

## Excellent Integrated System Limited

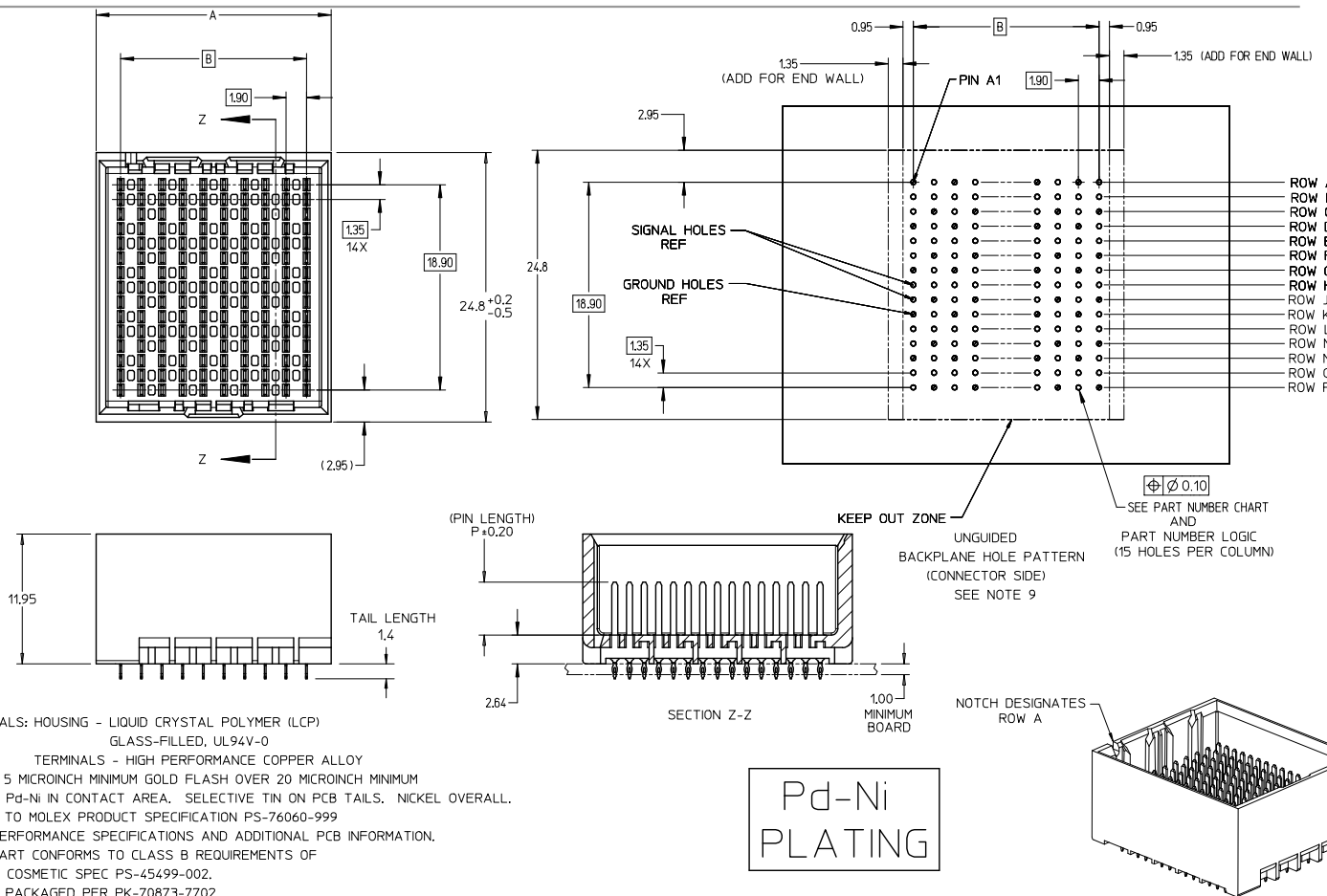
Stocking Distributor

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

[Molex Connector Corporation](#)  
[0760551603](#)

