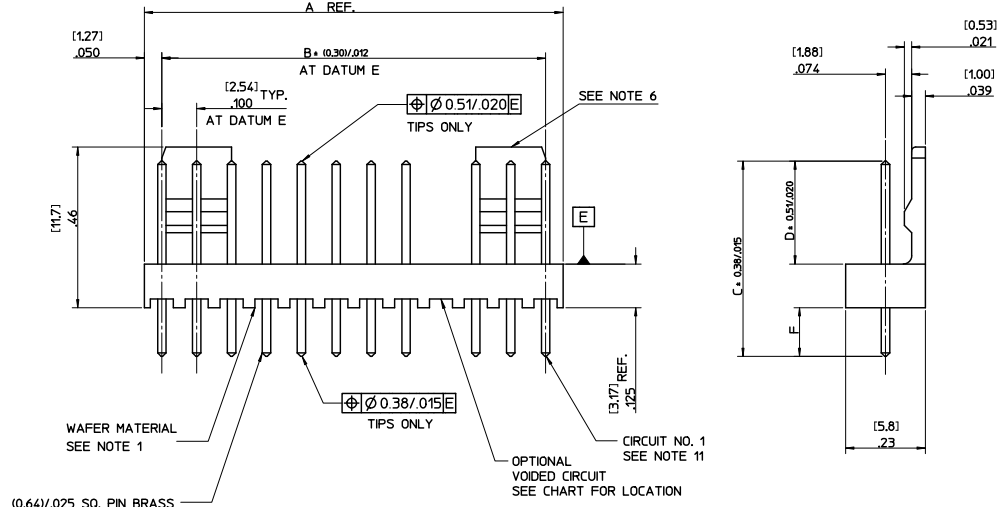
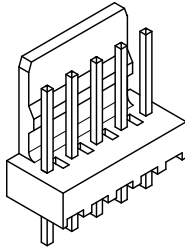


| NO. OF CCTS | DIMN. 'A'         | DIMN. 'B'         |
|-------------|-------------------|-------------------|
| 2           | ( 5.08 )<br>.200  | ( 2.54 )<br>.100  |
| 3           | ( 7.62 )<br>.300  | ( 5.08 )<br>.200  |
| 4           | (10.16 )<br>.400  | ( 7.62 )<br>.300  |
| 5           | (12.70 )<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 |
| 17          | (43.18 )<br>1.700 | (40.64 )<br>1.600 |
| 18          | (45.72 )<br>1.800 | (43.18 )<br>1.700 |
| 19          | (48.26 )<br>1.900 | (45.72 )<br>1.800 |
| 20          | (50.80 )<br>2.000 | (48.26 )<br>1.900 |
| 21          | (53.34 )<br>2.100 | (50.80 )<br>2.000 |
| 22          | (55.88 )<br>2.200 | (53.34 )<br>2.100 |
| 23          | (58.42 )<br>2.300 | (55.88 )<br>2.200 |
| 24          | (60.96 )<br>2.400 | (58.42 )<br>2.300 |
| 25          | (63.50 )<br>2.500 | (60.96 )<br>2.400 |
| 26          | (66.04 )<br>2.600 | (63.50 )<br>2.500 |
| 27          | (68.58 )<br>2.700 | (66.04 )<br>2.600 |
| 28          | (71.12 )<br>2.800 | (68.58 )<br>2.700 |



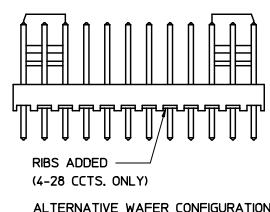
AE-6410- N \* (\* ) - \*

NO. OF CCTS

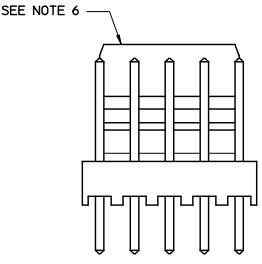
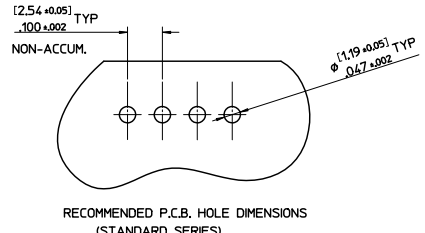
WAFER ASSY. OPTION

