

## Excellent Integrated System Limited

Stocking Distributor

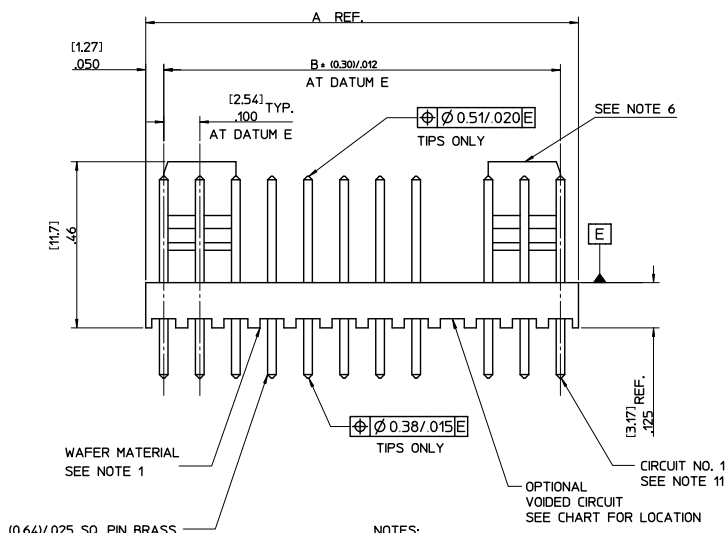
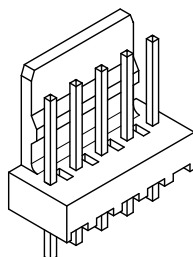
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)  
[0022272161](#)

For any questions, you can email us directly:

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

| NO. OF CCTS | DIMN. "A"              | DIMN. "B"              |
|-------------|------------------------|------------------------|
| 2           | ( 5.08 )<br>( .200 )   | ( 2.54 )<br>( .100 )   |
| 3           | ( 7.62 )<br>( .300 )   | ( 5.08 )<br>( .200 )   |
| 4           | ( 10.16 )<br>( .400 )  | ( 7.62 )<br>( .300 )   |
| 5           | ( 12.70 )<br>( .500 )  | ( 10.16 )<br>( .400 )  |
| 6           | ( 15.24 )<br>( .600 )  | ( 12.70 )<br>( .500 )  |
| 7           | ( 17.78 )<br>( .700 )  | ( 15.24 )<br>( .600 )  |
| 8           | ( 20.32 )<br>( .800 )  | ( 17.78 )<br>( .700 )  |
| 9           | ( 22.86 )<br>( .900 )  | ( 20.32 )<br>( .800 )  |
| 10          | ( 25.40 )<br>( 1.000 ) | ( 22.86 )<br>( .900 )  |
| 11          | ( 27.94 )<br>( 1.100 ) | ( 25.40 )<br>( 1.000 ) |
| 12          | ( 30.48 )<br>( 1.200 ) | ( 27.94 )<br>( 1.100 ) |
| 13          | ( 33.02 )<br>( 1.300 ) | ( 30.48 )<br>( 1.200 ) |
| 14          | ( 35.56 )<br>( 1.400 ) | ( 33.02 )<br>( 1.300 ) |
| 15          | ( 38.10 )<br>( 1.500 ) | ( 35.56 )<br>( 1.400 ) |
| 16          | ( 40.64 )<br>( 1.600 ) | ( 38.10 )<br>( 1.500 ) |



AE-6410- N \* (\*) - \*

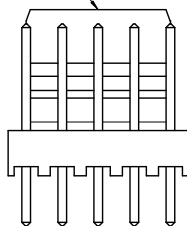
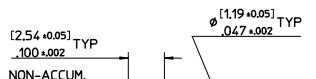
NO. OF CCTS