For any questions, you can email us directly:

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



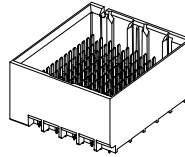
NOTES:

1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)  
GLASS-FILLED, UL94V-0  
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 5 MICROINCH MINIMUM GOLD FLASH OVER 20 MICROINCH MINIMUM  
Pd-Ni 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-70873-7702.
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.\*

| INITIAL RELEASE | EC NO.     | DRAWN BY | CHECKED BY | APPROVED BY | DATE       | QUALITY SYMBOLS                                            | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION | TITLE                                                           | DOCUMENT NO.   | SHEET NO. |
|-----------------|------------|----------|------------|-------------|------------|------------------------------------------------------------|---------------------------------------|-----------------|-------|--------------|------------------------|-----------------------------------------------------------------|----------------|-----------|
|                 |            |          |            |             |            |                                                            |                                       |                 |       |              |                        |                                                                 |                |           |
| 0760551603      | 2015/12/09 | SVANG01  | 2015/12/09 | 2015/12/17  | 2015/12/17 | 4 PLACES ± 0.13                                            | mm INCH                               | MM ONLY         | 4:1   | METRIC       | THIRD ANGLE PROJECTION | IMPACT 5 PAIR HEADER<br>UNGUIDED PDNI<br>ASSEMBLY SALES DRAWING | RSD-173430-001 | 1 OF 3    |
| 0760551603      | 2015/12/09 | SVANG01  | 2015/12/09 | 2015/12/17  | 2015/12/17 | 3 PLACES ± 0.13                                            | mm INCH                               | MM ONLY         | 4:1   | METRIC       | THIRD ANGLE PROJECTION | IMPACT 5 PAIR HEADER<br>UNGUIDED PDNI<br>ASSEMBLY SALES DRAWING | RSD-173430-001 | 1 OF 3    |
| 0760551603      | 2015/12/09 | SVANG01  | 2015/12/09 | 2015/12/17  | 2015/12/17 | 2 PLACES ± 0.13                                            | mm INCH                               | MM ONLY         | 4:1   | METRIC       | THIRD ANGLE PROJECTION | IMPACT 5 PAIR HEADER<br>UNGUIDED PDNI<br>ASSEMBLY SALES DRAWING | RSD-173430-001 | 1 OF 3    |
| 0760551603      | 2015/12/09 | SVANG01  | 2015/12/09 | 2015/12/17  | 2015/12/17 | 1 PLACE ± 0.25                                             | mm INCH                               | MM ONLY         | 4:1   | METRIC       | THIRD ANGLE PROJECTION | IMPACT 5 PAIR HEADER<br>UNGUIDED PDNI<br>ASSEMBLY SALES DRAWING | RSD-173430-001 | 1 OF 3    |
| 0760551603      | 2015/12/09 | SVANG01  | 2015/12/09 | 2015/12/17  | 2015/12/17 | 0 PLACE ± 0.25                                             | mm INCH                               | MM ONLY         | 4:1   | METRIC       | THIRD ANGLE PROJECTION | IMPACT 5 PAIR HEADER<br>UNGUIDED PDNI<br>ASSEMBLY SALES DRAWING | RSD-173430-001 | 1 OF 3    |
| 0760551603      | 2015/12/09 | SVANG01  | 2015/12/09 | 2015/12/17  | 2015/12/17 | ANGULAR ± 1/2°                                             | mm INCH                               | MM ONLY         | 4:1   | METRIC       | THIRD ANGLE PROJECTION | IMPACT 5 PAIR HEADER<br>UNGUIDED PDNI<br>ASSEMBLY SALES DRAWING | RSD-173430-001 | 1 OF 3    |
| 0760551603      | 2015/12/09 | SVANG01  | 2015/12/09 | 2015/12/17  | 2015/12/17 | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS | mm INCH                               | MM ONLY         | 4:1   | METRIC       | THIRD ANGLE PROJECTION | IMPACT 5 PAIR HEADER<br>UNGUIDED PDNI<br>ASSEMBLY SALES DRAWING | RSD-173430-001 | 1 OF 3    |
| 0760551603      | 2015/12/09 | SVANG01  | 2015/12/09 | 2015/12/17  | 2015/12/17 | SIZE C                                                     | mm INCH                               | MM ONLY         | 4:1   | METRIC       | THIRD ANGLE PROJECTION | IMPACT 5 PAIR HEADER<br>UNGUIDED PDNI<br>ASSEMBLY SALES DRAWING | RSD-173430-001 | 1 OF 3    |