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

PLATING TYPE



- NOTES:
1. WAFER MATERIAL: NYLON. UL94V-0. PIN MATERIAL: BRASS
  2. FINISH:  
102 = OVERALL TIN: 0.00508/0.00200 MIN. OVER 0.00254/0.00100 MIN. COPPER  
154 = OVERALL TIN: 0.00254/0.0100 MIN. OVER 0.00127/0.00050 MIN. NICKEL  
501 = OVERALL GOLD: 0.00051/0.00020 MIN. OVER 0.00076/0.00030 MIN. NICKEL  
503 = OVERALL GOLD: 0.00076/0.00030 MIN. OVER 0.00127/0.00050 MIN. NICKEL  
509 = OVERALL GOLD: 0.00127/0.00050 MIN. OVER 0.00076/0.00030 MIN. NICKEL  
516 = OVERALL GOLD: 0.00025/0.00010 MIN. OVER 0.00076/0.00030 MIN. NICKEL
  3. THIS PART CONFORMS TO MOLEX PROD. SPEC. PS-99020-0088.
  4. PACKAGING: PER PK-6373-001
  5. PIN SOLDERABILITY PER MOLEX SPEC. SMES-152
  6. SINGLE RAMP ON 2-6 CCTS TWO RAMP ON 7-28 CCTS. AS SHOWN.
  7. PIN PUSH OUT FORCE: (0.907 Kg)/2lbs MIN.
  8. PCB THICKNESS 1.6MM
  9. WAFERS STACKABLE END TO END WITH (2.54)/.100 BETWEEN END PINS
  10. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
  11. CIRCUIT 1 DESIGNATION IS USED TO DEFINE VOID LOCATION. CIRCUIT 1 MAY OR MAY NOT LINE UP WITH CIRCUIT 1 ON THE MATING HOUSING.



| ADD/REVISE NOTES                  | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED)   |      | DIMENSION STYLE |            | SCALE                    | DESIGN UNITS | THIRD ANGLE PROJECTION   |
|-----------------------------------|-----------------|---|------|-----------------|------------|--------------------------|--------------|--|
|                                   |                 | mm  | INCH | MM/IN           | MM/IN      |                          |              |  |
| DEC. NO. UCP-2010-2318 2010/07/06 |                 | 4 PLACES ± --- ± ---  |      | T. MAHON        | DATE       | 5:1                      | METRIC       | WAFER, FRICTION LOCK<br>KK (2.54)/.100 FOR<br>(0.64)/.025 SQ. PINS<br>MOLEX INCORPORATED |
| DRW/WHK/LIPPER 2010/07/07         |                 | 3 PLACES ± --- ± .010   |      | BAGUIRE         | DATE       |                          |              |  |
| CHKD/SSOUSEK 2010/07/07           |                 | 2 PLACES ± 0.25 ± .014  |      | JDENNEHY        | DATE       |                          |              |  |
| APPR/ESM/TH 2010/07/07            |                 | 1 PLACE ± 0.35 ± ---  |      |                 | 2005/03/11 |                          |              |  |
|                                   |                 | ANGULAR ± 5 °   |      |                 |            |                          |              |  |
|                                   |                 | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |      | SEE CHART       |            | DOCUMENT NO. SDAE-6410-N |              | SHEET NO. 1 OF 4   |
|                                   |                 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |      |                 |            |                          |              |  |

