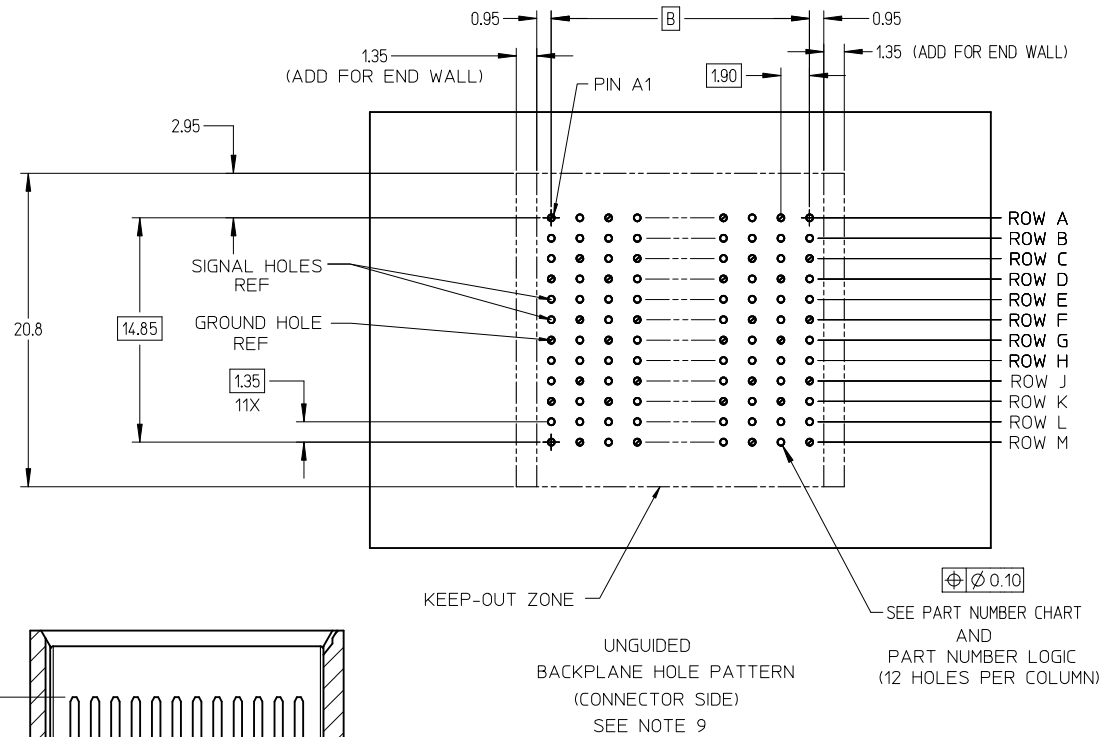
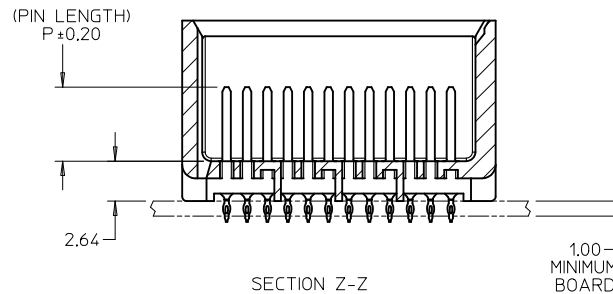
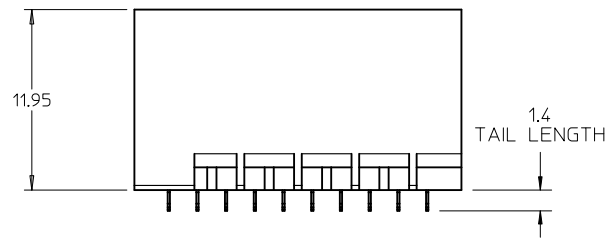
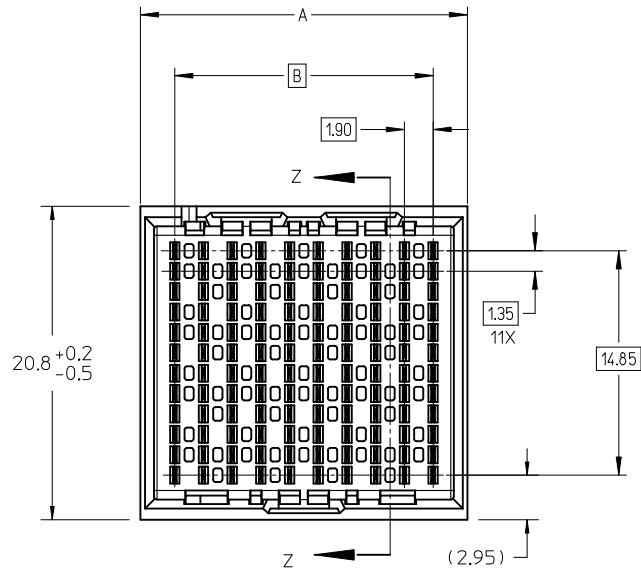


