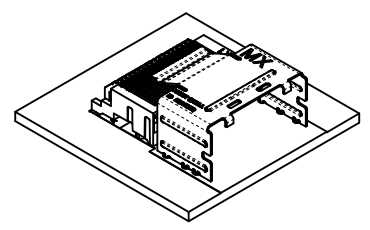
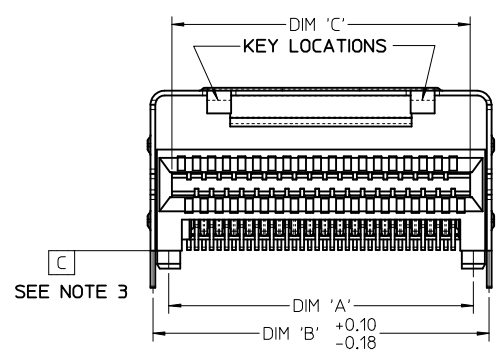


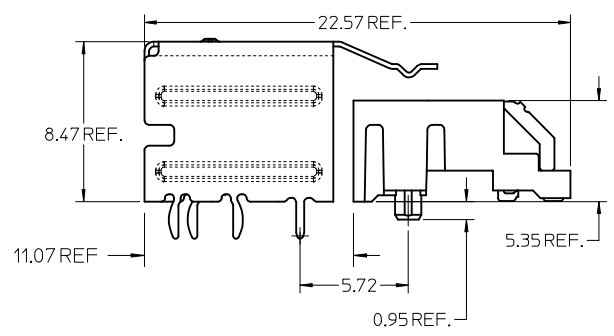
MOLD CAVITY ID FOR REFERENCE ONLY



- NOTES:
- MATERIAL:
    - CONNECTOR: HOUSING - HIGH TEMPERATURE THERMOPLASTIC GLASS FILLED, UL 94V-0, BLACK
    - TERMINALS - COPPER ALLOY
    - SHELL: SILVER NICKEL, C770, THICKNESS: 0.250/0.254
  - FINISH:
    - CONNECTOR OPTION 1: CONTACT AREA - 0.384mm MIN GOLD OVER 2.54 μm NICKEL; SOLDER FOOT AREA - 2.54-5.094mm TIN OVER 1.27 μm NICKEL
    - CONNECTOR OPTION 2: CONTACT AREA - 0.764mm MIN GOLD OVER 2.54 μm NICKEL; SOLDER FOOT AREA - 2.54-5.094mm TIN OVER 1.27 μm NICKEL
  - TERMINAL SOLDER FEET TO BE COPLANAR WITHIN 0.15 MEASURED FROM FRONT HOUSING STAND OFF (DATUM C)
  - DATE CODE: 4 DIGIT (3 DIGIT DAY, 1 DIGIT YEAR) CONNECTOR ONLY
  - CIRCUIT IDENTIFIER: SEE APPROPRIATE INDUSTRY SPECIFICATION FOR LOCATION OF PIN 1.
  - TO BE USED WITH THE FOLLOWING CABLE SERIES: 79575/74563/79576/74573/79536/74562/74586
  - PACKAGED PER PACKAGING SPECIFICATION: PK-75783-001
  - CONFORMS TO PRODUCT SPECIFICATION: PS-75783-001
  - PROCESS PER APPLICATION SPECIFICATION: AS-75783-001
  - THIS PART CONFORMS TO CLASS C REQUIREMENTS OF COSMETIC SPEC PS-45499-002



36 CIRCUIT RETENTION FIT SHELL OPTION SHOWN



| CIRCUIT SIZE | DIM 'A' | DIM 'B' | DIM 'C' |
|--------------|---------|---------|---------|
| 26           | 12.00   | 13.80   | 11.80   |
| 36           | 16.00   | 17.80   | 15.80   |
| 50           | 21.60   | 23.40   | 21.40   |
| 68           | 28.80   | 30.60   | 28.60   |

|                  |                     |            |            |            |
|------------------|---------------------|------------|------------|------------|
| REV DATUM SYMBOL | EC NO: UCP2014-2246 | DRW: KBN   | CHKD: TMC  | APPR: TMC  |
| DESCRIPTION      | 2013/12/26          | 2013/12/26 | 2013/12/26 | 2013/12/26 |
| REV              | 1                   |            |            |            |

|  |        |         |     |
|--|--------|---------|-----|
| QUALITY SYMBOLS                                      | ▽=0    | ▽=0     | ▽=0 |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                | mm     | INCH    |     |
| 4 PLACES   | ± 0.13 | ± 0.005 |     |
| 3 PLACES   | ± 0.25 | ± 0.010 |     |
| 2 PLACES   | ± 0.38 | ± 0.015 |     |
| 1 PLACE  | ± 0.51 | ± 0.020 |     |
| 0 PLACE  | ± 0.64 | ± 0.025 |     |
| ANGULAR ±1/2°  |        |         |     |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |        |         |     |

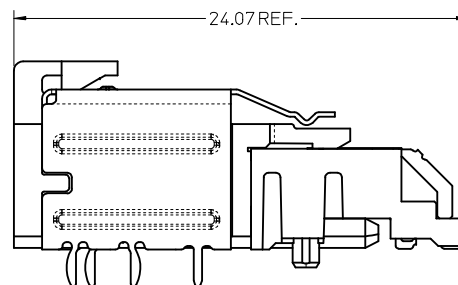
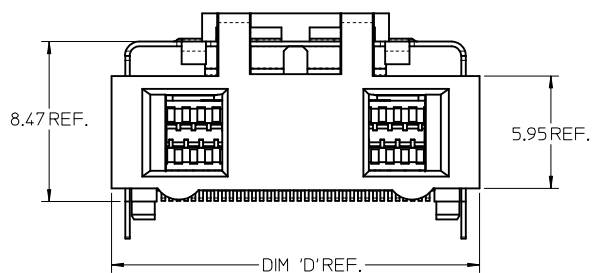
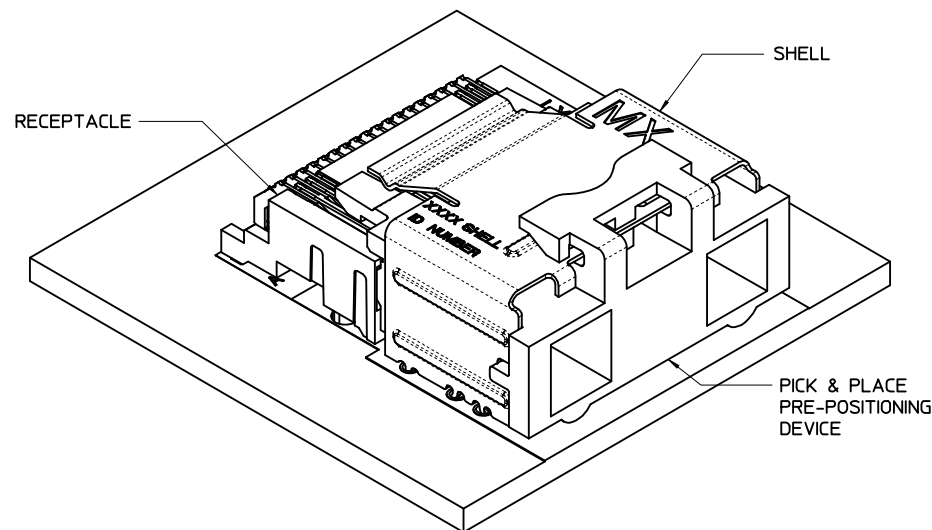
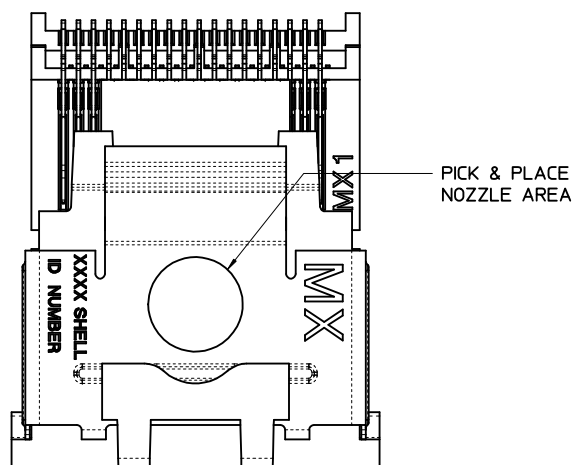
|                 |          |            |          |              |          |                        |  |
|-----------------|----------|------------|----------|--------------|----------|------------------------|--|
| DIMENSION STYLE |          | SCALE      |          | DESIGN UNITS |          | THIRD ANGLE PROJECTION |  |
| MM ONLY         |          | 5:1        |          | METRIC       |          | ☉                      |  |
| DRAWN BY        | DATE     | CHECKED BY | DATE     | APPROVED BY  | DATE     |                        |  |
| KLANG           | 02/09/05 | JSWENSON   | 02/09/05 | MBANAKIS     | 02/02/05 |                        |  |
| MATERIAL NO.    |          |            |          | DOCUMENT NO. |          | SHEET NO.              |  |
| SEE CHART       |          |            |          | SD-75783-001 |          | 1 OF 12                |  |