| ENG. NO.        | AE-6410-NA (102)           | AE-6410-NC (102)            | AE-6410-ND (102)            | AE-6410-NH (102)            | AE-6410-NJ (102)             | AE-6410-NL (102)            |                             |
|-----------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|
| DIMN. "D"       | ( 7.50 ±0.25 )<br>295 ±0.0 | ( 7.14 ±0.25 )<br>281 ±0.0  | ( 8.05 ±0.25 )<br>317 ±0.0  | ( 7.49 ±0.25 )<br>295 ±0.0  | ( 18.80 ±0.30 )<br>740 ±0.05 | ( 8.50 ±0.30 )<br>335 ±0.05 |                             |
| DIMN. "C"       | ( 14.22 ) / .560           | ( 20.32 ) / .800            | ( 14.22 ) / .560            | ( 14.98 ) / .590            | ( 25.40 ) / 1.000            | ( 23.80 ) / .937            |                             |
| DIMN. "F"       | ( 3.56 ) / .140 REF        | ( 10.00 ) / .394 REF        | ( 2.99 ) / .118 REF         | ( 4.32 ) / .170 REF         | ( 3.43 ) / .135 REF          | ( 12.13 ) / .477 REF        |                             |
| PLATING         | 102                        | 102                         | 102                         | 102                         | 102                          | 102                         |                             |
| NO. OF CIRCUITS | 2                          | AE-6410-26A(102) 22-27-2021 | AE-6410-27(102) 38-00-6292  | AE-6410-20(102) 38-00-5882  | AE-6410-24(102) 38-00-6754   | AE-6410-23(102) NOT TOOLED  | AE-6410-21(102) NOT TOOLED  |
|                 | 3                          | 3 A(102) 2031               | 3 C(102) 6293               | 3 D(102) 5883               | 3 H(102) NOT TOOLED          | 3 J(102) NOT TOOLED         | L(102) NOT TOOLED           |
|                 | 4                          | 4 A(102) 2041               | 4 C(102) 6294               | 4 D(102) 5884               | 4 H(102) 22-27-2046          | 4 J(102) NOT TOOLED         | L(102) NOT TOOLED           |
|                 | 5                          | 5 A(102) 2051               | 5 C(102) 6295               | 5 D(102) 5885               | 5 H(102) NOT TOOLED          | 5 J(102) 22-27-2057         | L(102) NOT TOOLED           |
|                 | 6                          | 6 A(102) 2061               | 6 C(102) 6296               | 6 D(102) 5886               | 6 H(102) NOT TOOLED          | 6 J(102) NOT TOOLED         | L(102) NOT TOOLED           |
|                 | 7                          | 7 A(102) 2071               | 7 C(102) 6297               | 7 D(102) 5887               | 7 H(102) NOT TOOLED          | 7 J(102) NOT TOOLED         | L(102) NOT TOOLED           |
|                 | 8                          | 8 A(102) 2081               | 8 C(102) 6298               | 8 D(102) 5888               | 8 H(102) NOT TOOLED          | 8 J(102) 22-27-2087         | L(102) NOT TOOLED           |
|                 | 9                          | 9 A(102) 2091               | 9 C(102) 6299               | 9 D(102) 5889               | 9 H(102) NOT TOOLED          | 9 J(102) NOT TOOLED         | L(102) NOT TOOLED           |
|                 | 10                         | 10 A(102) 2101              | 10 C(102) 6300              | 10 D(102) 5890              | 10 H(102) NOT TOOLED         | 10 J(102) NOT TOOLED        | L(102) NOT TOOLED           |
|                 | 11                         | 11 A(102) 2111              | 11 C(102) 6301              | 11 D(102) 5891              | 11 H(102) NOT TOOLED         | 11 J(102) NOT TOOLED        | L(102) NOT TOOLED           |
|                 | 12                         | 12 A(102) 2121              | 12 C(102) 6302              | 12 D(102) 5892              | 12 H(102) 22-27-2126         | 12 J(102) NOT TOOLED        | L(102) NOT TOOLED           |
|                 | 13                         | 13 A(102) 2131              | 13 C(102) 6303              | 13 D(102) 5893              | 13 H(102) NOT TOOLED         | 13 J(102) NOT TOOLED        | L(102) NOT TOOLED           |
|                 | 14                         | 14 A(102) 2141              | 14 C(102) 6304              | 14 D(102) 5894              | 14 H(102) NOT TOOLED         | 14 J(102) NOT TOOLED        | L(102) NOT TOOLED           |
|                 | 15                         | 15 A(102) 2151              | 15 C(102) 6305              | 15 D(102) 5895              | 15 H(102) NOT TOOLED         | 15 J(102) NOT TOOLED        | L(102) NOT TOOLED           |
|                 | 16                         | 16 A(102) 2161              | 16 C(102) 6306              | 16 D(102) 5896              | 16 H(102) NOT TOOLED         | 16 J(102) NOT TOOLED        | L(102) NOT TOOLED           |
|                 | 17                         | 17 A(102) 2171              | 17 C(102) 6307              | 17 D(102) 5897              | 17 H(102) NOT TOOLED         | 17 J(102) NOT TOOLED        | L(102) NOT TOOLED           |
|                 | 18                         | 18 A(102) 2181              | 18 C(102) 6308              | 18 D(102) 5898              | 18 H(102) NOT TOOLED         | 18 J(102) NOT TOOLED        | L(102) NOT TOOLED           |
|                 | 19                         | 19 A(102) 2191              | 19 C(102) 6309              | 19 D(102) 5899              | 19 H(102) NOT TOOLED         | 19 J(102) NOT TOOLED        | L(102) NOT TOOLED           |
|                 | 20                         | 20 A(102) 2201              | 20 C(102) 38-00-6310        | 20 D(102) 5900              | 20 H(102) NOT TOOLED         | 20 J(102) NOT TOOLED        | L(102) NOT TOOLED           |
|                 | 21                         | 21 A(102) 2211              | 21 C(102) NOT TOOLED        | 21 D(102) 5901              | 21 H(102) NOT TOOLED         | 21 J(102) NOT TOOLED        | L(102) NOT TOOLED           |
|                 | 22                         | 22 A(102) 2221              | 22 C(102) NOT TOOLED        | 22 D(102) 5902              | 22 H(102) NOT TOOLED         | 22 J(102) NOT TOOLED        | L(102) NOT TOOLED           |
|                 | 23                         | 23 A(102) 2231              | 23 C(102) NOT TOOLED        | 23 D(102) 5903              | 23 H(102) NOT TOOLED         | 23 J(102) NOT TOOLED        | L(102) NOT TOOLED           |
|                 | 24                         | 24 A(102) 2241              | 24 C(102) NOT TOOLED        | 24 D(102) 5904              | 24 H(102) NOT TOOLED         | 24 J(102) NOT TOOLED        | L(102) NOT TOOLED           |
|                 | 25                         | 25 A(102) 2251              | 25 C(102) NOT TOOLED        | 25 D(102) 5905              | 25 H(102) NOT TOOLED         | 25 J(102) NOT TOOLED        | L(102) NOT TOOLED           |
|                 | 26                         | 26 A(102) 2261              | 26 C(102) NOT TOOLED        | 26 D(102) 5906              | 26 H(102) NOT TOOLED         | 26 J(102) NOT TOOLED        | L(102) NOT TOOLED           |
|                 | 27                         | 27 A(102) 2271              | 27 C(102) NOT TOOLED        | 27 D(102) 5907              | 27 H(102) NOT TOOLED         | 27 J(102) NOT TOOLED        | L(102) NOT TOOLED           |
|                 | 28                         | AE-6410-28A(102) 22-27-2281 | AE-6410-28C(102) NOT TOOLED | AE-6410-28D(102) 38-00-5908 | AE-6410-28H(102) NOT TOOLED  | AE-6410-28J(102) NOT TOOLED | AE-6410-28L(102) NOT TOOLED |