WAFAER ASSY.  
OPTION

VOIDED CIRCUIT CODE  
NO. CORRESPONDS TO  
CIRCUIT NO. VOIDED.  
MULTIPLE VOIDS START  
WITH 51  
BLANK = NONE

PLATING TYPE

SEE NOTE 6



| CHANGE PLATING | EC NO.      | DATE       | DESCRIPTION | REV |
|----------------|-------------|------------|-------------|-----|
| UCP2012-1821   | 2011/12/28  | 2012/01/03 | 2012/02/02  | BC  |
| DRW:MSR/HR     | CHK:K/PIPER | APPR:SMITH |             |     |

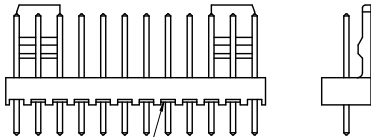
| QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) |
|-----------------|---------------------------------------|
| ▽=0             | 4 PLACES ± .005                       |
| ▽=0             | 3 PLACES ± .010                       |
| ▽=0             | 2 PLACES ± .025                       |
| ▽=0             | 1 PLACE ± .035                        |
|                 | ANGULAR ± .5°                         |

| DIMENSION STYLE | SCALE        | DESIGN UNITS          | THIRD ANGLE PROJECTION |
|-----------------|--------------|-----------------------|------------------------|
| MM/IN           | 5:1          | METRIC                |                        |
| DRAWN BY        | DATE         | TITLE                 |                        |
| T. MAHON        | 28/01/03     | WAFAER, FRICTION LOCK |                        |
| CHECKED BY      | DATE         | KK (2.54)/.100 FOR    |                        |
| BMAGUIRE        | 28/01/03     | (0.64)/.025 SQ. PINS  |                        |
| APPROVED BY     | DATE         | MOLEX INCORPORATED    |                        |
| JDENNEHY        | 2005/03/11   | MOLEX INCORPORATED    |                        |
| MATERIAL NO.    | DOCUMENT NO. | SDAE-6410-N           |                        |
|                 |              |                       | SHEET NO. 1 OF 4       |

| GENERAL TOLERANCES (UNLESS SPECIFIED)                | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                                                                                                                               |

| GENERAL TOLERANCES (UNLESS SPECIFIED)                | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                                                                                                                               |