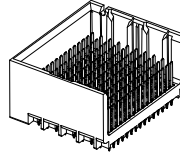
PART NUMBER TABLE

| MATERIAL NUMBER | # OF COLUMNS | # OF DIFF PAIR | DIM "A" | DIM "B" | DUAL<br>END WALL<br>OPTION |
|-----------------|--------------|----------------|---------|---------|----------------------------|
| 173430-#12*     | 10           | 50             | 21.7    | 17.10   |                            |
| 173430-#22*     | 12           | 60             | 25.5    | 20.90   |                            |
| 173430-#72*     | 14           | 70             | 29.3    | 24.70   |                            |
| 173430-#62*     | 16           | 80             | 33.1    | 28.50   |                            |



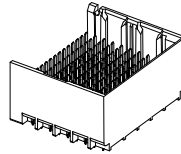
DUAL END  
WALL OPTION

| MATERIAL NUMBER | # OF COLUMNS | # OF DIFF PAIR | DIM "A" | DIM "B" | LEFT<br>END WALL<br>OPTION |
|-----------------|--------------|----------------|---------|---------|----------------------------|
| 173430-#11*     | 10           | 50             | 20.3    | 17.10   |                            |
| 173430-#21*     | 12           | 60             | 24.1    | 20.90   |                            |
| 173430-#71*     | 14           | 70             | 27.9    | 24.70   |                            |
| 173430-#61*     | 16           | 80             | 31.7    | 28.50   |                            |



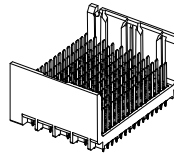
LEFT END  
WALL OPTION

| MATERIAL NUMBER | # OF COLUMNS | # OF DIFF PAIR | DIM "A" | DIM "B" | RIGHT<br>END WALL<br>OPTION |
|-----------------|--------------|----------------|---------|---------|-----------------------------|
| 173430-#13*     | 10           | 50             | 20.3    | 17.10   |                             |
| 173430-#23*     | 12           | 60             | 24.1    | 20.90   |                             |
| 173430-#73*     | 14           | 70             | 27.9    | 24.70   |                             |
| 173430-#63*     | 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 |
|-----------------|--------------|----------------|---------|---------|------------------------|
| 173430-#10*     | 10           | 50             | 18.9    | 17.10   |                        |
| 173430-#20*     | 12           | 60             | 22.7    | 20.90   |                        |
| 173430-#70*     | 14           | 70             | 26.5    | 24.70   |                        |
| 173430-#60*     | 16           | 80             | 30.3    | 28.50   |                        |