I-PASS R/A CONNECTOR  
INTERNAL ASSY W/SHELL  
0.8MM PITCH I/O

**molex**

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

# ASSEMBLY WITH PRE-POSITION DEVICE



36 CIRCUIT RETENTION-FIT SHELL OPTION SHOWN

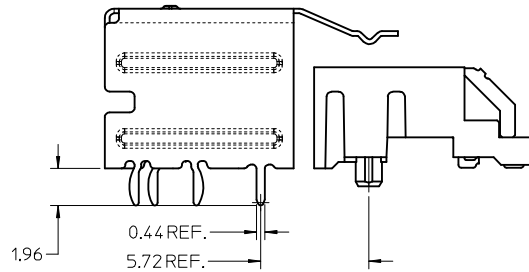
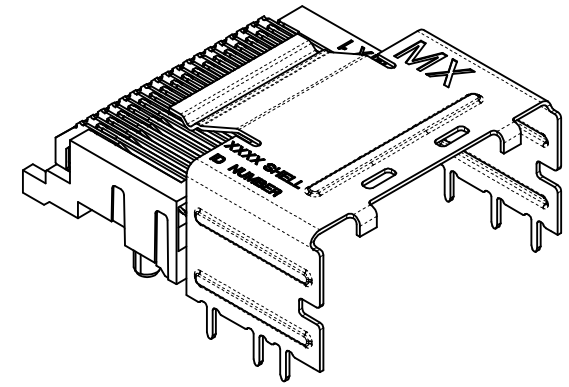
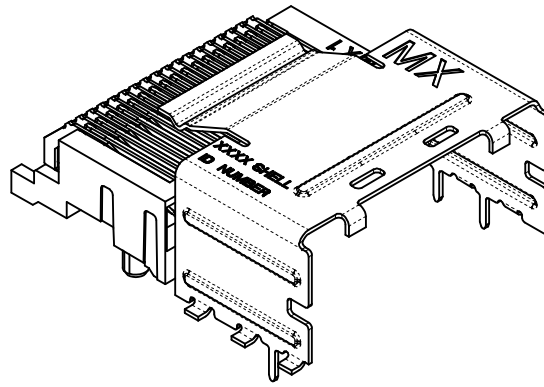
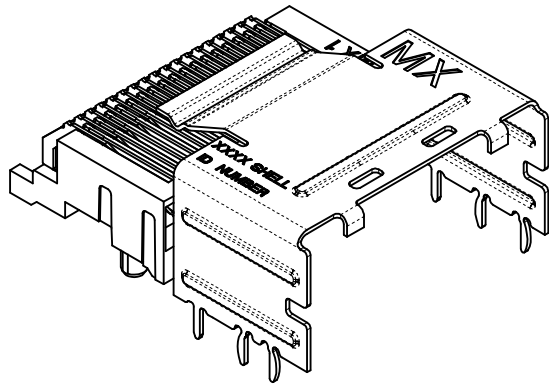
**NOTES:**

1. PICK AND PLACE AREA DEFINED IN APPLICATION SPECIFICATION, AS-75783-001
2. PACKAGING CONSISTS OF CONNECTOR AND SHELL WITH A PRE-POSITIONING PICK AND PLACE DEVICE THAT ARE PACKAGED IN 'TAPE AND REEL' FOR ROBOTIC PICK AND PLACE.

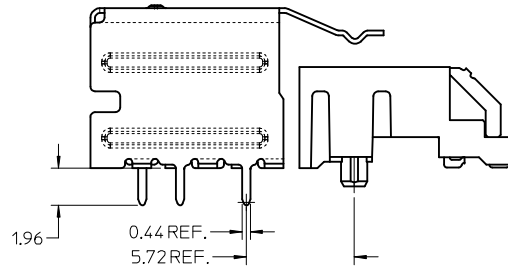
| CIRCUIT SIZE | DIM 'D' |
|--------------|---------|
| 26           | 15.50   |
| 36           | 19.50   |
| 50           | 25.10   |
| 68           | 32.30   |

|   |                 |  |  |                 |              |  |
|---|-----------------|--|--|-----------------|--------------|--|
| SEE SHEET 1<br>EC NO: UCP2014-2246<br>DRW:KINGHAM 2013/12/26<br>CHKD:MCLELLAND 2013/12/26<br>APPR:MCLELL 2013/12/26 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED)                | DIMENSION STYLE  | SCALE           | DESIGN UNITS | THIRD ANGLE PROJECTION   |
|   | ▽=0             | mm INCH  | MM ONLY  | 5:1             | METRIC       |  |
|   | ▽=0             | 4 PLACES ± --- ± ---                                 | DRAWN BY DATE  |                 |              | TITLE  |
|   | ▽=0             | 3 PLACES ± --- ± ---                                 | KLANG 02/09/05   | CHECKED BY DATE |              | I-PASS R/A CONNECTOR<br>INTERNAL ASSY W/SHELL<br>0.8MM PITCH I/O |
| REV   | DESCRIPTION     | 2 PLACES ± 0.13 ± ---                                | APPROVED BY DATE   |                 |              |  |
| F1  |                 | 1 PLACE ± 0.25 ± ---                                 | MBANAK IS 02/02/05   |                 |              |  |
|   |                 | 0 PLACE ± ±  | MATERIAL NO.   | DOCUMENT NO.    |              | SHEET NO.  |
|   |                 | ANGULAR ±1/2°  | SEE CHART  | SD-75783-001    |              | 2 OF 12  |
|   |                 | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX. INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                 |              |  |

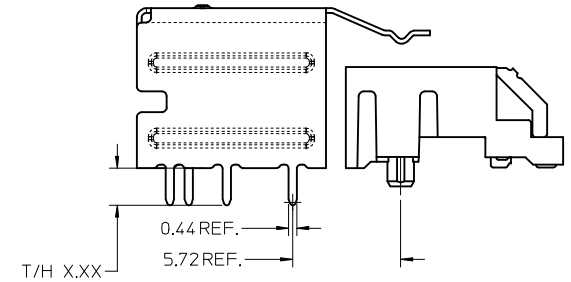
# SHELL PCB INTERFACE



RETENTION-FIT  
SHELL OPTION



SMT SHELL OPTION



THRU-HOLE SHELL OPTION  
SEE TABLE FOR LENGTH  
(X.XX DENOTES TAIL LENGTH)

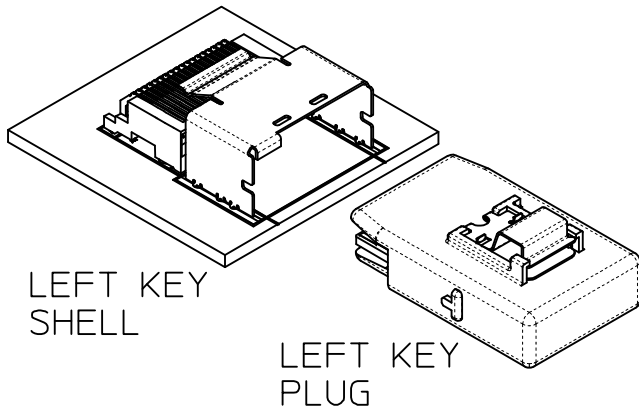
RECOMMENDED PCB THICKNESS  
FOR SPECIFIED TAIL LENGTH

| TAIL LENGTH | PCB THICKNESS |
|-------------|---------------|
| 1.96        | 1.57 (.062)   |
| 2.79        | 2.36 (.093)   |
| 3.18        | 2.79 (.110)   |
| 3.56        | 3.18 (.125)   |

NOTE:  
RETENTION FIT DENOTES TAILS THAT OFFER RETENTION  
TO PCB DURING REFLOW PROCESS  
SMT DENOTES SURFACE MOUNT TERMINATION  
T/H X.XX DENOTES THRU-HOLE TAIL OF LENGTH X.XX

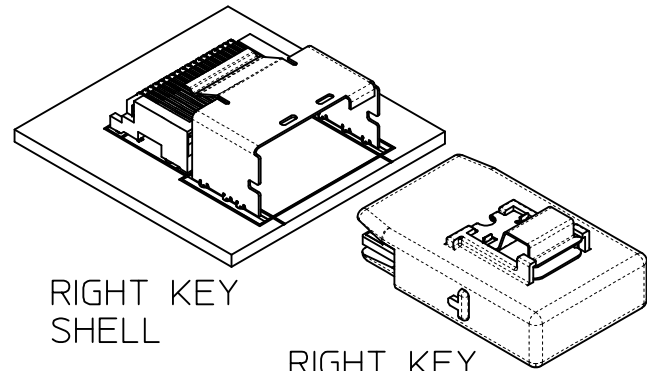
|   |                                      |  |   |   |              |                           |                              |
|---|--------------------------------------|--|---|---|--------------|---------------------------|------------------------------|
| SEE SHEET 1<br>EC NO: UCP2014-2246<br>DRW:KBRINGHAM 2013/12/26<br>CHKD:TMCCLELLAND 2013/12/26<br>APPR:TMCCLELL 2013/12/26 | QUALITY SYMBOLS<br>▽=0<br>▽=0<br>▽=0 | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)   |   | DIMENSION STYLE<br><b>MM ONLY</b>   | SCALE<br>5:1 | DESIGN UNITS<br>METRIC    | THIRD ANGLE PROJECTION       |
|   |                                      | 4 PLACES ± --- ± ---<br>3 PLACES ± --- ± ---<br>2 PLACES ± 0.13 ± ---<br>1 PLACE ± 0.25 ± ---<br>0 PLACE ± ±                     | mm INCH<br>DRAWN BY DATE<br>KLANG 02/09/05<br>CHECKED BY DATE<br>JSWENSON 02/09/05<br>APPROVED BY DATE<br>MBANAKIS 02/02/05 | TITLE<br>I-PASS R/A CONNECTOR<br>INTERNAL ASSY W/SHELL<br>0.8MM PITCH I/O |              | MATERIAL NO.<br>SEE CHART | DOCUMENT NO.<br>SD-75783-001 |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS  |                                      | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |   |   |              |                           |                              |

