----------------------|--------------|----------------|---------|---------|-----------------------------|
| 76055- $\ast 13\ast$ | 10           | 50             | 20.3    | 17.10   |                             |
| 76055- $\ast 23\ast$ | 12           | 60             | 24.1    | 20.90   |                             |
| 76055- $\ast 73\ast$ | 14           | 70             | 27.9    | 24.70   |                             |
| 76055- $\ast 63\ast$ | 16           | 80             | 31.7    | 28.50   |                             |



RIGHT END  
WALL OPTION

| MATERIAL NUMBER      | # OF COLUMNS | # OF DIFF PAIR | DIM "A" | DIM "B" | OPEN<br>WALL<br>OPTION |
|----------------------|--------------|----------------|---------|---------|------------------------|
| 76055- $\ast 10\ast$ | 10           | 50             | 18.9    | 17.10   |                        |
| 76055- $\ast 20\ast$ | 12           | 60             | 22.7    | 20.90   |                        |
| 76055- $\ast 70\ast$ | 14           | 70             | 26.5    | 24.70   |                        |
| 76055- $\ast 60\ast$ | 16           | 80             | 30.3    | 28.50   |                        |



OPEN  
WALL OPTION

|                                                                                                                                 |                 |                                       |  |                                                                                                                                       |  |                                                                                                 |                               |                        |  |
|---------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------|-------------------------------|------------------------|--|
| <b>SEE SHEET 1</b><br>EC NO: UCP2013-2078<br>DRWN: TIBARRA 2012/11/26<br>CHKD: JB INGHAM 2012/12/18<br>APPR: SMILLER 2012/12/31 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) |  | DIMENSION STYLE<br><b>MM ONLY</b>                                                                                                     |  | SCALE<br><b>2:1</b>                                                                             | DESIGN UNITS<br><b>METRIC</b> | THIRD ANGLE PROJECTION |  |
|                                                                                                                                 | <br><br>        | mm INCH                               |  | DRAWN BY DATE                                                                                                                         |  | <b>IMPACT 5 PAIR HEADER</b><br><b>UNGUIDED ASSEMBLY</b><br><b>SALES DRAWING</b><br><b>molex</b> |                               |                        |  |
|                                                                                                                                 |                 |                                       |  | JLAURX 2007/06/18                                                                                                                     |  |                                                                                                 |                               |                        |  |
|                                                                                                                                 |                 | 4 PLACES $\pm$ --- $\pm$ ---          |  | CHECKED BY DATE                                                                                                                       |  | <b>SD-76055-001</b><br>SHEET NO. 2 OF 3                                                         |                               |                        |  |
|                                                                                                                                 |                 | 3 PLACES $\pm$ --- $\pm$ ---          |  | JLAURX 2007/06/18                                                                                                                     |  |                                                                                                 |                               |                        |  |
| 2 PLACES $\pm$ 0.13 $\pm$ ---                                                                                                   |                 | APPROVED BY DATE                      |  | <b>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX. INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</b> |  |                                                                                                 |                               |                        |  |
| 1 PLACE $\pm$ 0.25 $\pm$ ---                                                                                                    |                 | JLAURX 2010/10/15                     |  |                                                                                                                                       |  |                                                                                                 |                               |                        |  |
| 0 PLACE $\pm$ $\pm$                                                                                                             |                 | ANGULAR $\pm 1/2^\circ$               |  | MATERIAL NO.                                                                                                                          |  | DOCUMENT NO.                                                                                    |                               |                        |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                            |                 | SIZE C                                |  | SEE TABLE                                                                                                                             |  |                                                                                                 |                               |                        |  |