OPEN  
WALL OPTION

|                                                                                                                                                     |                                      |                                                                                                                                                                                                                                           |                                                                                                                                               |                                                                  |                                                                                          |                                                             |                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------|
| SEE SHEET 1<br>EC NO: UCP2016-2332<br>DRAWN BY: DRWNSVANG01<br>CHKD BY: CHKHOMOLFE<br>APPR: SMILLER<br>DATE: 2015/12/09<br>2015/12/09<br>2015/12/17 | QUALITY SYMBOLS<br>▽=0<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)<br>mm INCH<br>4 PLACES ± --- ± ---<br>3 PLACES ± --- ± ---<br>2 PLACES ± 0.13 ± ---<br>1 PLACE ± 0.25 ± ---<br>0 PLACE ± ±<br>ANGULAR ±1/2°<br>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | DIMENSION STYLE<br>MM ONLY<br>DRAWN BY: SVANG01<br>CHECKED BY: MWOLFE<br>APPROVED BY: SMILLER<br>DATE: 2015/12/09<br>2015/12/09<br>2015/12/17 | SCALE<br>2:1<br>DESIGN UNITS<br>METRIC<br>THIRD ANGLE PROJECTION | TITLE<br>IMPACT 5 PAIR HEADER<br>UNGUIDED PDNI<br>ASSEMBLY SALES DRAWING<br><b>molex</b> | MATERIAL NO.<br>SEE TABLE<br>DOCUMENT NO.<br>RSD-173430-001 | SHEET NO.<br>2 OF 3 |
|                                                                                                                                                     |                                      |                                                                                                                                                                                                                                           |                                                                                                                                               |                                                                  |                                                                                          |                                                             |                     |
|                                                                                                                                                     |                                      |                                                                                                                                                                                                                                           |                                                                                                                                               |                                                                  |                                                                                          |                                                             |                     |
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# PART NUMBER LOGIC

173430-\*\*\*

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

P-PIN LENGTH

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

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

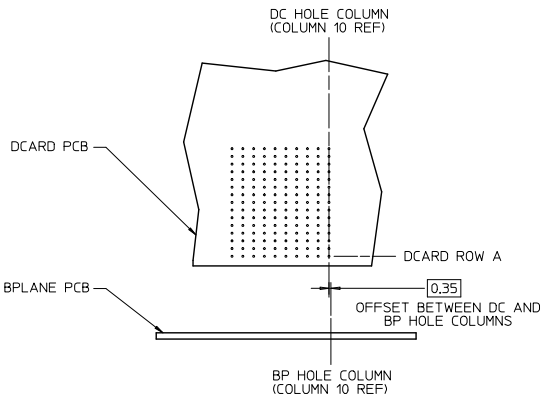
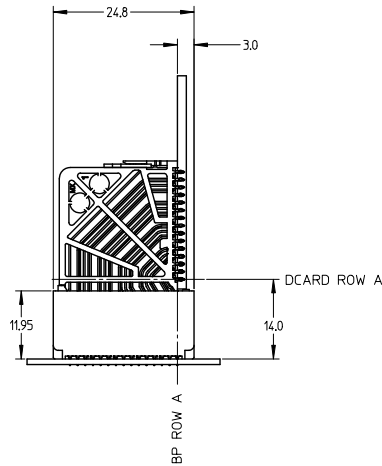
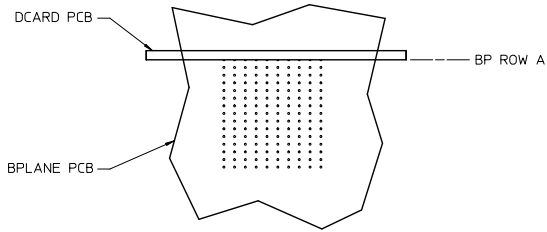
5 = 5.50 (SHORT COMPLIANT, 0.46±0.05 PTH)