| ENG. NO.        |    | AE-6410-NA ( 222 )            | AE-6410-NC ( 197 )            | AE-6410-NH ( 197 )            | AE-6410-NJ ( 197 )            | AE-6410-NL ( 154 )            | AE-6410-NM ( 154 )            |
|-----------------|----|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| DIMN. "D"       |    | (7.50)<br>.295                | (7.14)<br>.281                | (7.49)<br>.295                | (18.80)<br>.740               | (8.58)<br>.338                | (7.62)<br>.300                |
| DIMN. "C"       |    | ( 14.22 ) / .560              | ( 20.32 ) / .800              | ( 14.98 ) / .590              | ( 25.40 ) / 1.000             | ( 23.88 ) / .940              | ( 20.32 ) / .800              |
| DIMN. "F"       |    | ( 3.56 ) / .140 REF           | ( 10.00 ) / .394 REF          | ( 4.32 ) / .170 REF           | ( 3.43 ) / .135 REF           | ( 12.13 ) / .477 REF          | ( 9.53 ) / .375 REF           |
| DIMN. "G"       |    | N/A                           | N/A                           | N/A                           | N/A                           | N/A                           | N/A                           |
| DIMN. "T"       |    | OVERALL                       | OVERALL                       | OVERALL                       | OVERALL                       | OVERALL                       | OVERALL                       |
| PLATING         |    | 222                           | 197                           | 197                           | 197                           | 154                           | 154                           |
| NO. OF CIRCUITS | 2  | AE-6410-2A(222)<br>22-27-2021 | AE-6410-2C(197)<br>38-00-6292 | AE-6410-2H(197)<br>38-00-6754 | AE-6410-2J(197)<br>NOT TOOLED | AE-6410-2L(154)<br>NOT TOOLED | AE-6410-2M(154)<br>NOT TOOLED |
|                 | 3  | 3 A(222) 2031                 | 3 C(197) 6293                 | 3 H(197) NOT TOOLED           | 3 J(102) NOT TOOLED           | 3 L(154) NOT TOOLED           | 3 M(154) NOT TOOLED           |
|                 | 4  | 4 A(222) 2041                 | 4 C(197) 6294                 | 4 H(197) 22-27-2046           | 4 J(102) NOT TOOLED           | 4 L(154) NOT TOOLED           | 4 M(154) NOT TOOLED           |
|                 | 5  | 5 A(222) 2051                 | 5 C(197) 6295                 | 5 H(197) NOT TOOLED           | 5 J(102) 22-27-2057           | 5 L(154) NOT TOOLED           | 5 M(154) NOT TOOLED           |
|                 | 6  | 6 A(222) 2061                 | 6 C(197) 6296                 | 6 H(197) NOT TOOLED           | 6 J(102) NOT TOOLED           | 6 L(154) NOT TOOLED           | 6 M(154) NOT TOOLED           |
|                 | 7  | 7 A(222) 2071                 | 7 C(197) 6297                 | 7 H(197) NOT TOOLED           | 7 J(102) NOT TOOLED           | 7 L(154) NOT TOOLED           | 7 M(154) NOT TOOLED           |
|                 | 8  | 8 A(222) 2081                 | 8 C(197) 6298                 | 8 H(197) NOT TOOLED           | 8 J(102) 22-27-2087           | 8 L(154) NOT TOOLED           | 8 M(154) NOT TOOLED           |
|                 | 9  | 9 A(222) 2091                 | 9 C(197) 6299                 | 9 H(197) NOT TOOLED           | 9 J(102) NOT TOOLED           | 9 L(154) NOT TOOLED           | 9 M(154) NOT TOOLED           |
|                 | 10 | 10 A(222) 2101                | 10 C(197) 6300                | 10 H(197) NOT TOOLED          | 10 J(102) NOT TOOLED          | 10 L(154) NOT TOOLED          | 10 M(154) NOT TOOLED          |
|                 | 11 | 11 A(222) 2111                | 11 C(197) 6301                | 11 H(197) NOT TOOLED          | 11 J(102) NOT TOOLED          | 11 L(154) NOT TOOLED          | 11 M(154) NOT TOOLED          |
|                 | 12 | 12 A(222) 2121                | 12 C(197) 6302                | 12 H(197) 22-27-2126          | 12 J(102) NOT TOOLED          | 12 L(154) NOT TOOLED          | 12 M(154) NOT TOOLED          |
|                 | 13 | 13 A(222) 2131                | 13 C(197) 6303                | 13 H(197) NOT TOOLED          | 13 J(102) NOT TOOLED          | 13 L(154) NOT TOOLED          | 13 M(154) NOT TOOLED          |
|                 | 14 | 14 A(222) 2141                | 14 C(197) 6304                | 14 H(197) NOT TOOLED          | 14 J(102) NOT TOOLED          | 14 L(154) NOT TOOLED          | 14 M(154) NOT TOOLED          |
|                 | 15 | 15 A(222) 2151                | 15 C(197) 6305                | 15 H(197) NOT TOOLED          | 15 J(102) NOT TOOLED          | 15 L(154) 38-00-1736          | 15 M(154) NOT TOOLED          |
|                 | 16 | AE-6410-2A(222)<br>22-27-2161 | AE-6410-2C(197)<br>38-00-6306 | AE-6410-2H(197)<br>NOT TOOLED | AE-6410-2J(197)<br>NOT TOOLED | AE-6410-2L(154)<br>NOT TOOLED | AE-6410-2M(154)<br>NOT TOOLED |



RIBS ADDED  
(4-16 CCTS. ONLY)