#### NOTES:

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. PARTS PACKAGED PER PK-70873-7701.
6. SEE SHEETS 2 & 3 FOR PART NUMBERS AND BOARD RELATIONSHIPS.
7. MATES WITH IMPACT DC SERIES NO. 76160.
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 A 1.9mm PROGRESSION.\*

|                                                                                                                                |                    |                                      |                                                            |        |                                                                                                                                  |                       |                    |                        |                           |                                                                                |                     |
|--------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------------------|------------------------------------------------------------|--------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------------------|------------------------|---------------------------|--------------------------------------------------------------------------------|---------------------|
| CONVERT TO LEAD-FREE<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 | QUALITY SYMBOLS<br>▽=0<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |        | DIMENSION STYLE<br>MM ONLY                                                                                                       |                       | SCALE<br>4:1       | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION | IMPACT 4 PAIR HEADER<br>UNGUIDED ASSEMBLY<br>SALES DRAWING<br><br><b>molex</b> | SHEET NO.<br>1 OF 3 |
|                                                                                                                                |                    |                                      |                                                            | mm     | INCH                                                                                                                             | DRAWN BY<br>MSANDBERG | DATE<br>2007/19/07 | TITLE                  |                           |                                                                                |                     |
|                                                                                                                                |                    |                                      | 4 PLACES                                                   | ± ---  | ± ---                                                                                                                            | CHECKED BY<br>JLAURX  | DATE<br>2007/19/07 |                        |                           |                                                                                |                     |
|                                                                                                                                |                    |                                      | 3 PLACES                                                   | ± ---  | ± ---                                                                                                                            |                       |                    |                        |                           |                                                                                |                     |
|                                                                                                                                |                    |                                      | 2 PLACES                                                   | ± 0.13 | ± ---                                                                                                                            |                       |                    |                        |                           |                                                                                |                     |
|                                                                                                                                |                    |                                      | 1 PLACE                                                    | ± 0.25 | ± ---                                                                                                                            | APPROVED BY<br>JLAURX | DATE<br>2010/11/15 |                        |                           |                                                                                |                     |
|                                                                                                                                |                    |                                      | 0 PLACE                                                    | ±      | ±                                                                                                                                |                       |                    |                        |                           |                                                                                |                     |
|                                                                                                                                |                    |                                      | ANGULAR ±1/2°                                              |        | MATERIAL NO.                                                                                                                     |                       | DOCUMENT NO.       |                        |                           |                                                                                |                     |
|                                                                                                                                |                    |                                      | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |        | SEE TABLE                                                                                                                        |                       | SD-76155-001       |                        |                           |                                                                                |                     |
|                                                                                                                                |                    |                                      | SIZE                                                       |        | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                       |                    |                        |                           |                                                                                |                     |

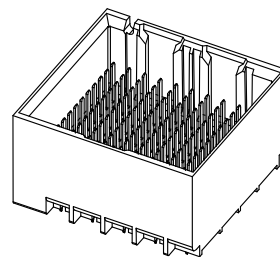
# PART NUMBER TABLE

| MATERIAL NUMBER    | # OF COLUMNS | # OF DIFF PAIR | DIM "A" | DIM "B" | DUAL<br>END WALL<br>OPTION |
|--------------------|--------------|----------------|---------|---------|----------------------------|
| 76155- <b>*32*</b> | 6            | 24             | 14.1    | 9.50    |                            |
| 76155- <b>*82*</b> | 8            | 32             | 17.9    | 13.30   |                            |
| 76155- <b>*12*</b> | 10           | 40             | 21.7    | 17.10   |                            |
| 76155- <b>*62*</b> | 16           | 64             | 33.1    | 28.50   |                            |