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

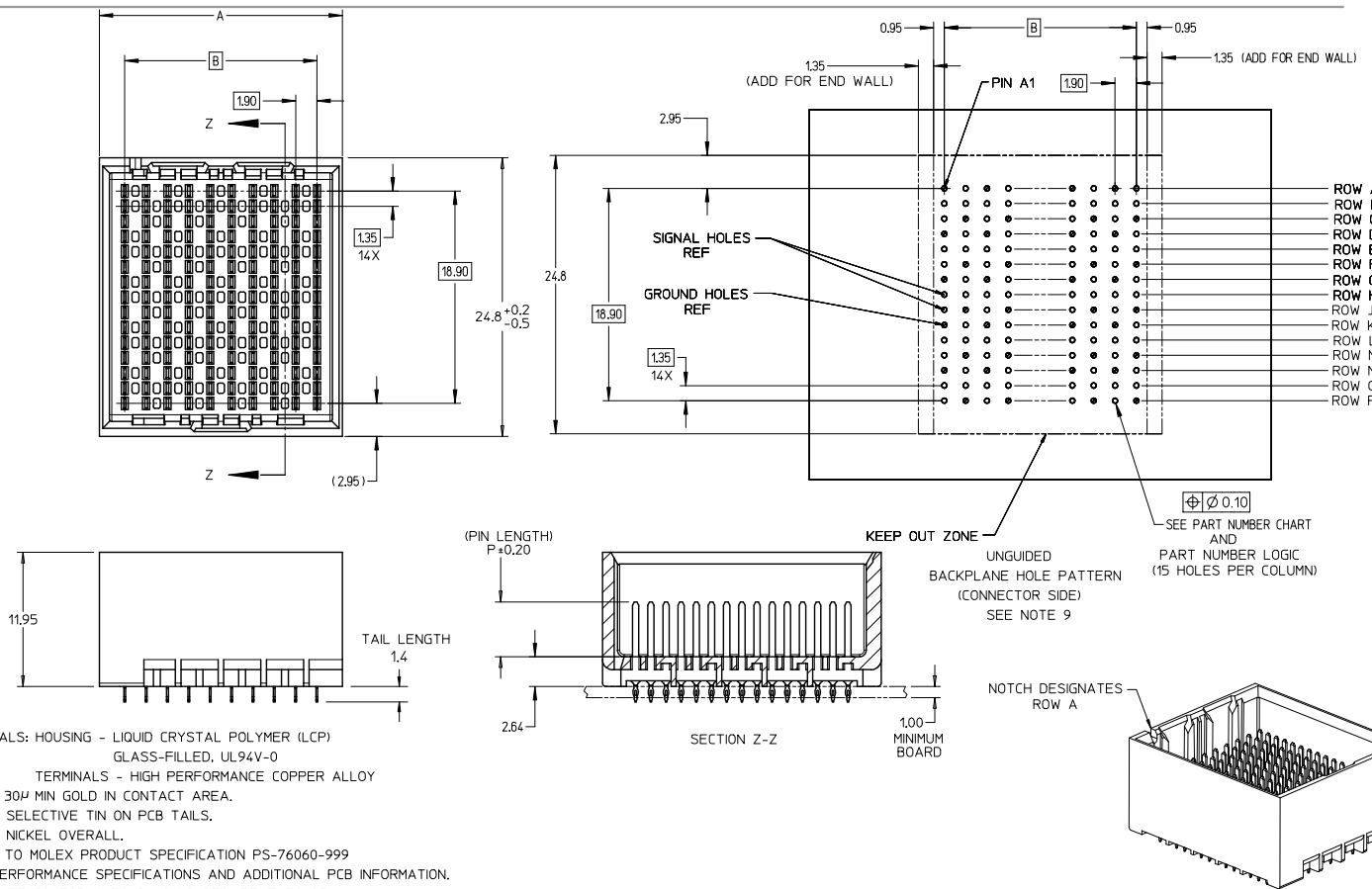
7 = 4.90 (MICRO COMPLIANT, 0.39±0.05 PTH)

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

## IMPACT 5 PAIR BOARD RELATIONSHIPS



|                                                                                                                                       |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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| SEE SHEET 1<br>EC NO: UCF2016-2332<br>DRAWN BY: DRWNSVANG01<br>CHECKED BY: CHKORWOLFE<br>APPROVED BY: APPRSMILLER<br>DATE: 2015/12/09 | DESCRIPTION | QUANTITY<br>SYMBOLS<br><br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<br>▽<b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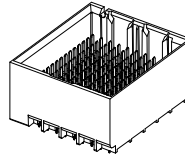
**NOTES:**