ALTERNATIVE WAFER CONFIGURATION

|                   |                     |            |             |                                                                                        |                                                      |                                                                                                                               |                 |             |              |                                                                                                          |                                                                                                              |           |
|-------------------|---------------------|------------|-------------|----------------------------------------------------------------------------------------|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------------|----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-----------|
| SEE SHEET 1<br>BC | 1011/12/22          | 2011/12/22 | DESCRIPTION | QUALITY SYMBOLS                                                                        | GENERAL TOLERANCES (UNLESS SPECIFIED)                |                                                                                                                               | DIMENSION STYLE |             | SCALE        | DESIGN UNITS                                                                                             |  THIRD ANGLE PROJECTION |           |
|                   | EC NO: UCP2012-1821 | 2012/02/02 |             |                                                                                        |                                                      | MM/IN                                                                                                                         | 4:1             | METRIC      |              |                                                                                                          |                                                                                                              |           |
|                   | DSWAM201207         | 2012/02/02 |             |  =0 |                                                      | mm                                                                                                                            | INCH            | DRAWN BY    | DATE         | TITLE                                                                                                    |                                                                                                              |           |
|                   | CHFKDQ PER          |            |             |  =0 | 4 PLACES                                             | ± .005                                                                                                                        | ± .005          | T. MAHON    | 28/01/03     | WAIVER, FRICTION LOCK                                                                                    |                                                                                                              |           |
|                   | APPROV.FTH          |            |             |  =0 | 3 PLACES                                             | ± .010                                                                                                                        | ± .010          | CHECKED BY  | DATE         | KK (2.54)/.100 FOR                                                                                       |                                                                                                              |           |
|                   |                     |            |             |                                                                                        | 2 PLACES                                             | ± .025                                                                                                                        | ± .014          | BMAGUIRE    | 28/01/03     | (0.64)/.025 SQ. PINS                                                                                     |                                                                                                              |           |
|                   |                     |            |             |                                                                                        | 1 PLACE                                              | ± 0.35                                                                                                                        | ± .014          | APPROVED BY | DATE         |  MOLEX INCORPORATED |                                                                                                              |           |
|                   |                     |            |             |                                                                                        | ANGULAR ± .5 °                                       |                                                                                                                               | JDENNEHY        | 2005/03/11  | DOCUMENT NO. |                                                                                                          |                                                                                                              | SHEET NO. |
|                   |                     |            |             |                                                                                        | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                                                                                                                               | SEE CHART       |             | SDAE-6410-N  |                                                                                                          |                                                                                                              | 2 OF 4    |
|                   |                     |            |             |                                                                                        | SIZE                                                 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                 |             |              |                                                                                                          |                                                                                                              |           |