# KEYING OPTIONS



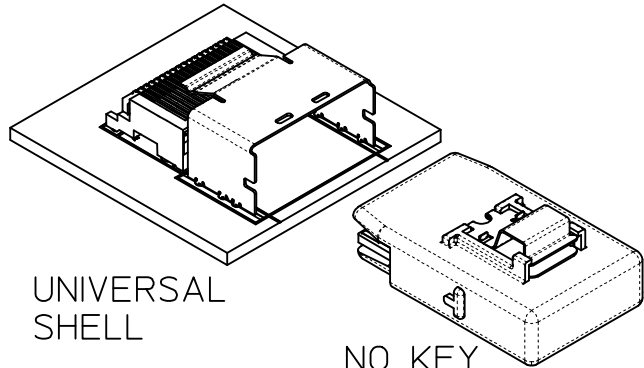
LEFT KEY SHELL

LEFT KEY PLUG



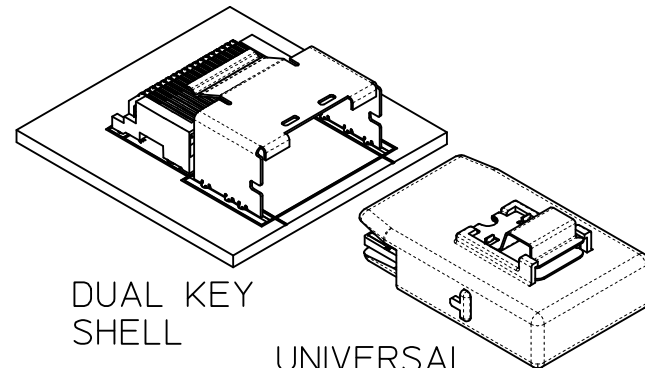
RIGHT KEY SHELL

RIGHT KEY PLUG



UNIVERSAL SHELL

NO KEY PLUG



DUAL KEY SHELL

UNIVERSAL PLUG

|                | UNIVERSAL SHELL | LEFT KEY SHELL | RIGHT KEY SHELL | DUAL KEY SHELL |
|----------------|-----------------|----------------|-----------------|----------------|
| NO KEY PLUG    | YES             | NO             | NO              | NO             |
| LEFT KEY PLUG  | YES             | YES            | NO              | NO             |
| RIGHT KEY PLUG | YES             | NO             | YES             | NO             |
| UNIVERSAL PLUG | YES             | YES            | YES             | YES            |

| SEE SHEET 1<br>EC NO: UCP2014-2246<br>DRW:KBN INGHAM 2013/12/26<br>CHKD:TMCCLELLAND 2013/12/26<br>APPR:TMCCLELL 2013/12/26    | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED)<br><table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± .10</td> <td>± .004</td> </tr> <tr> <td>3 PLACES</td> <td>± .13</td> <td>± .005</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± .005</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± .010</td> </tr> <tr> <td>0 PLACE</td> <td>±</td> <td>±</td> </tr> </table> ANGULAR ±1/2°<br>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |       | mm     | INCH | 4 PLACES | ± .10 | ± .004 | 3 PLACES | ± .13 | ± .005 | 2 PLACES | ± 0.13 | ± .005 | 1 PLACE | ± 0.25 | ± .010 | 0 PLACE | ± | ± | DIMENSION STYLE<br><b>MM ONLY</b><br>DRAWN BY: KLANG<br>DATE: 02/09/05<br>CHECKED BY: JSWENSON<br>DATE: 02/09/05<br>APPROVED BY: MBANAKIS<br>DATE: 02/02/05 | SCALE<br><b>2:1</b><br>DESIGN UNITS<br><b>METRIC</b><br>THIRD ANGLE PROJECTION | I-PASS R/A CONNECTOR<br>INTERNAL ASSY W/SHELL<br>0.8MM PITCH I/O<br><b>molex</b><br>DOCUMENT NO. SD-75783-001<br>SHEET NO. 4 OF 12 |
|---|-----------------|--|-------|--------|------|----------|-------|--------|----------|-------|--------|----------|--------|--------|---------|--------|--------|---------|---|---|---|--|--|
|   |                 |  | mm    | INCH   |      |          |       |        |          |       |        |          |        |        |         |        |        |         |   |   |   |  |  |
|   | 4 PLACES        |  | ± .10 | ± .004 |      |          |       |        |          |       |        |          |        |        |         |        |        |         |   |   |   |  |  |
|   | 3 PLACES        |  | ± .13 | ± .005 |      |          |       |        |          |       |        |          |        |        |         |        |        |         |   |   |   |  |  |
| 2 PLACES  | ± 0.13          | ± .005   |       |        |      |          |       |        |          |       |        |          |        |        |         |        |        |         |   |   |   |  |  |
| 1 PLACE   | ± 0.25          | ± .010   |       |        |      |          |       |        |          |       |        |          |        |        |         |        |        |         |   |   |   |  |  |
| 0 PLACE   | ±               | ±  |       |        |      |          |       |        |          |       |        |          |        |        |         |        |        |         |   |   |   |  |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  | SEE CHART       |  |       |        |      |          |       |        |          |       |        |          |        |        |         |        |        |         |   |   |   |  |  |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | SIZE C          |  |       |        |      |          |       |        |          |       |        |          |        |        |         |        |        |         |   |   |   |  |  |
|   |                 |  |       |        |      |          |       |        |          |       |        |          |        |        |         |        |        |         |   |   |   |  |  |

# 26 CIRCUIT ITEM NUMBERS

| CIRCUIT SIZE | ITEM NUMBER | PLATING OPTION | SHELL PCB OPTION | SHELL KEY OPTION |
|--------------|-------------|----------------|------------------|------------------|
| 26           | 75783-0007  | OPTION 1       | RETENTION        | LEFT             |
| 26           | 75783-0008  | OPTION 1       | RETENTION        | RIGHT            |
| 26           | 75783-0009  | OPTION 1       | RETENTION        | DUAL             |
| 26           | 75783-0010  | OPTION 1       | SMT              | LEFT             |
| 26           | 75783-0011  | OPTION 1       | SMT              | RIGHT            |
| 26           | 75783-0012  | OPTION 1       | SMT              | DUAL             |
| 26           | 75783-0019  | OPTION 2       | RETENTION        | LEFT             |
| 26           | 75783-0020  | OPTION 2       | RETENTION        | RIGHT            |
| 26           | 75783-0021  | OPTION 2       | RETENTION        | DUAL             |
| 26           | 75783-0022  | OPTION 2       | SMT              | LEFT             |
| 26           | 75783-0023  | OPTION 2       | SMT              | RIGHT            |
| 26           | 75783-0024  | OPTION 2       | SMT              | DUAL             |
| 26           | 75783-0025  | OPTION 1       | RETENTION        | UNIVERSAL        |
| 26           | 75783-0026  | OPTION 1       | SMT              | UNIVERSAL        |
| 26           | 75783-0027  | OPTION 2       | RETENTION        | UNIVERSAL        |
| 26           | 75783-0028  | OPTION 2       | SMT              | UNIVERSAL        |
| 26           | 75783-0029  | OPTION 1       | T/H 1.96         | LEFT             |
| 26           | 75783-0030  | OPTION 1       | T/H 1.96         | RIGHT            |
| 26           | 75783-0031  | OPTION 1       | T/H 1.96         | DUAL             |
| 26           | 75783-0032  | OPTION 1       | T/H 1.96         | UNIVERSAL        |
| 26           | 75783-0033  | OPTION 2       | T/H 1.96         | LEFT             |
| 26           | 75783-0034  | OPTION 2       | T/H 1.96         | RIGHT            |
| 26           | 75783-0035  | OPTION 2       | T/H 1.96         | DUAL             |
| 26           | 75783-0036  | OPTION 2       | T/H 1.96         | UNIVERSAL        |

| CIRCUIT SIZE | ITEM NUMBER | PLATING OPTION | SHELL PCB OPTION | SHELL KEY OPTION |
|--------------|-------------|----------------|------------------|------------------|
| 26           | 75783-0037  | OPTION 1       | T/H 2.79         | LEFT             |
| 26           | 75783-0038  | OPTION 1       | T/H 2.79         | RIGHT            |
| 26           | 75783-0039  | OPTION 1       | T/H 2.79         | DUAL             |
| 26           | 75783-0040  | OPTION 1       | T/H 2.79         | UNIVERSAL        |
| 26           | 75783-0041  | OPTION 2       | T/H 2.79         | LEFT             |
| 26           | 75783-0042  | OPTION 2       | T/H 2.79         | RIGHT            |
| 26           | 75783-0043  | OPTION 2       | T/H 2.79         | DUAL             |
| 26           | 75783-0044  | OPTION 2       | T/H 2.79         | UNIVERSAL        |
| 26           | 75783-0045  | OPTION 1       | T/H 3.18         | LEFT             |
| 26           | 75783-0046  | OPTION 1       | T/H 3.18         | RIGHT            |
| 26           | 75783-0047  | OPTION 1       | T/H 3.18         | DUAL             |
| 26           | 75783-0048  | OPTION 1       | T/H 3.18         | UNIVERSAL        |
| 26           | 75783-0049  | OPTION 2       | T/H 3.18         | LEFT             |
| 26           | 75783-0050  | OPTION 2       | T/H 3.18         | RIGHT            |
| 26           | 75783-0051  | OPTION 2       | T/H 3.18         | DUAL             |
| 26           | 75783-0052  | OPTION 2       | T/H 3.18         | UNIVERSAL        |

