

## Excellent Integrated System Limited

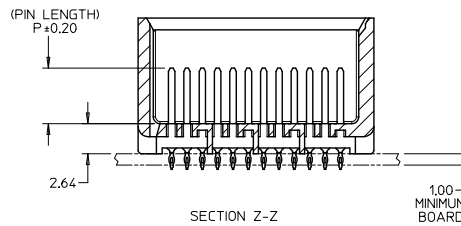
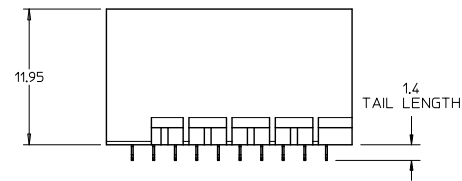
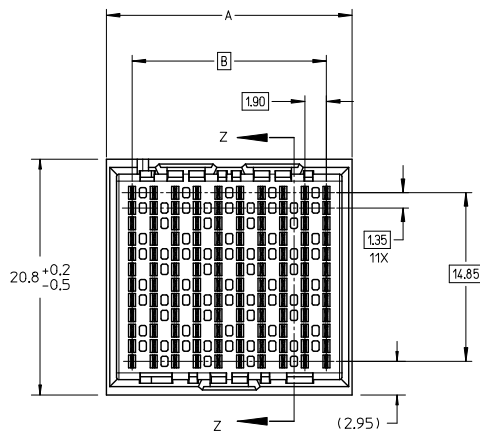
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

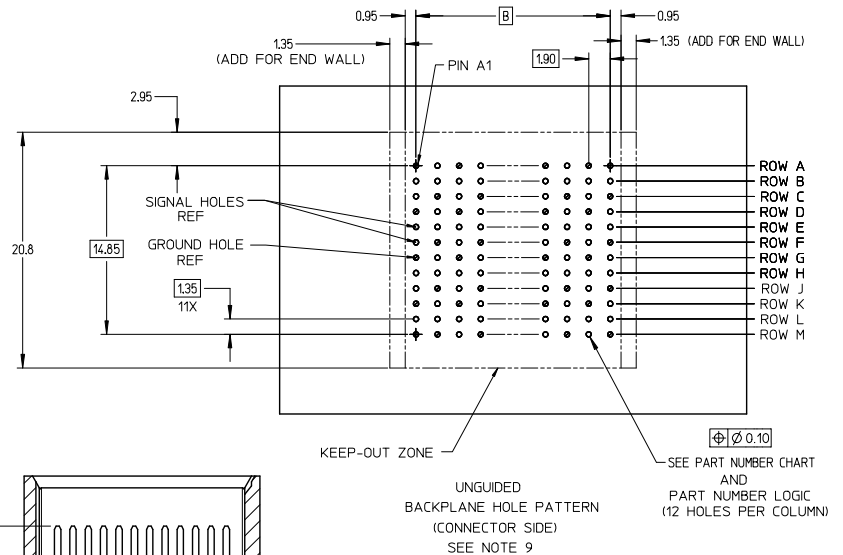
[Molex Connector Corporation](#)  
[0761551126](#)

For any questions, you can email us directly:

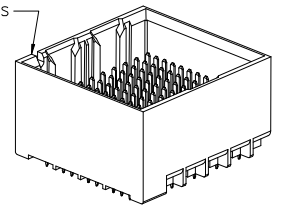
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



SECTION Z-Z



NOTCH DESIGNATES ROW A



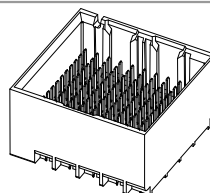
NOTES:

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 ANTI PAD 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.\*