| ENG. NO.        | AE-6410-NA ( 241 )  | AE-6410-NC ( 241 )          | AE-6410-NA ( 231 )          | AE-6410-NS ( 241 )          | AE-6410-NA ( 228 )         |                             |
|-----------------|---------------------|-----------------------------|-----------------------------|-----------------------------|----------------------------|-----------------------------|
| DIMN. "D"       | (7.50)<br>.295      | (7.14)<br>.281              | (7.50)<br>.295              | (7.50)<br>.295              | (7.50)<br>.295             |                             |
| DIMN. "C"       | ( 14.22 ) / .560    | ( 20.32 ) / .800            | ( 14.22 ) / .560            | ( 16.51 ) / .650            | ( 14.22 ) / .560           |                             |
| DIMN. "F"       | ( 3.56 ) / .140 REF | ( 10.00 ) / .394 REF        | ( 3.56 ) / .140 REF         | ( 5.84 ) / .230 REF         | ( 3.56 ) / .140 REF        |                             |
| DIMN. "G"       | (3.56) / .140       | (5.08) / .200               | (3.56) / .140               | (5.08) / .200               | (3.56) / .140              |                             |
| DIMN. "T"       | (3.43) / .135       | (5.08) / .200               | (3.43) / .135               | (5.08) / .200               | (3.43) / .135              |                             |
| PLATING         | 241                 | 241                         | 231                         | 241                         | 228                        |                             |
| NO. OF CIRCUITS | 2                   | AE-6410-2A(241) 22-29-2021  | AE-6410-2C(241) NOT TOOLED  | AE-6410-2A(231) 38-00-7250  | NOT TOOLED                 | AE-6410-2A(228) 38-00-7062  |
|                 | 3                   | 3 A(241) 2031               | 3 C(241) 38-00-5909         | 3 A(231) NOT TOOLED         | NOT TOOLED                 | 3 A(228) 7063               |
|                 | 4                   | 4 A(241) 2041               | 4 C(241) NOT TOOLED         | 4 A(231) 38-00-7251         | AE-6410-4S(241) 38-00-7666 | 4 A 7064                    |
|                 | 5                   | 5 A(241) 2051               | 5 C(241)                    | 5 A(231) NOT TOOLED         | NOT TOOLED                 | 5 A 7065                    |
|                 | 6                   | 6 A(241) 2061               | 6 C(241)                    | 6 A(231)                    | 6 S(241) 38-00-7667        | 6 A 7066                    |
|                 | 7                   | 7 A(241) 2071               | 7 C(241)                    | 7 A(231)                    | NOT TOOLED                 | 7 A 7067                    |
|                 | 8                   | 8 A(241) 2081               | 8 C(241)                    | 8 A(231)                    |                            | 8 A 38-00-7068              |
|                 | 9                   | 9 A(241) 2091               | 9 C(241)                    | 9 A(231)                    |                            | 9 A NOT TOOLED              |
|                 | 10                  | 10 A(241) 2101              | 10 C(241)                   | 10 A(231)                   |                            | 10 A NOT TOOLED             |
|                 | 11                  | 11 A(241) 2111              | 11 C(241)                   | 11 A(231)                   |                            | 11 A NOT TOOLED             |
|                 | 12                  | 12 A(241) 2121              | 12 C(241)                   | 12 A(231)                   |                            | 12 A 38-00-7072             |
|                 | 13                  | 13 A(241) 2131              | 13 C(241)                   | 13 A(231)                   |                            | 13 A NOT TOOLED             |
|                 | 14                  | 14 A(241) 2141              | 14 C(241)                   | 14 A(231)                   |                            | 14 A 38-00-7074             |
|                 | 15                  | 15 A(241) 2151              | 15 C(241)                   | 15 A(231)                   |                            | 15 A NOT TOOLED             |
|                 | 16                  | AE-6410-16A(241) 22-29-2161 | AE-6410-16C(241) NOT TOOLED | AE-6410-16A(231) NOT TOOLED | NOT TOOLED                 | AE-6410-16A(228) NOT TOOLED |

|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|-------------------|---------------------|------------|-------------|-----------------|---------------------------------------|--|-------|-----------------|--------|-------|--------------|---------------------------------------------------------------------------------------|
| SEE SHEET 1<br>BC | EC NO: UC2P017-2821 | 2011/12/22 | DESCRIPTION | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) |  |       | DIMENSION STYLE |        | SCALE | DESIGN UNITS |  |
|                   | DRWNGMSTR           | 2012/01/02 |             |                 |                                       |  | MM/IN | 4:1             | METRIC |       |              |                                                                                       |
|                   | CHKDRAK PER         | 2012/01/02 |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   | APPROV TH           |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
|                   |                     |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |
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|                   | </                  |            |             |                 |                                       |  |       |                 |        |       |              |                                                                                       |