|   |                 |                         |  |   |                                     |                               |                        |          |            |      |          |          |             |      |          |          |  |  |  |
|---|-----------------|-------------------------|--|---|-------------------------------------|-------------------------------|------------------------|----------|------------|------|----------|----------|-------------|------|----------|----------|--|--|--|
| SEE SHEET 1<br>EC NO: UCP2014-2246<br>DRAWN BY: DRWINKBINGHAM 2013/12/26<br>CHECKED BY: TMCCLLELLAND 2013/12/26<br>APPR: TMCCLLELL 2013/12/26 | QUALITY SYMBOLS | ▽ = 0<br>▽ = 0<br>▽ = 0 | 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 |          |            |      |          |          |             |      |          |          |  |  |  |
|   |                 |                         |  | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">DRAWN BY</td> <td style="width: 50%;">DATE</td> </tr> <tr> <td>KLANG</td> <td>02/09/05</td> </tr> <tr> <td>CHECKED BY</td> <td>DATE</td> </tr> <tr> <td>JSWENSON</td> <td>02/09/05</td> </tr> <tr> <td>APPROVED BY</td> <td>DATE</td> </tr> <tr> <td>MBANAKIS</td> <td>02/02/05</td> </tr> </table> | DRAWN BY                            | DATE                          | KLANG                  | 02/09/05 | CHECKED BY | DATE | JSWENSON | 02/09/05 | APPROVED BY | DATE | MBANAKIS | 02/02/05 | TITLE<br><b>I-PASS R/A CONNECTOR<br/>                 INTERNAL ASSY W/SHELL<br/>                 0.8MM PITCH I/O</b> |  |  |
|   | DRAWN BY        | DATE                    |  |   |                                     |                               |                        |          |            |      |          |          |             |      |          |          |  |  |  |
|   | KLANG           | 02/09/05                |  |   |                                     |                               |                        |          |            |      |          |          |             |      |          |          |  |  |  |
| CHECKED BY  | DATE            |                         |  |   |                                     |                               |                        |          |            |      |          |          |             |      |          |          |  |  |  |
| JSWENSON  | 02/09/05        |                         |  |   |                                     |                               |                        |          |            |      |          |          |             |      |          |          |  |  |  |
| APPROVED BY   | DATE            |                         |  |   |                                     |                               |                        |          |            |      |          |          |             |      |          |          |  |  |  |
| MBANAKIS  | 02/02/05        |                         |  |   |                                     |                               |                        |          |            |      |          |          |             |      |          |          |  |  |  |
|   |                 |                         | ANGULAR ±1/2°<br>DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS   | MATERIAL NO.<br><b>SEE CHART</b>  | DOCUMENT NO.<br><b>SD-75783-001</b> | SHEET NO.<br>5 OF 12          |                        |          |            |      |          |          |             |      |          |          |  |  |  |
| E1  | REV             |                         | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |   |                                     |                               |                        |          |            |      |          |          |             |      |          |          |  |  |  |

# 36 CIRCUIT ITEM NUMBERS

| CIRCUIT SIZE | ITEM NUMBER | PLATING OPTION | SHELL PCB OPTION | SHELL KEY OPTION |
|--------------|-------------|----------------|------------------|------------------|
| 36           | 75783-0107  | OPTION 1       | RETENTION        | LEFT             |
| 36           | 75783-0108  | OPTION 1       | RETENTION        | RIGHT            |
| 36           | 75783-0109  | OPTION 1       | RETENTION        | DUAL             |
| 36           | 75783-0110  | OPTION 1       | SMT              | LEFT             |
| 36           | 75783-0111  | OPTION 1       | SMT              | RIGHT            |
| 36           | 75783-0112  | OPTION 1       | SMT              | DUAL             |
| 36           | 75783-0119  | OPTION 2       | RETENTION        | LEFT             |
| 36           | 75783-0120  | OPTION 2       | RETENTION        | RIGHT            |
| 36           | 75783-0121  | OPTION 2       | RETENTION        | DUAL             |
| 36           | 75783-0122  | OPTION 2       | SMT              | LEFT             |
| 36           | 75783-0123  | OPTION 2       | SMT              | RIGHT            |
| 36           | 75783-0124  | OPTION 2       | SMT              | DUAL             |
| 36           | 75783-0125  | OPTION 1       | RETENTION        | UNIVERSAL        |
| 36           | 75783-0126  | OPTION 1       | SMT              | UNIVERSAL        |
| 36           | 75783-0127  | OPTION 2       | RETENTION        | UNIVERSAL        |
| 36           | 75783-0128  | OPTION 2       | SMT              | UNIVERSAL        |
| 36           | 75783-0129  | OPTION 1       | T/H 1.96         | LEFT             |
| 36           | 75783-0130  | OPTION 1       | T/H 1.96         | RIGHT            |
| 36           | 75783-0131  | OPTION 1       | T/H 1.96         | DUAL             |
| 36           | 75783-0132  | OPTION 1       | T/H 1.96         | UNIVERSAL        |
| 36           | 75783-0133  | OPTION 2       | T/H 1.96         | LEFT             |
| 36           | 75783-0134  | OPTION 2       | T/H 1.96         | RIGHT            |
| 36           | 75783-0135  | OPTION 2       | T/H 1.96         | DUAL             |
| 36           | 75783-0136  | OPTION 2       | T/H 1.96         | UNIVERSAL        |

| CIRCUIT SIZE | ITEM NUMBER | PLATING OPTION | SHELL PCB OPTION | SHELL KEY OPTION |
|--------------|-------------|----------------|------------------|------------------|
| 36           | 75783-0137  | OPTION 1       | T/H 2.79         | LEFT             |
| 36           | 75783-0138  | OPTION 1       | T/H 2.79         | RIGHT            |
| 36           | 75783-0139  | OPTION 1       | T/H 2.79         | DUAL             |
| 36           | 75783-0140  | OPTION 1       | T/H 2.79         | UNIVERSAL        |
| 36           | 75783-0141  | OPTION 2       | T/H 2.79         | LEFT             |
| 36           | 75783-0142  | OPTION 2       | T/H 2.79         | RIGHT            |
| 36           | 75783-0143  | OPTION 2       | T/H 2.79         | DUAL             |
| 36           | 75783-0144  | OPTION 2       | T/H 2.79         | UNIVERSAL        |
| 36           | 75783-0145  | OPTION 1       | T/H 3.18         | LEFT             |
| 36           | 75783-0146  | OPTION 1       | T/H 3.18         | RIGHT            |
| 36           | 75783-0147  | OPTION 1       | T/H 3.18         | DUAL             |
| 36           | 75783-0148  | OPTION 1       | T/H 3.18         | UNIVERSAL        |
| 36           | 75783-0149  | OPTION 2       | T/H 3.18         | LEFT             |
| 36           | 75783-0150  | OPTION 2       | T/H 3.18         | RIGHT            |
| 36           | 75783-0151  | OPTION 2       | T/H 3.18         | DUAL             |
| 36           | 75783-0152  | OPTION 2       | T/H 3.18         | UNIVERSAL        |
| 36           | 75783-0153  | OPTION 1       | T/H 3.56         | LEFT             |
| 36           | 75783-0154  | OPTION 1       | T/H 3.56         | RIGHT            |
| 36           | 75783-0155  | OPTION 1       | T/H 3.56         | DUAL             |
| 36           | 75783-0156  | OPTION 1       | T/H 3.56         | UNIVERSAL        |
| 36           | 75783-0157  | OPTION 2       | T/H 3.56         | LEFT             |
| 36           | 75783-0158  | OPTION 2       | T/H 3.56         | RIGHT            |
| 36           | 75783-0159  | OPTION 2       | T/H 3.56         | DUAL             |
| 36           | 75783-0160  | OPTION 2       | T/H 3.56         | UNIVERSAL        |

|  |                       |  |                                      |   |   |                        |
|--|-----------------------|--|--------------------------------------|---|---|------------------------|
| SEE SHEET 1<br>EC NO: UCP2014-2246<br>DRAWN BY: DRWINKBINGHAM 2013/12/26<br>CHECKED BY: TMCLELLAND 2013/12/26<br>APPR: TMCLELLAND 2013/12/26 | 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 |
|  | ▽=0                   | mm INCH  | DRAWN BY DATE<br>KLANG 02/09/05      | TITLE<br><b>I-PASS R/A CONNECTOR<br/>INTERNAL ASSY W/SHELL<br/>0.8MM PITCH I/O</b>  |   |                        |
|  | ▽=0                   | 4 PLACES ± --- ± ---                                 | CHECKED BY DATE<br>JSWENSON 02/09/05 |   |   |                        |
|  | ▽=0                   | 3 PLACES ± --- ± ---                                 | 2 PLACES ± 0.13 ± ---                | APPROVED BY DATE<br>MBANAKIS 02/02/05   | <b>molex</b><br>DOCUMENT NO. <b>SD-75783-001</b> SHEET NO. <b>6 OF 12</b> |                        |
| ▽=0  | 2 PLACES ± 0.13 ± --- | 1 PLACE ± 0.25 ± ---                                 |                                      |   |   |                        |
|  | 0 PLACE ± ±           | ANGULAR ±1/2°  | MATERIAL NO.                         |   |   |                        |
|  |                       | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | SIZE <b>C</b>                        | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |   |                        |