|  |                               |  |                       |                           |                      |                             |  |  |
|--|-------------------------------|--|-----------------------|---------------------------|----------------------|-----------------------------|--|--|
| REMOVE PLATING DIM<br>DEC. NO. UCP2010-2318<br>DRAWN BY: JPPER 2010/07/06<br>CHKD: SSOUSEK 2010/07/07<br>APPR: FSMITH 2010/07/07                     | QUALITY SYMBOLS<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)          |                       | DIMENSION STYLE<br>MM/IN  |                      | SCALE<br>4:1                | DESIGN UNITS<br>METRIC                   | THIRD ANGLE PROJECTION                     |
|  |                               | 4 PLACES ± --- ± ---                           | 3 PLACES ± --- ± .010 | 2 PLACES ± 0.25 ± .014    | 1 PLACE ± 0.35 ± --- | ANGULAR ± 5 °               | DRAWN BY<br>T. MAHON<br>DATE<br>28/01/03 | CHECKED BY<br>BMAGUIRE<br>DATE<br>28/01/03 |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS   |                               | APPROVED BY<br>J DENNEHY<br>DATE<br>2005/03/11 |                       | MATERIAL NO.<br>SEE CHART |                      | DOCUMENT NO.<br>SDAE-6410-N |  | SHEET NO.<br>2 OF 4                        |
| MOLLEX INCORPORATED<br>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                               |  |                       |                           |                      |                             |  |  |