VOIDED CIRCUIT OPTION

|              |                   |          |               |
|--------------|-------------------|----------|---------------|
| ENG. NO.     | AE-6410-NA(197)-* |          |               |
| DIM. D       | 7.50/.295         |          |               |
| DIM. C       | 14.22 /.560       |          |               |
| DIM. F (REF) | 3.56 /.140        |          |               |
| DIM. G       | N/A               |          |               |
| DIM. T       | OVERALL           |          |               |
| PLATING      | 197               |          |               |
| PART No.     | ENG No.           | CKT SIZE | VOID LOCATION |
| 38-00-7222   | AE-6410-3A(197)-2 | 3        | 2             |
| ↑ 4749       | ↑ -4A(197)-3      | 4        | 3             |
| 0611         | -5A(197)-3        | 5        | 3             |
| 0089         | -6A(197)-3        | 6        | 3             |
| 0090         | -6A(197)-51       | 6        | 3,4,5         |
| 5370         | -15A(197)-02      | 15       | 2             |
| ↓ 7688       | ↓ -12A(197)-09    | 12       | 9             |

|                                                                                                                                             |             |                                                                                                                                            |                                                            |  |                                                                                                                                  |                  |                                                                                                          |                        |                                                                                                              |  |                    |
|---------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------|------------------|----------------------------------------------------------------------------------------------------------|------------------------|--------------------------------------------------------------------------------------------------------------|--|--------------------|
| SEE SHEET 1<br>EC NO: UCP2012-1821<br>DRAWN BY: DRWINWSTROH 2011/12/22<br>CHECKED BY: CHKOAKTPER 2012/01/03<br>APPR: SMITH 2012/02/02<br>BC | DESCRIPTION | QUALITY SYMBOLS<br><div><div><div>▽</div><div>=0</div></div><div><div>▽</div><div>=0</div></div><div><div>▽</div><div>=0</div></div></div> | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |  | DIMENSION STYLE<br>MM/IN                                                                                                         |                  | SCALE<br>4:1                                                                                             | DESIGN UNITS<br>METRIC |  THIRD ANGLE PROJECTION |  |                    |
|                                                                                                                                             |             |                                                                                                                                            | <div><div>mm</div><div>INCH</div></div>                    |  | DRAWN BY<br>T. MAHON                                                                                                             | DATE<br>28/01/03 | TITLE<br>WAFER, FRICTION LOCK<br>KK (2.54)/.100 FOR<br>(0.64)/.025 SQ. PINS                              |                        |                                                                                                              |  |                    |
|                                                                                                                                             |             |                                                                                                                                            | 4 PLACES ± --- ± ---                                       |  | CHECKED BY<br>BMAGUIRE                                                                                                           | DATE<br>28/01/03 |  MOLEX INCORPORATED |                        |                                                                                                              |  |                    |
|                                                                                                                                             |             |                                                                                                                                            | 3 PLACES ± --- ± .010                                      |  | APPROVED BY<br>JDENNEHY                                                                                                          |                  |                                                                                                          |                        |                                                                                                              |  | DATE<br>2005/03/11 |
|                                                                                                                                             |             |                                                                                                                                            | 2 PLACES ±.025 ± .014                                      |  |                                                                                                                                  |                  |                                                                                                          |                        |                                                                                                              |  |                    |
|                                                                                                                                             |             |                                                                                                                                            | 1 PLACE ±.035 ± ---                                        |  |                                                                                                                                  |                  |                                                                                                          |                        |                                                                                                              |  |                    |
|                                                                                                                                             |             |                                                                                                                                            | ANGULAR ± .5 °                                             |  |                                                                                                                                  |                  |                                                                                                          |                        |                                                                                                              |  |                    |
|                                                                                                                                             |             |                                                                                                                                            | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |  | MATERIAL NO.<br>SEE CHART                                                                                                        |                  | DOCUMENT NO.<br>SDAE-6410-N                                                                              |                        | SHEET NO.<br>4 OF 4                                                                                          |  |                    |
|                                                                                                                                             |             |                                                                                                                                            | SIZE<br>B                                                  |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                  |                                                                                                          |                        |                                                                                                              |  |                    |