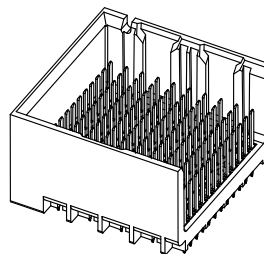
| MATERIAL NUMBER    | # OF COLUMNS | # OF DIFF PAIR | DIM "A" | DIM "B" | LEFT<br>END WALL<br>OPTION |
|--------------------|--------------|----------------|---------|---------|----------------------------|
| 76155- <b>*31*</b> | 6            | 24             | 12.7    | 9.50    |                            |
| 76155- <b>*81*</b> | 8            | 32             | 16.5    | 13.30   |                            |
| 76155- <b>*11*</b> | 10           | 40             | 20.3    | 17.10   |                            |
| 76155- <b>*61*</b> | 16           | 64             | 31.7    | 28.50   |                            |

| MATERIAL NUMBER    | # OF COLUMNS | # OF DIFF PAIR | DIM "A" | DIM "B" | RIGHT<br>END WALL<br>OPTION |
|--------------------|--------------|----------------|---------|---------|-----------------------------|
| 76155- <b>*33*</b> | 6            | 24             | 12.7    | 9.50    |                             |
| 76155- <b>*83*</b> | 8            | 32             | 16.5    | 13.30   |                             |
| 76155- <b>*13*</b> | 10           | 40             | 20.3    | 17.10   |                             |
| 76155- <b>*63*</b> | 16           | 64             | 31.7    | 28.50   |                             |

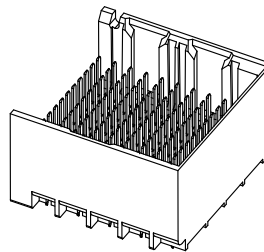
| MATERIAL NUMBER    | # OF COLUMNS | # OF DIFF PAIR | DIM "A" | DIM "B" | OPEN<br>WALL<br>OPTION |
|--------------------|--------------|----------------|---------|---------|------------------------|
| 76155- <b>*30*</b> | 6            | 24             | 11.3    | 9.50    |                        |
| 76155- <b>*80*</b> | 8            | 32             | 15.1    | 13.30   |                        |
| 76155- <b>*10*</b> | 10           | 40             | 18.9    | 17.10   |                        |
| 76155- <b>*60*</b> | 16           | 64             | 30.4    | 28.50   |                        |



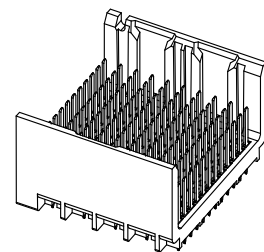
DUAL END  
WALL OPTION



LEFT END  
WALL OPTION



RIGHT END  
WALL OPTION



OPEN  
WALL OPTION

## PART NUMBER LOGIC

76155-\*\*\*\*

MODULE TYPE  
1 = UNGUIDED,TIN

# OF COLUMNS  
1 = 10 COL  
3 = 6 COL  
6 = 16 COL  
8 = 8 COL

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)

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

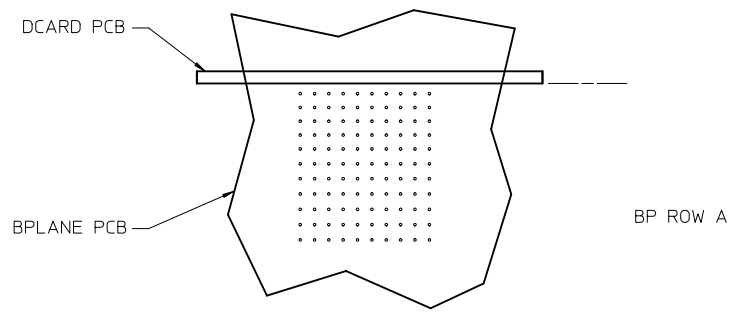
SEE SHEET 1  
EC NO: UCP2013-2078  
DRWN:TIBARRA 2012/11/26  
CHKD:JBINGHAM 2012/12/18  
APPR:SMILLER 2012/12/31