# 50 CIRCUIT ITEM NUMBERS

| CIRCUIT SIZE | ITEM NUMBER | PLATING OPTION | SHELL PCB OPTION | SHELL KEY OPTION |
|--------------|-------------|----------------|------------------|------------------|
| 50           | 75783-0207  | OPTION 1       | RETENTION        | LEFT             |
| 50           | 75783-0208  | OPTION 1       | RETENTION        | RIGHT            |
| 50           | 75783-0209  | OPTION 1       | RETENTION        | DUAL             |
| 50           | 75783-0210  | OPTION 1       | SMT              | LEFT             |
| 50           | 75783-0211  | OPTION 1       | SMT              | RIGHT            |
| 50           | 75783-0212  | OPTION 1       | SMT              | DUAL             |
| 50           | 75783-0219  | OPTION 2       | RETENTION        | LEFT             |
| 50           | 75783-0220  | OPTION 2       | RETENTION        | RIGHT            |
| 50           | 75783-0221  | OPTION 2       | RETENTION        | DUAL             |
| 50           | 75783-0222  | OPTION 2       | SMT              | LEFT             |
| 50           | 75783-0223  | OPTION 2       | SMT              | RIGHT            |
| 50           | 75783-0224  | OPTION 2       | SMT              | DUAL             |
| 50           | 75783-0225  | OPTION 1       | RETENTION        | UNIVERSAL        |
| 50           | 75783-0226  | OPTION 1       | SMT              | UNIVERSAL        |
| 50           | 75783-0227  | OPTION 2       | RETENTION        | UNIVERSAL        |
| 50           | 75783-0228  | OPTION 2       | SMT              | UNIVERSAL        |
| 50           | 75783-0229  | OPTION 1       | T/H 1.96         | LEFT             |
| 50           | 75783-0230  | OPTION 1       | T/H 1.96         | RIGHT            |
| 50           | 75783-0231  | OPTION 1       | T/H 1.96         | DUAL             |
| 50           | 75783-0232  | OPTION 1       | T/H 1.96         | UNIVERSAL        |
| 50           | 75783-0233  | OPTION 2       | T/H 1.96         | LEFT             |
| 50           | 75783-0234  | OPTION 2       | T/H 1.96         | RIGHT            |
| 50           | 75783-0235  | OPTION 2       | T/H 1.96         | DUAL             |
| 50           | 75783-0236  | OPTION 2       | T/H 1.96         | UNIVERSAL        |

| CIRCUIT SIZE | ITEM NUMBER | PLATING OPTION | SHELL PCB OPTION | SHELL KEY OPTION |
|--------------|-------------|----------------|------------------|------------------|
| 50           | 75783-0237  | OPTION 1       | T/H 2.79         | LEFT             |
| 50           | 75783-0238  | OPTION 1       | T/H 2.79         | RIGHT            |
| 50           | 75783-0239  | OPTION 1       | T/H 2.79         | DUAL             |
| 50           | 75783-0240  | OPTION 1       | T/H 2.79         | UNIVERSAL        |
| 50           | 75783-0241  | OPTION 2       | T/H 2.79         | LEFT             |
| 50           | 75783-0242  | OPTION 2       | T/H 2.79         | RIGHT            |
| 50           | 75783-0243  | OPTION 2       | T/H 2.79         | DUAL             |
| 50           | 75783-0244  | OPTION 2       | T/H 2.79         | UNIVERSAL        |
| 50           | 75783-0245  | OPTION 1       | T/H 3.18         | LEFT             |
| 50           | 75783-0246  | OPTION 1       | T/H 3.18         | RIGHT            |
| 50           | 75783-0247  | OPTION 1       | T/H 3.18         | DUAL             |
| 50           | 75783-0248  | OPTION 1       | T/H 3.18         | UNIVERSAL        |
| 50           | 75783-0249  | OPTION 2       | T/H 3.18         | LEFT             |
| 50           | 75783-0250  | OPTION 2       | T/H 3.18         | RIGHT            |
| 50           | 75783-0251  | OPTION 2       | T/H 3.18         | DUAL             |
| 50           | 75783-0252  | OPTION 2       | T/H 3.18         | UNIVERSAL        |

|   |                 |     |                                       |  |   |  |                        |  |
|---|-----------------|-----|---------------------------------------|--|---|--|------------------------|--|
| SEE SHEET 1<br>EC NO: UCP2014-2246<br>DRAWN BY: DRWINKBINGHAM 2013/12/26<br>CHECKED BY: TMCLELLAND 2013/12/26<br>APPR: TMCLELL 2013/12/26 | 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 |  |
|   | ▽=0             | ▽=0 | ▽=0                                   | mm      INCH   | DRAWN BY      DATE  | I-PASS R/A CONNECTOR<br>INTERNAL ASSY W/SHELL<br>0.8MM PITCH I/O<br><b>molex</b><br>DOCUMENT NO. SD-75783-001      SHEET NO. 7 OF 12 |                        |  |
|   | ▽=0             | ▽=0 | ▽=0                                   | 4 PLACES ± --- ± ---                                 | CHECKED BY      DATE  |  |                        |  |
|   | ▽=0             | ▽=0 | ▽=0                                   | 3 PLACES ± --- ± ---                                 | APPROVED BY      DATE   |  |                        |  |
|   | ▽=0             | ▽=0 | ▽=0                                   | 2 PLACES ± 0.13 ± ---                                | MATERIAL NO.  |  |                        |  |
| ▽=0   | ▽=0             | ▽=0 | 1 PLACE ± 0.25 ± ---                  | SEE CHART  |   |  |                        |  |
| ▽=0   | ▽=0             | ▽=0 | 0 PLACE ±      ±                      | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                        |  |

# 68 CIRCUIT ITEM NUMBERS

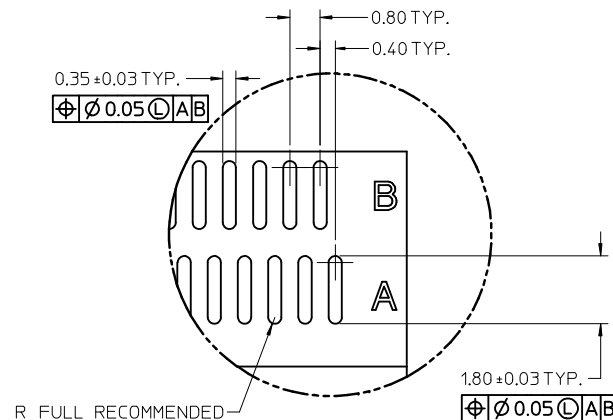
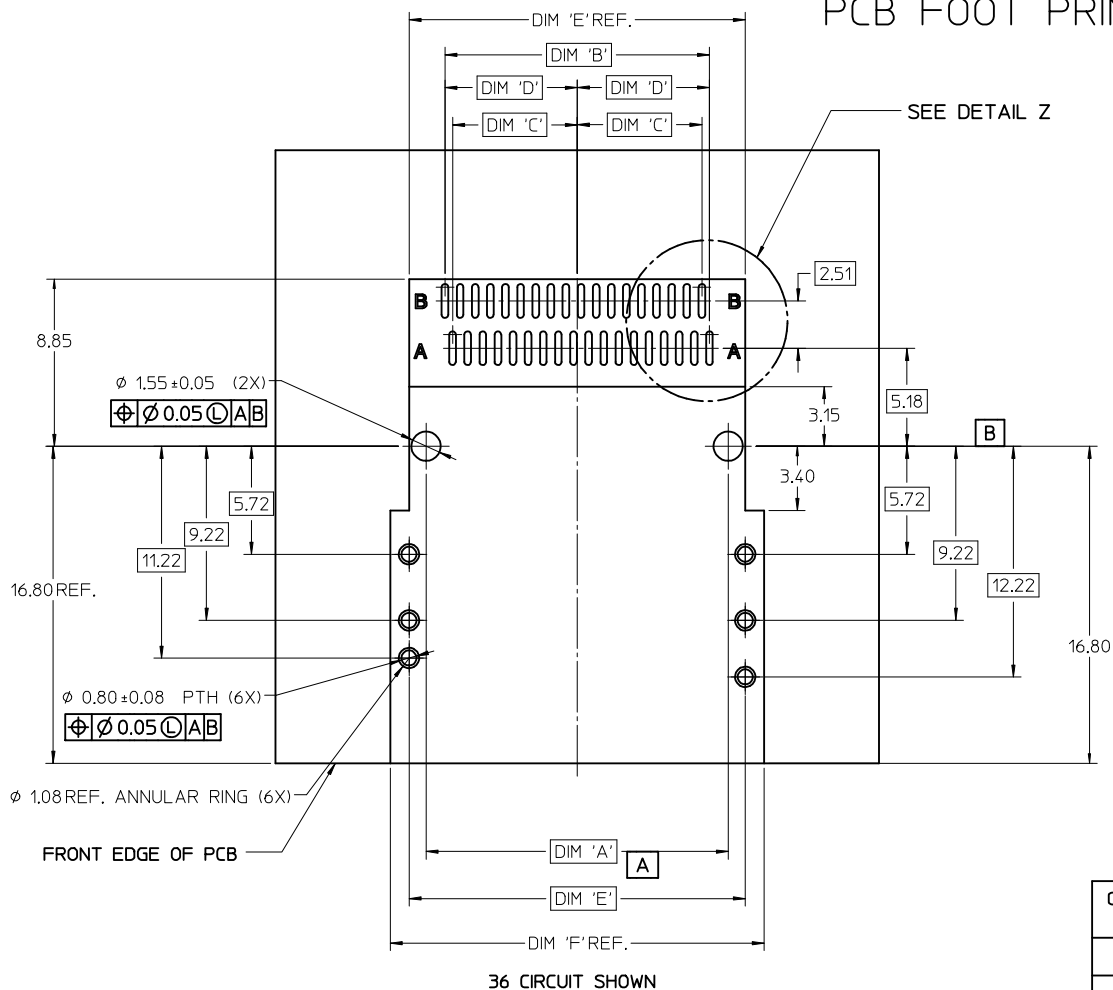
| CIRCUIT SIZE | ITEM NUMBER | PLATING OPTION | SHELL PCB OPTION | SHELL KEY OPTION |
|--------------|-------------|----------------|------------------|------------------|
| 68           | 75783-0307  | OPTION 1       | RETENTION        | LEFT             |
| 68           | 75783-0308  | OPTION 1       | RETENTION        | RIGHT            |
| 68           | 75783-0309  | OPTION 1       | RETENTION        | DUAL             |
| 68           | 75783-0310  | OPTION 1       | SMT              | LEFT             |
| 68           | 75783-0311  | OPTION 1       | SMT              | RIGHT            |
| 68           | 75783-0312  | OPTION 1       | SMT              | DUAL             |
| 68           | 75783-0319  | OPTION 2       | RETENTION        | LEFT             |
| 68           | 75783-0320  | OPTION 2       | RETENTION        | RIGHT            |
| 68           | 75783-0321  | OPTION 2       | RETENTION        | DUAL             |
| 68           | 75783-0322  | OPTION 2       | SMT              | LEFT             |
| 68           | 75783-0323  | OPTION 2       | SMT              | RIGHT            |
| 68           | 75783-0324  | OPTION 2       | SMT              | DUAL             |
| 68           | 75783-0325  | OPTION 1       | RETENTION        | UNIVERSAL        |
| 68           | 75783-0326  | OPTION 1       | SMT              | UNIVERSAL        |
| 68           | 75783-0327  | OPTION 2       | RETENTION        | UNIVERSAL        |
| 68           | 75783-0328  | OPTION 2       | SMT              | UNIVERSAL        |
| 68           | 75783-0329  | OPTION 1       | T/H 1.96         | LEFT             |
| 68           | 75783-0330  | OPTION 1       | T/H 1.96         | RIGHT            |
| 68           | 75783-0331  | OPTION 1       | T/H 1.96         | DUAL             |
| 68           | 75783-0332  | OPTION 1       | T/H 1.96         | UNIVERSAL        |
| 68           | 75783-0333  | OPTION 2       | T/H 1.96         | LEFT             |
| 68           | 75783-0334  | OPTION 2       | T/H 1.96         | RIGHT            |
| 68           | 75783-0335  | OPTION 2       | T/H 1.96         | DUAL             |
| 68           | 75783-0336  | OPTION 2       | T/H 1.96         | UNIVERSAL        |