| ENG. NO.  | AE-6410-NA ( 501 )          | AE-6410-NA ( 516 )          | AE-6410-NK ( 516 )           | AE-6410-NC ( 501 )           | AE-6410-NA ( 509 )          | AE-6410-NS ( 501 )          | AE-6410-NA ( 503 )          |            |                |            |                |                |            |      |
|-----------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------|----------------|------------|----------------|----------------|------------|------|
| DIMN. "D" | ( 7.50 ±0.25 )<br>295 ±0.00 | ( 7.50 ±0.25 )<br>295 ±0.00 | ( 9.22 )<br>.363 REF         | ( 7.14 ±0.25 )<br>.281 ±0.00 | ( 7.50 ±0.25 )<br>295 ±0.00 | ( 7.50 ±0.25 )<br>295 ±0.00 | ( 7.50 ±0.25 )<br>295 ±0.00 |            |                |            |                |                |            |      |
| DIMN. "C" | ( 14.22 ) / .560            | ( 14.22 ) / .560            | ( 15.88 ) / .625             | ( 20.32 ) / .800             | ( 14.22 ) / .560            | ( 16.51 ) / .649            | ( 14.22 ) / .560            |            |                |            |                |                |            |      |
| DIMN. "F" | ( 3.56 ) / .140 REF         | ( 3.56 ) / .140 REF         | ( 3.48 ±0.25 )<br>.137 ±0.00 | ( 10.00 ) / .394 REF         | ( 3.56 ) / .140 REF         | ( 5.84 ) / .230 REF         | ( 3.56 ) / .140 REF         |            |                |            |                |                |            |      |
| PLATING   | 501                         | 516                         | 516                          | 501                          | 509                         | 501                         | 503                         |            |                |            |                |                |            |      |
| 2         | AE-6410-24A509              | 22-29-2021                  | AE-6410-24A516               | 22-29-2022                   | AE-6410-24A509              | 38-00-0932                  | AE-6410-24A509              | NOT TOOLED | AE-6410-24A509 | 38-00-7250 | NOT TOOLED     | AE-6410-24A503 | 38-00-7062 |      |
| 3         | 3 A(501)                    | 2031                        | 3 A(516)                     | 2032                         | 3 K(516)                    | 0933                        | 3 C(501)                    | 38-00-5909 | 3 A(509)       | NOT TOOLED | 3 A(503)       | 7063           |            |      |
| 4         | 4 A(501)                    | 2041                        | 4 A(516)                     | 2042                         | 4 K(516)                    | 0934                        | 4 C(501)                    | NOT TOOLED | 4 A(509)       | 38-00-7251 | AE-6410-24A509 | 38-00-7666     | 4 A        | 7064 |
| 5         | 5 A(501)                    | 2051                        | 5 A(516)                     | 2052                         | 5 K(516)                    | 0935                        | 5 C(501)                    | ↑          | 5 A(509)       | NOT TOOLED | NOT TOOLED     | 5 A            | 7065       |      |
| 6         | 6 A(501)                    | 2061                        | 6 A(516)                     | 2062                         | 6 K(516)                    | 0936                        | 6 C(501)                    | ↑          | 6 A(509)       | ↑          | 6 S(501)       | 38-00-7667     | 6 A        | 7066 |
| 7         | 7 A(501)                    | 2071                        | 7 A(516)                     | 2072                         | 7 K(516)                    | 0937                        | 7 C(501)                    | ↑          | 7 A(509)       | ↑          | NOT TOOLED     | 7 A            | 7067       |      |
| 8         | 8 A(501)                    | 2081                        | 8 A(516)                     | 2082                         | 8 K(516)                    | 0938                        | 8 C(501)                    | ↑          | 8 A(509)       | ↑          | ↑              | 8 A            | 38-00-7068 |      |
| 9         | 9 A(501)                    | 2091                        | 9 A(516)                     | 2092                         | 9 K(516)                    | 0939                        | 9 C(501)                    | ↑          | 9 A(509)       | ↑          | ↑              | 9 A            | NOT TOOLED |      |
| 10        | 10 A(501)                   | 2101                        | 10 A(516)                    | 2102                         | 10 K(516)                   | 0940                        | 10 C(501)                   | ↑          | 10 A(509)      | ↑          | ↑              | 10 A           | NOT TOOLED |      |
| 11        | 11 A(501)                   | 2111                        | 11 A(516)                    | 2112                         | 11 K(516)                   | 0941                        | 11 C(501)                   | ↑          | 11 A(509)      | ↑          | ↑              | 11 A           | NOT TOOLED |      |
| 12        | 12 A(501)                   | 2121                        | 12 A(516)                    | 2122                         | 12 K(516)                   | 0942                        | 12 C(501)                   | ↑          | 12 A(509)      | ↑          | ↑              | 12 A           | 38-00-7072 |      |