QUALITY  
SYMBOLS  
▽=0  
▽=0  
▽=0

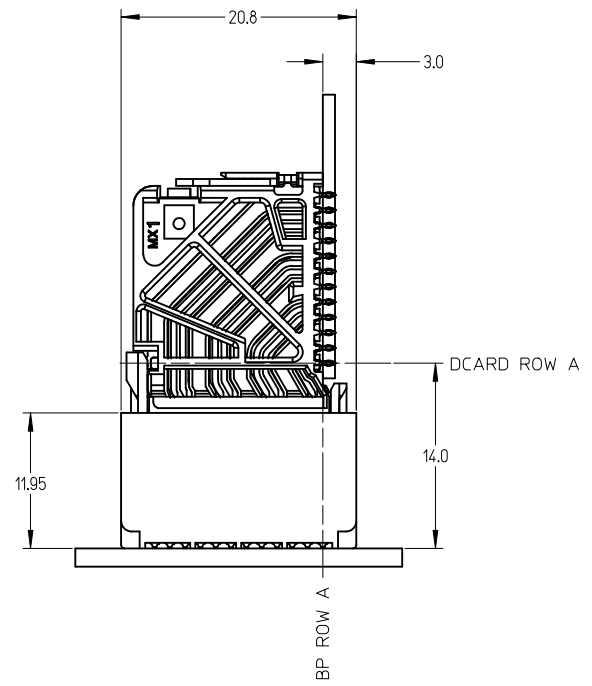
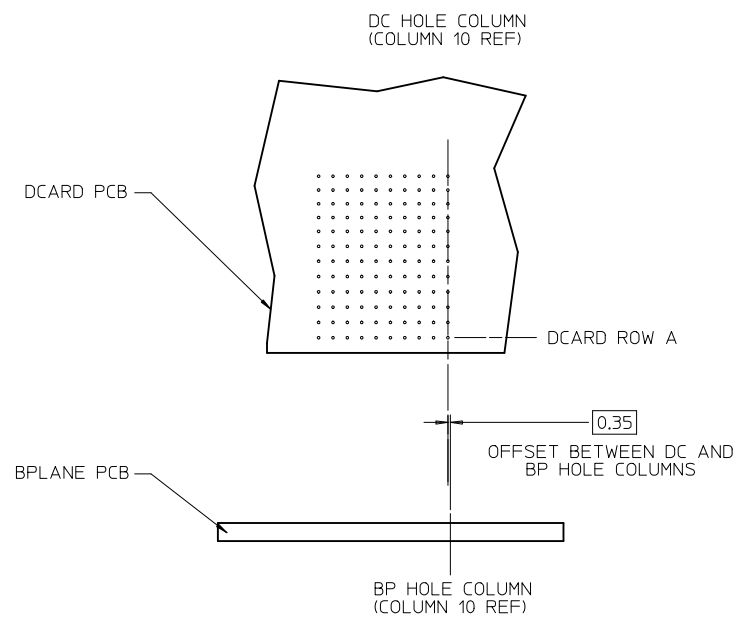
GENERAL TOLERANCES  
(UNLESS SPECIFIED)  
mm INCH  
4 PLACES ± --- ± ---  
3 PLACES ± --- ± ---  
2 PLACES ± 0.13 ± ---  
1 PLACE ± 0.25 ± ---  
0 PLACE ± ±  
ANGULAR ±1/2°  
DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

DIMENSION STYLE  
MM ONLY  
DRAWN BY DATE  
MSANDBERG 2007/19/07  
CHECKED BY DATE  
JLAURX 2007/19/07  
APPROVED BY DATE  
JLAURX 2010/11/15  
MATERIAL NO.  
SEE TABLE  
SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX  
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SCALE  
2.5:1  
DESIGN UNITS  
METRIC  
THIRD ANGLE  
PROJECTION  
TITLE  
IMPACT 4 PAIR HEADER  
UNGUIDED ASSEMBLY  
SALES DRAWING  
molex  
DOCUMENT NO.  
SD-76155-001  
SHEET NO.  
2 OF 3



IMPACT 4 PAIR  
BOARD RELATIONSHIPS



SEE SHEET 1

EC NO: UCP2013-2078

DRWN: TIBARRA 2012/11/26

CHKD: JB INGHAM 2012/12/18

APPR: SMILLER 2012/12/31

H

REV

DESCRIPTION

QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

|          | mm     | INCH   |
|----------|--------|--------|
| 4 PLACES | ± .--- | ± .--- |
| 3 PLACES | ± .--- | ± .--- |
| 2 PLACES | ± 0.13 | ± .--- |
| 1 PLACE  | ± 0.25 | ± .--- |
| 0 PLACE  | ±      | ±      |

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE

MM ONLY

|             |            |
|-------------|------------|
| DRAWN BY    | DATE       |
| MSANDBERG   | 2007/19/07 |
| CHECKED BY  | DATE       |
| JLAURX      | 2007/19/07 |
| APPROVED BY | DATE       |
| JLAURX      | 2010/11/15 |

MATERIAL NO.

SEE TABLE

SIZE

C

SCALE

3:1

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

IMPACT 4 PAIR HEADER  
UNGUIDED ASSEMBLY  
SALES DRAWING

molex

DOCUMENT NO.

SD-76155-001

SHEET NO.

3 OF 3