| CIRCUIT SIZE | ITEM NUMBER | PLATING OPTION | SHELL PCB OPTION | SHELL KEY OPTION |
|--------------|-------------|----------------|------------------|------------------|
| 68           | 75783-0337  | OPTION 1       | T/H 2.79         | LEFT             |
| 68           | 75783-0338  | OPTION 1       | T/H 2.79         | RIGHT            |
| 68           | 75783-0339  | OPTION 1       | T/H 2.79         | DUAL             |
| 68           | 75783-0340  | OPTION 1       | T/H 2.79         | UNIVERSAL        |
| 68           | 75783-0341  | OPTION 2       | T/H 2.79         | LEFT             |
| 68           | 75783-0342  | OPTION 2       | T/H 2.79         | RIGHT            |
| 68           | 75783-0343  | OPTION 2       | T/H 2.79         | DUAL             |
| 68           | 75783-0344  | OPTION 2       | T/H 2.79         | UNIVERSAL        |
| 68           | 75783-0345  | OPTION 1       | T/H 3.18         | LEFT             |
| 68           | 75783-0346  | OPTION 1       | T/H 3.18         | RIGHT            |
| 68           | 75783-0347  | OPTION 1       | T/H 3.18         | DUAL             |
| 68           | 75783-0348  | OPTION 1       | T/H 3.18         | UNIVERSAL        |
| 68           | 75783-0349  | OPTION 2       | T/H 3.18         | LEFT             |
| 68           | 75783-0350  | OPTION 2       | T/H 3.18         | RIGHT            |
| 68           | 75783-0351  | OPTION 2       | T/H 3.18         | DUAL             |
| 68           | 75783-0352  | OPTION 2       | T/H 3.18         | UNIVERSAL        |

|   |                 |  |                                   |                           |                               |  |
|---|-----------------|--|-----------------------------------|---------------------------|-------------------------------|--|
| SEE SHEET 1<br>EC NO: UCP2014-2246<br>DRAWN BY: DRWINKBINGHAM 2013/12/26<br>CHECKED BY: TMCLELLAND 2013/12/26<br>APPR: TMCLELL 2013/12/26 | 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   |
|   | ▽=0             | ▽=0  | ▽=0                               | DRAWN BY<br>KLANG         | DATE<br>02/09/05              | TITLE<br><b>I-PASS R/A CONNECTOR<br/>                 INTERNAL ASSY W/SHELL<br/>                 0.8MM PITCH I/O</b><br><br><b>molex</b> |
|   | ▽=0             | ▽=0  | ▽=0                               | CHECKED BY<br>JSWENSON    | DATE<br>02/09/05              |  |
|   | ▽=0             | ▽=0  | ▽=0                               | APPROVED BY<br>MBANAK I S | DATE<br>02/02/05              |  |
| ▽=0   | ▽=0             | ▽=0  | MATERIAL NO.                      | DOCUMENT NO.              |                               |  |
| E1  | REV             | ANGULAR ±1/2°<br>DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS | SIZE<br>C                         | SEE CHART                 | SD-75783-001                  | SHEET NO.<br>8 OF 12   |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION             |                 |  |                                   |                           |                               |  |



# RIGHT ANGLE CONNECTOR WITH RETENTION FIT & THRU-HOLE SHELL PCB FOOT PRINT

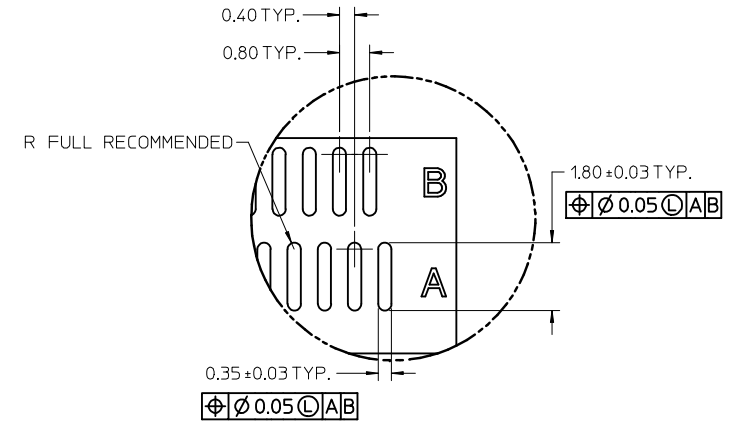
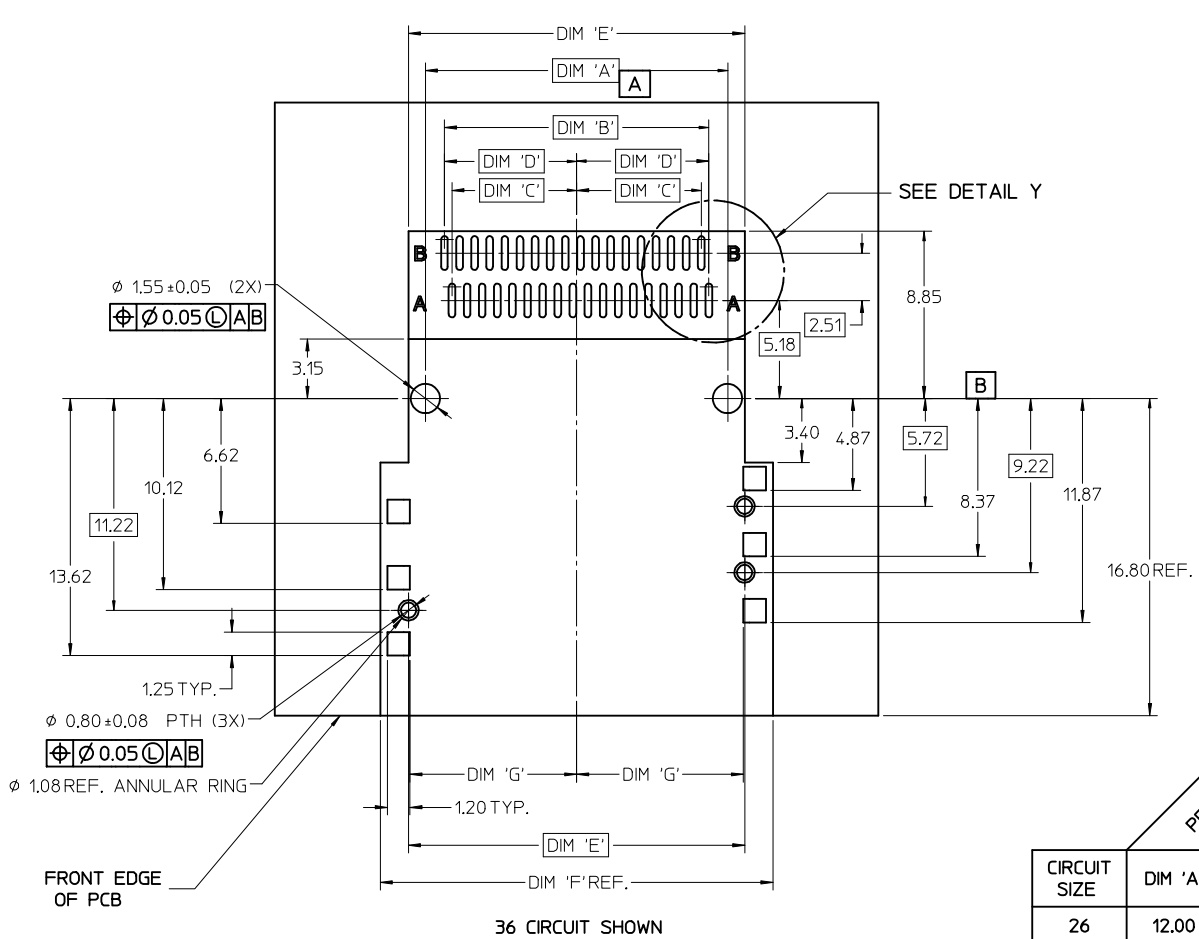