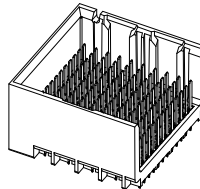
|                                                                                                                     |                                                  |                        |                                                            |                           |                                                                                                                                         |  |                                                                                             |                        |                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|------------------------|------------------------------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|------------------------|-----------------------------------------------------------------------------------------------------------------|
| CONVERT TO LEAD-FREE<br>EC NO: UCP2015-2078<br>DRAWN BY: 2012/11/28<br>CHKD: B INGHAM<br>APPR: MILLER<br>2012/12/31 | QUALITY SYMBOLS<br><br>▽=0<br><br>▽=0<br><br>▽=0 | DESCRIPTION<br><br>REV | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |                           | DIMENSION STYLE<br>MM ONLY                                                                                                              |  | SCALE<br>4:1                                                                                | DESIGN UNITS<br>METRIC |  THIRD ANGLE<br>PROJECTION |
|                                                                                                                     |                                                  |                        | mm      INCH                                               |                           | DRAWN BY      DATE                                                                                                                      |  | TITLE<br><br>IMPACT 4 PAIR HEADER<br>UNGUIDED ASSEMBLY<br>SALES DRAWING<br><br><b>molex</b> |                        |                                                                                                                 |
|                                                                                                                     |                                                  |                        | 4 PLACES ±      ±                                          | MSANDBERG      2007/19/07 |                                                                                                                                         |  |                                                                                             |                        |                                                                                                                 |
|                                                                                                                     |                                                  |                        | 3 PLACES ±      ±                                          | CHECKED BY      DATE      |                                                                                                                                         |  |                                                                                             |                        |                                                                                                                 |
|                                                                                                                     |                                                  |                        | 2 PLACES ±      ±                                          | JLAURX      2007/19/07    |                                                                                                                                         |  |                                                                                             |                        |                                                                                                                 |
|                                                                                                                     |                                                  |                        | 1 PLACE ±      ±                                           | APPROVED BY      DATE     | DOCUMENT NO.                                                                                                                            |  | SHEET NO.<br>1 OF 3                                                                         |                        |                                                                                                                 |
|                                                                                                                     |                                                  |                        | 0 PLACE ±      ±                                           | MATERIAL NO.              |                                                                                                                                         |  |                                                                                             |                        |                                                                                                                 |
|                                                                                                                     |                                                  |                        | ANGULAR ±1/2°                                              |                           |                                                                                                                                         |  |                                                                                             |                        |                                                                                                                 |
|                                                                                                                     |                                                  |                        | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                           | SEE TABLE                                                                                                                               |  | SD-76155-001                                                                                |                        |                                                                                                                 |
|                                                                                                                     |                                                  |                        |                                                            |                           | SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                                                                                             |                        |                                                                                                                 |

## PART NUMBER TABLE

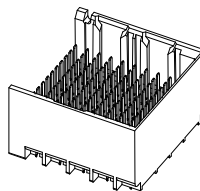
| MATERIAL NUMBER | # OF COLUMNS | # OF DIFF PAIR | DIM "A" | DIM "B" | DUAL<br>END WALL<br>OPTION |
|-----------------|--------------|----------------|---------|---------|----------------------------|
| 76155-*32*      | 6            | 24             | 14.1    | 9.50    |                           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

DUAL END  
WALL OPTION

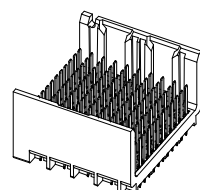
| MATERIAL NUMBER | # OF COLUMNS | # OF DIFF PAIR | DIM "A" | DIM "B" | LEFT<br>END WALL<br>OPTION |
|-----------------|--------------|----------------|---------|---------|----------------------------|
| 76155-*31*      | 6            | 24             | 12.7    | 9.50    |                            |
| 76155-*81*      | 8            | 32             | 16.5    | 13.30   |                            |
| 76155-*11*      | 10           | 40             | 20.3    | 17.10   |                            |
| 76155-*61*      | 16           | 64             | 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 |
|-----------------|--------------|----------------|---------|---------|-----------------------------|
| 76155-*33*      | 6            | 24             | 12.7    | 9.50    |                             |
| 76155-*83*      | 8            | 32             | 16.5    | 13.30   |                             |
| 76155-*13*      | 10           | 40             | 20.3    | 17.10   |                             |
| 76155-*63*      | 16           | 64             | 31.7    | 28.50   |                             |