PART NUMBER LOGIC

76055-\*\*\*\*

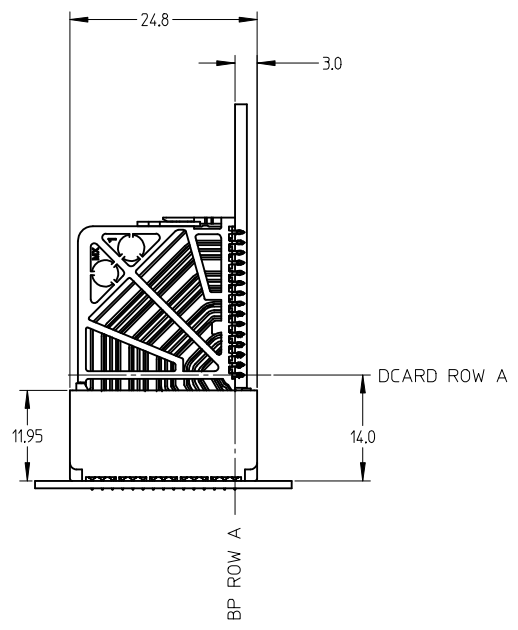
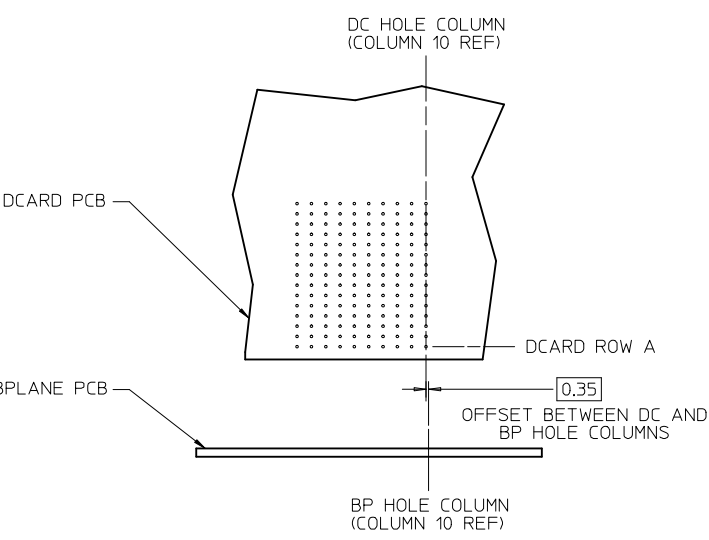
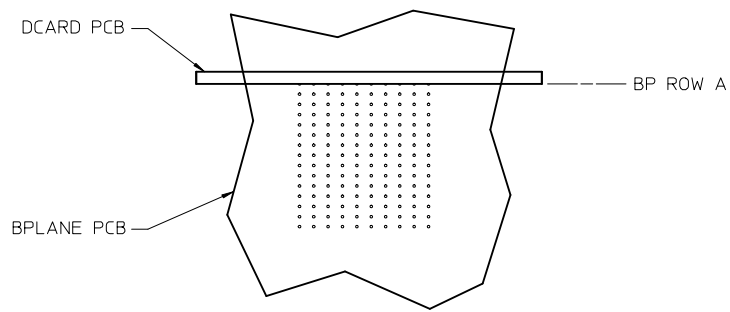
P=PIN LENGTH  
3 = 4.50 (SHORT COMPLIANT, 0.46±0.05 PTH)  
4 = 4.90 (SHORT COMPLIANT, 0.46±0.05 PTH)  
5 = 5.50 (SHORT COMPLIANT, 0.46±0.05 PTH)  
6 = 4.50 (MICRO COMPLIANT, 0.39±0.05 PTH)  
7 = 4.90 (MICRO COMPLIANT, 0.39±0.05 PTH)  
8 = 5.50 (MICRO COMPLIANT, 0.39±0.05 PTH)

MODULE TYPE  
1 = UNGUIDED,TIN

# OF COLUMNS  
1 = 10 COL  
2 = 12 COL  
6 = 16 COL  
7 = 14 COL

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

IMPACT 5 PAIR BOARD RELATIONSHIPS



|                                                                                                                           |     |             |                 |                                       |  |                            |  |                    |                        |                                                                                                              |                                                                            |  |                              |                     |  |  |
|---------------------------------------------------------------------------------------------------------------------------|-----|-------------|-----------------|---------------------------------------|--|----------------------------|--|--------------------|------------------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|--|------------------------------|---------------------|--|--|
| SEE SHEET 1<br>EC NO: UCP2013-2078<br>DRWN:TIBARRA 2012/11/26<br>CHKD:JBINGHAM 2012/12/18<br>APPR:SMILLER 2012/12/31<br>J | REV | DESCRIPTION | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) |  | DIMENSION STYLE<br>MM ONLY |  | SCALE<br>2:1       | DESIGN UNITS<br>METRIC |  THIRD ANGLE PROJECTION | IMPACT 5 PAIR HEADER<br>UNGUIDED ASSEMBLY<br>SALES DRAWING<br><b>molex</b> |  | DOCUMENT NO.<br>SD-76055-001 | SHEET NO.<br>3 OF 3 |  |  |
|                                                                                                                           |     |             |                 |                                       |  | DRAWN BY<br>JLAURX         |  | DATE<br>2007/06/18 |                        |                                                                                                              |                                                                            |  |                              |                     |  |  |
|                                                                                                                           |     |             |                 |                                       |  | CHECKED BY<br>JLAURX       |  | DATE<br>2007/06/18 |                        |                                                                                                              |                                                                            |  |                              |                     |  |  |
|                                                                                                                           |     |             |                 |                                       |  | APPROVED BY<br>JLAURX      |  | DATE<br>2010/10/15 |                        |                                                                                                              |                                                                            |  |                              |                     |  |  |
|                                                                                                                           |     |             |                 |                                       |  | MATERIAL NO.               |  |                    |                        |                                                                                                              |                                                                            |  |                              |                     |  |  |
|                                                                                                                           |     |             |                 |                                       |  | SEE TABLE                  |  |                    |                        |                                                                                                              |                                                                            |  |                              |                     |  |  |
|                                                                                                                           |     |             |                 |                                       |  | SIZE<br>C                  |  |                    |                        |                                                                                                              |                                                                            |  |                              |                     |  |  |
|                                                                                                                           |     |             |                 |                                       |  |                            |  |                    |                        |                                                                                                              |                                                                            |  |                              |                     |  |  |
|                                                                                                                           |     |             |                 |                                       |  |                            |  |                    |                        |                                                                                                              |                                                                            |  |                              |                     |  |  |
|                                                                                                                           |     |             |                 |                                       |  |                            |  |                    |                        |                                                                                                              |                                                                            |  |                              |                     |  |  |