DETAIL Z  
SCALE 10:1

|              | PEG TO PEG | FIRST PAD TO LAST PAD | CENTERLINE TO PAD | CENTERLINE TO PAD | CONNECTOR WIDTH SHELL PEG TO PEG | SHELL FOOTPRINT WIDTH |
|--------------|------------|-----------------------|-------------------|-------------------|----------------------------------|-----------------------|
| CIRCUIT SIZE | DIM 'A'    | DIM 'B'               | DIM 'C'           | DIM 'D'           | DIM 'E'                          | DIM 'F'               |
| 26           | 12.00      | 10.00                 | 4.60              | 5.00              | 13.80                            | 15.80                 |
| 36           | 16.00      | 14.00                 | 6.60              | 7.00              | 17.80                            | 19.80                 |
| 50           | 21.60      | 19.60                 | 9.40              | 9.80              | 23.40                            | 25.40                 |
| 68           | 28.80      | 26.80                 | 13.00             | 13.40             | 30.60                            | 32.60                 |

|   |                       |                                       |  |                     |  |                        |  |
|---|-----------------------|---------------------------------------|--|---------------------|--|------------------------|--|
| SEE SHEET 1<br>EC NO: UCP2014-2246<br>DRW: KLANG 2013/12/26<br>CHKD: MCLELLAND 2013/12/26<br>APPR: MCLELLAND 2013/12/26 | QUALITY SYMBOLS       | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE<br><b>MM ONLY</b>                    | SCALE<br><b>5:1</b> | DESIGN UNITS<br><b>METRIC</b>  | THIRD ANGLE PROJECTION |  |
|   | ▽=0                   | mm    INCH                            | DRAWN BY<br>KLANG                                    | DATE<br>02/09/05    | I-PASS R/A CONNECTOR<br>INTERNAL ASSY W/SHELL<br>0.8MM PITCH I/O<br><b>molex</b><br>DOCUMENT NO. SD-75783-001<br>SHEET NO. 9 OF 12 |                        |  |
|   | ▽=0                   | 4 PLACES ± --- ± ---                  | CHECKED BY<br>JSWENSON                               | DATE<br>02/09/05    |  |                        |  |
|   | ▽=0                   | 3 PLACES ± --- ± ---                  | APPROVED BY<br>MBANAKIS                              | DATE<br>02/02/05    |  |                        |  |
| ▽=0   | 2 PLACES ± 0.13 ± --- | MATERIAL NO.<br><b>SEE CHART</b>      |  |                     |  |                        |  |
|   |                       | 1 PLACE ± 0.25 ± ---                  | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                     |  |                        |  |
|   |                       | 0 PLACE ± ±                           | ANGULAR ±1/2°  |                     |  |                        |  |
|   |                       |                                       | SIZE C   |                     |  |                        |  |

# RIGHT ANGLE CONNECTOR WITH SMT SHELL PCB FOOT PRINT

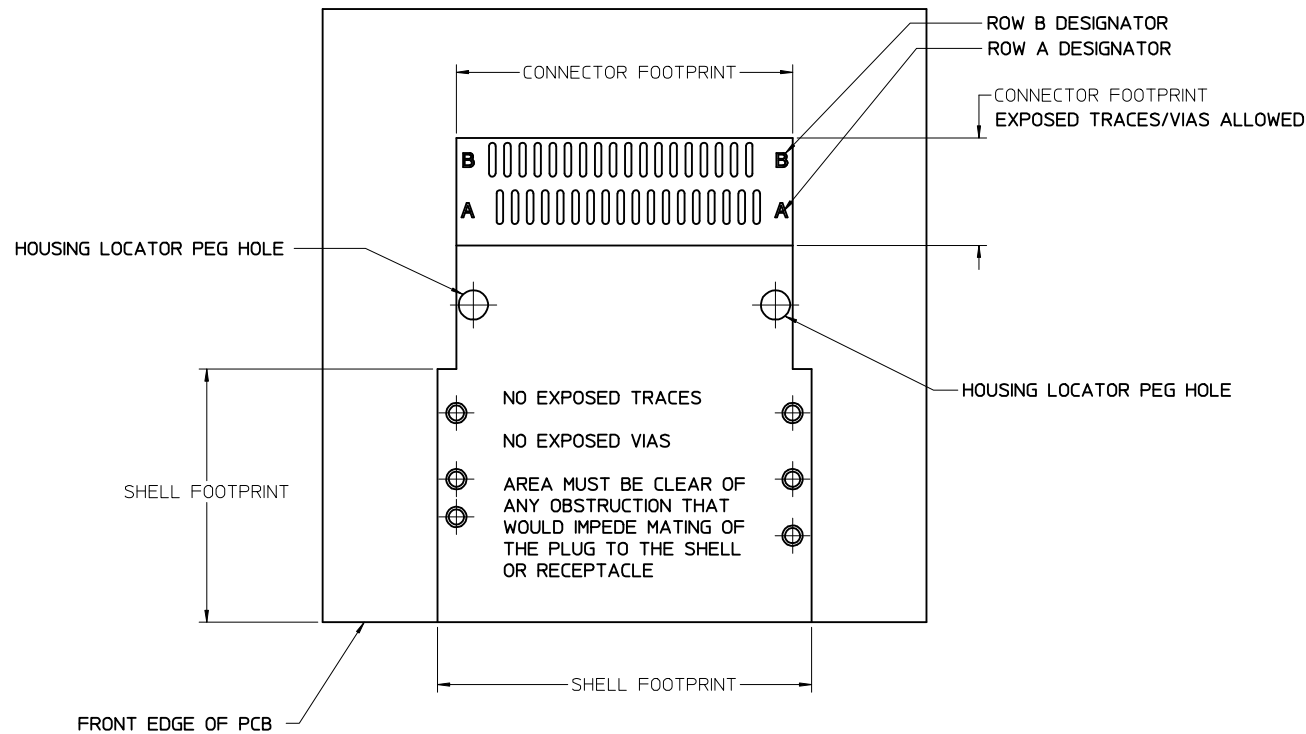


DETAIL Y  
SCALE 10:1

| CIRCUIT SIZE | DIMENSIONS (mm) |                       |                   |                   |                                  |                       |                        |
|--------------|-----------------|-----------------------|-------------------|-------------------|----------------------------------|-----------------------|------------------------|
|              | PEG TO PEG      | FIRST PAD TO LAST PAD | CENTERLINE TO PAD | CENTERLINE TO PAD | CONNECTOR WIDTH SHELL PEG TO PEG | SHELL FOOTPRINT WIDTH | CENTERLINE TO PAD EDGE |
|              | DIM 'A'         | DIM 'B'               | DIM 'C'           | DIM 'D'           | DIM 'E'                          | DIM 'F'               | DIM 'G'                |
| 26           | 12.00           | 10.00                 | 4.60              | 5.00              | 13.80                            | 16.80                 | 6.825                  |
| 36           | 16.00           | 14.00                 | 6.60              | 7.00              | 17.80                            | 20.80                 | 8.825                  |
| 50           | 21.60           | 19.60                 | 9.40              | 9.80              | 23.40                            | 26.40                 | 11.625                 |
| 68           | 28.80           | 26.80                 | 13.00             | 13.40             | 30.60                            | 33.60                 | 15.225                 |

|   |                                      |                                       |                      |                                   |                  |   |                               |                        |  |
|---|--------------------------------------|---------------------------------------|----------------------|-----------------------------------|------------------|---|-------------------------------|------------------------|--|
| SEE SHEET 1<br>EC NO: UCP2014-2246<br>DRW: KBLINGHAM 2013/12/26<br>CHKD: MCLELLAND 2013/12/26<br>APPR: MCLELLAND 2013/12/26 | QUALITY SYMBOLS<br>▽=0<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) |                      | DIMENSION STYLE<br><b>MM ONLY</b> |                  | SCALE<br><b>5:1</b>   | DESIGN UNITS<br><b>METRIC</b> | THIRD ANGLE PROJECTION |  |
|   |                                      | 4 PLACES ± --- ± ---                  | 3 PLACES ± --- ± --- | DRAWN BY<br>KLANG                 | DATE<br>02/09/05 | I-PASS R/A CONNECTOR<br>INTERNAL ASSY W/SHELL<br>0.8MM PITCH I/O<br><b>molex</b><br>DOCUMENT NO. SD-75783-001<br>SHEET NO. 10 OF 12 |                               |                        |  |
|   |                                      | 2 PLACES ± 0.13 ± ---                 | 1 PLACE ± 0.25 ± --- | CHECKED BY<br>JSWENSON            | DATE<br>02/09/05 |   |                               |                        |  |
|   |                                      | 0 PLACE ± ±                           | ANGULAR ±1/2°        | APPROVED BY<br>MBANAKIS           | DATE<br>02/02/05 |   |                               |                        |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |                                      | MATERIAL NO.<br><b>SEE CHART</b>      |                      |                                   |                  |   |                               |                        |  |