RIGHT END  
WALL OPTION

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

OPEN  
WALL OPTION

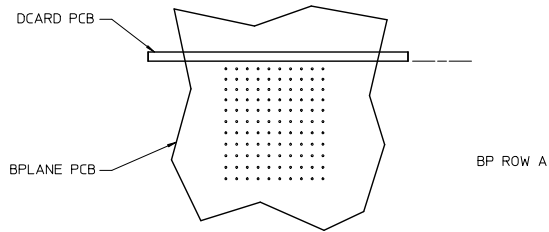
## PART NUMBER LOGIC

76155-\*\*\*

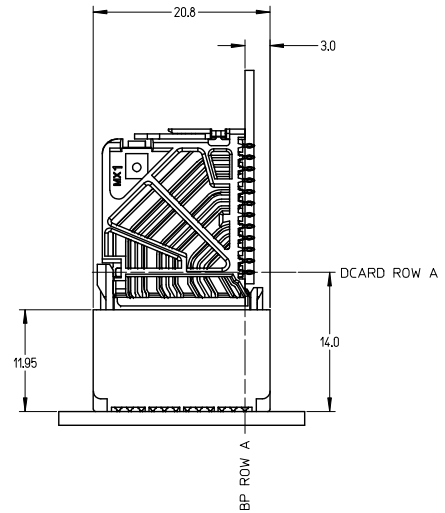
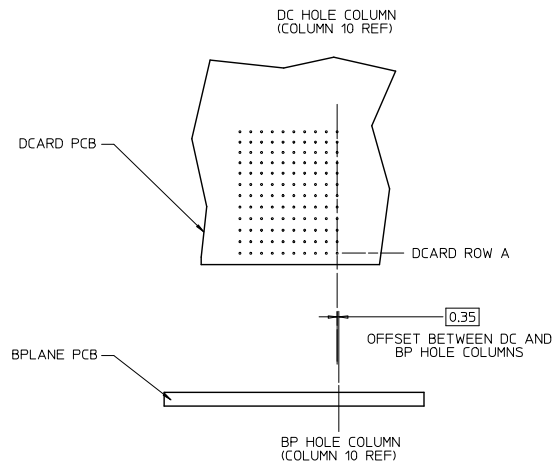
MODULE TYPE  
1 = UNGUIDED, TIN# OF COLUMNS  
1 = 10 COL  
3 = 6 COL  
6 = 16 COL  
8 = 8 COL

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 WALLSEE SHEET 1  
EC NO: UCP2013-2078  
2012/11/26  
DRAWN: IBARRA  
2012/12/18  
CHKD: B INGHAM  
APPR: SMILLER  
2012/12/31QUALITY  
SYMBOLS  
▽=0  
▽=0  
▽=0GENERAL 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 DIMENSIONSDIMENSION STYLE  
MM ONLY  
DRAWN BY MSANDBERG  
DATE 2007/19/07  
CHECKED BY JLAURX  
DATE 2007/19/07  
APPROVED BY JLAURX  
DATE 2010/11/15  
MATERIAL NO.  
SEE TABLESCALE  
2.5:1  
DESIGN UNITS  
METRIC  
THIRD ANGLE  
PROJECTION  
TITLE  
IMPACT 4 PAIR HEADER  
UNGUIDED ASSEMBLY  
SALES DRAWING  
molex  
DOCUMENT NO.  
SD-76155-001SHEET NO.  
2 OF 3



IMPACT 4 PAIR  
BOARD RELATIONSHIPS



|                                                                                                                                                      |                                  |                                                      |                                                                                                                               |                            |             |                     |                                                                                            |                        |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|-------------|---------------------|--------------------------------------------------------------------------------------------|------------------------|--|
| SEE SHEET 1<br>EC NO: UCP2015-2078<br>DRAWN BY: IBARRA<br>CHKD: BINGHAM<br>APPR: SMILLER<br>DATE: 2012/11/26<br>DATE: 2012/12/18<br>DATE: 2012/12/31 | QUALITY SYMBOLS                  | GENERAL TOLERANCES (UNLESS SPECIFIED)                |                                                                                                                               | DIMENSION STYLE<br>MM ONLY |             | SCALE<br>3:1        | DESIGN UNITS<br>METRIC                                                                     | THIRD ANGLE PROJECTION |  |
|                                                                                                                                                      | DESCRIPTION<br>▽=0<br>▽=0<br>▽=0 |                                                      | mm                                                                                                                            | INCH                       | DRAWN BY    | DATE                | IMPACT 4 PAIR HEADER<br>UNGUIDED ASSEMBLY<br>SALES DRAWING<br><b>molex</b><br>SD-76155-001 |                        |  |
|                                                                                                                                                      |                                  | 4 PLACES                                             | ±---                                                                                                                          | ±---                       | MSANDBERG   | 2007/19/07          |                                                                                            |                        |  |
|                                                                                                                                                      |                                  | 3 PLACES                                             | ±---                                                                                                                          | ±---                       | CHECKED BY  | DATE                |                                                                                            |                        |  |
|                                                                                                                                                      |                                  | 2 PLACES                                             | ±0.13                                                                                                                         | ±---                       | JLAURX      | 2007/19/07          |                                                                                            |                        |  |
|                                                                                                                                                      |                                  | 1 PLACE                                              | ±0.25                                                                                                                         | ±---                       | APPROVED BY | DATE                |                                                                                            |                        |  |
|                                                                                                                                                      | 0 PLACE                          | ±                                                    | ±                                                                                                                             | JLAURX                     | 2010/11/15  | SHEET NO.<br>3 OF 3 |                                                                                            |                        |  |
|                                                                                                                                                      |                                  | ANGULAR ±1/2°                                        |                                                                                                                               | MATERIAL NO.               |             | DOCUMENT NO.        |                                                                                            |                        |  |
|                                                                                                                                                      |                                  | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                                                                                                                               | SEE TABLE                  |             | SD-76155-001        |                                                                                            |                        |  |
|                                                                                                                                                      | REV                              |                                                      | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                            |             |                     |                                                                                            |                        |  |