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-70873-7702.
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: UCP2015-2078<br>DRAWN: IBARRA<br>CHKD: B JIMENEZ<br>APPR: MILLER<br>2012/11/28<br>2012/12/18<br>2012/12/31 | DESCRIPTION | 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 PROJECTION | TITLE<br>IMPACT 5 PAIR HEADER<br>UNGUIDED ASSEMBLY<br>SALES DRAWING<br><b>molex</b> | DOCUMENT NO.<br>SD-76055-001 | SHEET NO.<br>1 OF 3 |  |
|                                                                                                                                           |             |                                      | mm                                                   | INCH | DRAWN BY<br>JLAURX                                                                                                            | DATE<br>2007/06/18    | TITLE              |                        |                                                                                                              |                                                                                     |                              |                     |  |
|                                                                                                                                           |             |                                      | 4 PLACES ±                                           | ±    | ±                                                                                                                             | CHECKED BY<br>JLAURX  | DATE<br>2007/06/18 |                        |                                                                                                              |                                                                                     |                              |                     |  |
|                                                                                                                                           |             |                                      | 3 PLACES ±                                           | ±    | ±                                                                                                                             | APPROVED BY<br>JLAURX | DATE<br>2010/10/15 |                        |                                                                                                              |                                                                                     |                              |                     |  |
|                                                                                                                                           |             |                                      | 2 PLACES ±                                           | ±    | ±                                                                                                                             |                       |                    |                        |                                                                                                              |                                                                                     |                              |                     |  |
|                                                                                                                                           |             |                                      | 1 PLACE ±                                            | ±    | ±                                                                                                                             |                       |                    |                        |                                                                                                              |                                                                                     |                              |                     |  |
|                                                                                                                                           |             |                                      | 0 PLACE ±                                            | ±    | ±                                                                                                                             |                       |                    |                        |                                                                                                              |                                                                                     |                              |                     |  |
|                                                                                                                                           |             |                                      | ANGULAR ±1/2°                                        |      | MATERIAL NO.                                                                                                                  |                       |                    |                        |                                                                                                              |                                                                                     |                              |                     |  |
|                                                                                                                                           |             |                                      | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |      | SEE TABLE                                                                                                                     |                       |                    |                        |                                                                                                              |                                                                                     |                              |                     |  |
|                                                                                                                                           |             |                                      | SIZE C                                               |      | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                       |                    |                        |                                                                                                              |                                                                                     |                              |                     |  |

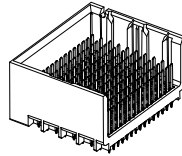
PART NUMBER TABLE

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



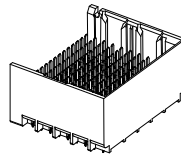
DUAL END  
WALL OPTION

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



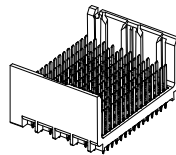
LEFT END  
WALL OPTION

| MATERIAL NUMBER | # OF COLUMNS | # OF DIFF PAIR | DIM "A" | DIM "B" | RIGHT<br>END WALL<br>OPTION |
|-----------------|--------------|----------------|---------|---------|-----------------------------|
| 76055-#13*      | 10           | 50             | 20.3    | 17.10   |                             |
| 76055-#23*      | 12           | 60             | 24.1    | 20.90   |                             |
| 76055-#73*      | 14           | 70             | 27.9    | 24.70   |                             |
| 76055-#63*      | 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-#10*      | 10           | 50             | 18.9    | 17.10   |                        |
| 76055-#20*      | 12           | 60             | 22.7    | 20.90   |                        |
| 76055-#70*      | 14           | 70             | 26.5    | 24.70   |                        |
| 76055-#60*      | 16           | 80             | 30.3    | 28.50   |                        |