# RIGHT ANGLE CONNECTOR WITH SHELL PCB FOOT PRINT DESCRIPTIONS

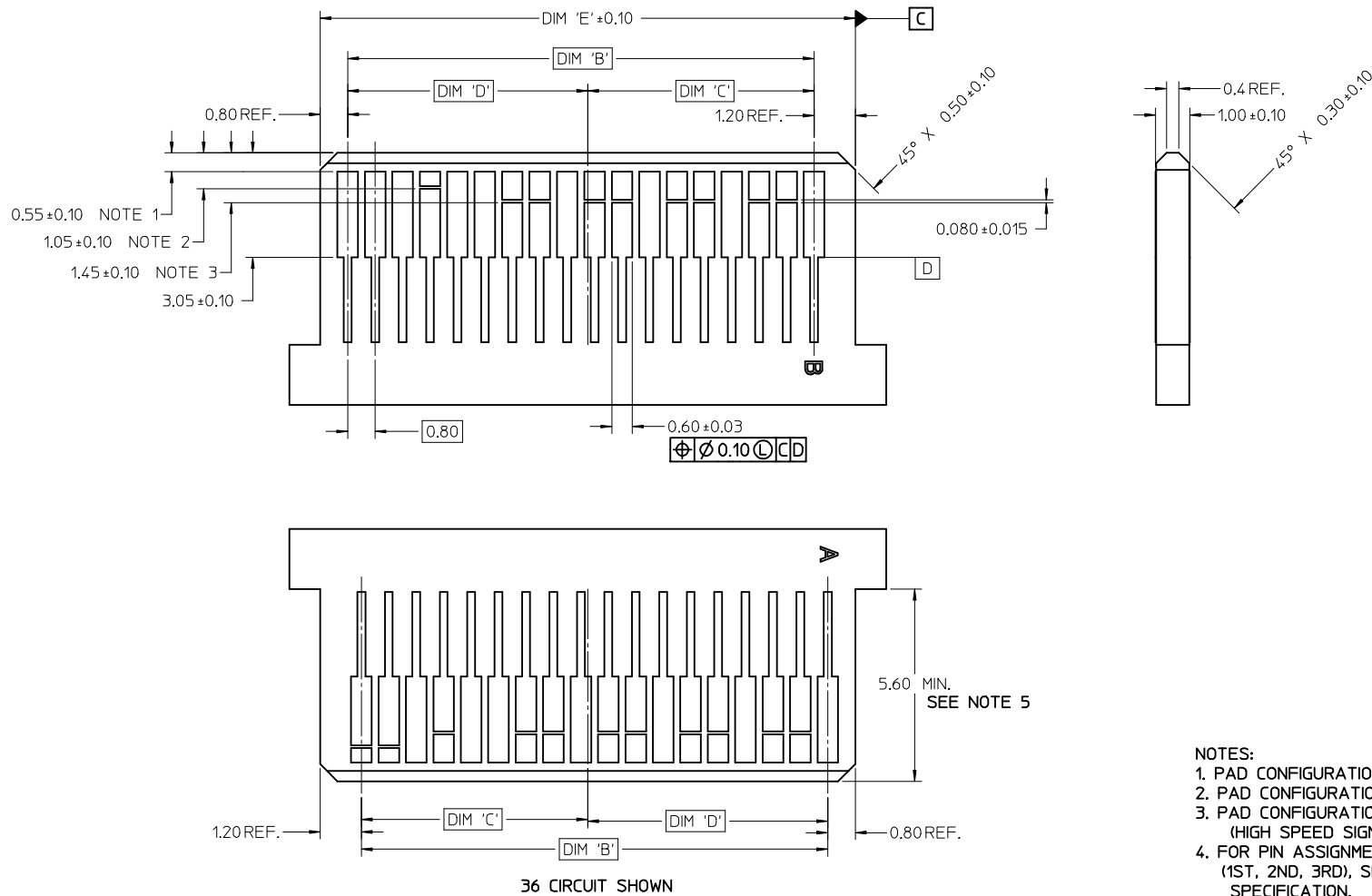


36 CIRCUIT SHOWN

NOTE: IF RECEPTACLE AND SHELL ARE NOT PLACED AT EDGE OF PCB AS SHOWN, ADDITIONAL CLEARANCE IS NEEDED FOR BODY OF PLUG AND CABLE

|   |          |   |                                       |     |  |              |  |                         |                        |  |  |  |  |
|---|----------|---|---------------------------------------|-----|--|--------------|--|-------------------------|------------------------|--|--|--|--|
| SEE SHEET 1<br>EC NO: UCP2014-2246<br>DRW:KINGHAM 2013/12/26<br>CHKD:MCLELLAND 2013/12/26<br>APPR:MCLELL 2013/12/26 | REV<br>1 | DESCRIPTION<br>QUALITY SYMBOLS<br>▽=0<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) |     | DIMENSION STYLE<br><b>MM ONLY</b>                    |              | SCALE<br>5:1   | DESIGN UNITS<br>METRIC  | THIRD ANGLE PROJECTION |  |  |  |  |
|   |          |   | 4 PLACES                              | ±   | ---  | ±            | ---  | DRAWN BY<br>KLANG       | DATE<br>02/09/05       | I-PASS R/A CONNECTOR<br>INTERNAL ASSY W/SHELL<br>0.8MM PITCH I/O<br>SD-75783-001 |  |  |  |
|   |          |   | 3 PLACES                              | ±   | ---  | ±            | ---  | CHECKED BY<br>JSWENSON  | DATE<br>02/09/05       |  |  |  |  |
|   |          |   | 2 PLACES                              | ±   | 0.13   | ±            | ---  | APPROVED BY<br>MBANAKIS | DATE<br>02/02/05       |  |  |  |  |
| 1 PLACE   | ±        | 0.25  | ±                                     | --- | MATERIAL NO.   | DOCUMENT NO. |  |                         |                        |  |  |  |  |
| 0 PLACE   | ±        |   | ±                                     |     | SEE CHART  |              |  |                         | SHEET NO.<br>11 OF 12  |  |  |  |  |
|   |          |   | ANGULAR ±1/2°                         |     | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |              | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX. INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                         |                        |  |  |  |  |

# MATING INTERFACE (FOR REFERENCE ONLY)



- NOTES:
- PAD CONFIGURATION FOR FIRST MATE.
  - PAD CONFIGURATION FOR SECOND MATE.
  - PAD CONFIGURATION FOR THIRD MATE.  
(HIGH SPEED SIGNALS)
  - FOR PIN ASSIGNMENTS AND MATING SEQUENCE  
(1ST, 2ND, 3RD), SEE APPLICABLE  
SPECIFICATION.
  - MINIMUM STEP REQUIRED IF PCB MADE  
WIDER THAN TONGUE.

| CIRCUIT SIZE | TERM/SIDE 'N' | DIM 'B' | DIM 'C' | DIM 'D' | DIM 'E' |
|--------------|---------------|---------|---------|---------|---------|
| 26           | 13            | 9.60    | 4.60    | 5.00    | 11.60   |
| 36           | 18            | 13.60   | 6.60    | 7.00    | 15.60   |
| 50           | 25            | 19.20   | 9.40    | 9.80    | 21.20   |
| 68           | 34            | 26.40   | 13.00   | 13.40   | 28.40   |

| REV | DESCRIPTION                 |
|-----|-----------------------------|
| 1   | SEE SHEET 1                 |
| 2   | EC NO: UCP2014-2246         |
| 3   | DRWN:K8 INGHAM 2013/12/26   |
| 4   | CHKD:TWCCLELLAND 2013/12/26 |
| 5   | APPR:TWCCLELL 2013/12/26    |

| 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   | SCALE        | DESIGN UNITS   | THIRD ANGLE PROJECTION |
|---|--------------|--|------------------------|
| MM ONLY   | 10:1         | METRIC   |                        |
| DRAWN BY  | DATE         | TITLE  |                        |
| KLANG   | 02/09/05     | I-PASS R/A CONNECTOR<br>INTERNAL ASSY W/SHELL<br>0.8MM PITCH I/O |                        |
| CHECKED BY  | DATE         |  |                        |
| JSWENSON  | 02/09/05     |  |                        |
| APPROVED BY   | DATE         |  |                        |
| MBANAK I S  | 02/02/05     |  |                        |
| MATERIAL NO.  | DOCUMENT NO. |  |                        |
| SEE CHART   | SD-75783-001 |  |                        |
| SIZE  |              |  | SHEET NO.<br>12 OF 12  |
| C   |              |  |                        |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |              |  |                        |