OPEN  
WALL OPTION

|                                                                                                                                            |                                      |                                                                                                                                                                                                                                      |                                                                                                                                                |                                                                  |                                                                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SEE SHEET 1</b><br>EC NO: UCP2013-2078<br>DRAWN BY: BARRA<br>CHKD BY: BINGHAM<br>APPR: MILLER<br>2012/11/28<br>2012/12/18<br>2012/12/31 | QUALITY SYMBOLS<br>▽=0<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)<br>4 PLACES ± mm INCH<br>3 PLACES ± mm INCH<br>2 PLACES ± 0.13 mm INCH<br>1 PLACE ± 0.25 mm INCH<br>0 PLACE ± mm INCH<br>ANGULAR ±1/2°<br>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | DIMENSION STYLE<br>MM ONLY<br>DRAWN BY: JLAURX DATE: 2007/06/18<br>CHECKED BY: JLAURX DATE: 2007/06/18<br>APPROVED BY: JLAURX DATE: 2010/10/15 | SCALE<br>2:1<br>DESIGN UNITS<br>METRIC<br>THIRD ANGLE PROJECTION | TITLE<br>IMPACT 5 PAIR HEADER<br>UNGUIDED ASSEMBLY<br>SALES DRAWING<br><b>molex</b><br>MATERIAL NO. SD-76055-001<br>DOCUMENT NO. SD-76055-001<br>SHEET NO. 2 OF 3 |
|                                                                                                                                            |                                      |                                                                                                                                                                                                                                      |                                                                                                                                                |                                                                  |                                                                                                                                                                   |
|                                                                                                                                            |                                      |                                                                                                                                                                                                                                      |                                                                                                                                                |                                                                  |                                                                                                                                                                   |
|                                                                                                                                            |                                      |                                                                                                                                                                                                                                      |                                                                                                                                                |                                                                  |                                                                                                                                                                   |
|                                                                                                                                            |                                      |                                                                                                                                                                                                                                      |                                                                                                                                                |                                                                  |                                                                                                                                                                   |

# PART NUMBER LOGIC

76055-\*\*\*\*

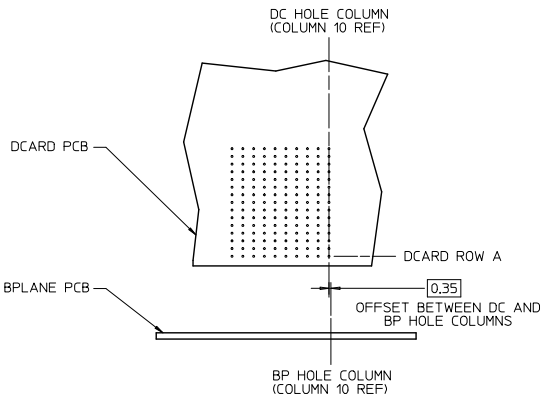
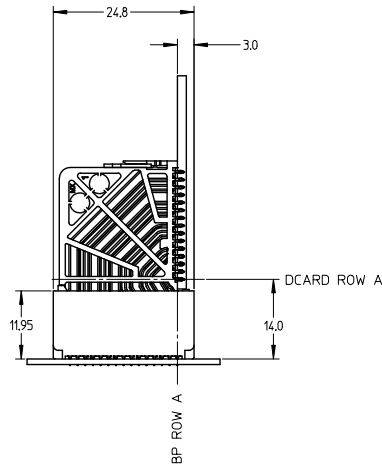
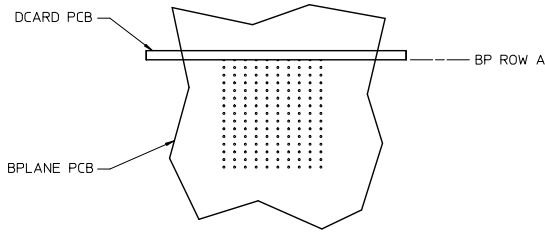
MODULE TYPE  
1 = UNGUIDED, TIN

# 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

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)

## IMPACT 5 PAIR BOARD RELATIONSHIPS



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