| 13        | 13 A(501)                   | 2131                        | 13 A(516)                    | 2132                         | 13 K(516)                   | 0943                        | 13 C(501)                   | ↑          | 13 A(509)      | ↑          | ↑              | 13 A           | NOT TOOLED |      |
| 14        | 14 A(501)                   | 2141                        | 14 A(516)                    | 2142                         | 14 K(516)                   | 0944                        | 14 C(501)                   | ↑          | 14 A(509)      | ↑          | ↑              | 14 A           | 38-00-7074 |      |
| 15        | 15 A(501)                   | 2151                        | 15 A(516)                    | 2152                         | 15 K(516)                   | 0945                        | 15 C(501)                   | ↑          | 15 A(509)      | ↑          | ↑              | 15 A           | NOT TOOLED |      |
| 16        | 16 A(501)                   | 2161                        | 16 A(516)                    | 2162                         | 16 K(516)                   | 0946                        | 16 C(501)                   | ↑          | 16 A(509)      | ↑          | ↑              | 16 A           | ↑          |      |
| 17        | 17 A(501)                   | 2171                        | 17 A(516)                    | 2172                         | 17 K(516)                   | 0947                        | 17 C(501)                   | ↑          | 17 A(509)      | ↑          | ↑              | 17 A           | ↑          |      |
| 18        | 18 A(501)                   | 2181                        | 18 A(516)                    | 2182                         | 18 K(516)                   | 0948                        | 18 C(501)                   | ↑          | 18 A(509)      | ↑          | ↑              | 18 A           | ↑          |      |
| 19        | 19 A(501)                   | 2191                        | 19 A(516)                    | 2192                         | 19 K(516)                   | 0949                        | 19 C(501)                   | ↑          | 19 A(509)      | ↑          | ↑              | 19 A           | NOT TOOLED |      |
| 20        | 20 A(501)                   | 2201                        | 20 A(516)                    | 2202                         | 20 K(516)                   | 0950                        | 20 C(501)                   | ↑          | 20 A(509)      | ↑          | ↑              | 20 A           | 38-00-7080 |      |
| 21        | 21 A(501)                   | 2211                        | 21 A(516)                    | 2212                         | 21 K(516)                   | 0951                        | 21 C(501)                   | ↑          | 21 A(509)      | ↑          | ↑              | 21 A           | NOT TOOLED |      |
| 22        | 22 A(501)                   | 2221                        | 22 A(516)                    | 2222                         | 22 K(516)                   | 0952                        | 22 C(501)                   | ↑          | 22 A(509)      | ↑          | ↑              | 22 A           | NOT TOOLED |      |
| 23        | 23 A(501)                   | 2231                        | 23 A(516)                    | 2232                         | 23 K(516)                   | 0953                        | 23 C(501)                   | ↑          | 23 A(509)      | ↑          | ↑              | 23 A           | NOT TOOLED |      |
| 24        | 24 A(501)                   | 2241                        | 24 A(516)                    | 2242                         | 24 K(516)                   | 0954                        | 24 C(501)                   | ↑          | 24 A(509)      | ↑          | ↑              | 24 A           | 38-00-0441 |      |
| 25        | 25 A(501)                   | 2251                        | 25 A(516)                    | 2252                         | 25 K(516)                   | 0955                        | 25 C(501)                   | ↑          | 25 A(509)      | ↑          | ↑              | 25 A           | NOT TOOLED |      |
| 26        | 26 A(501)                   | 2261                        | 26 A(516)                    | 2262                         | 26 K(516)                   | 0956                        | 26 C(501)                   | ↑          | 26 A(509)      | ↑          | ↑              | 26 A           | ↑          |      |
| 27        | 27 A(501)                   | 2271                        | 27 A(516)                    | 2272                         | 27 K(516)                   | 0957                        | 27 C(501)                   | ↑          | 27 A(509)      | ↑          | ↑              | 27 A(503)      | ↑          |      |
| 28        | AE-6410-24A509              | 22-29-2281                  | AE-6410-24A516               | 22-29-2282                   | AE-6410-24A516              | 38-00-0958                  | AE-6410-24A509              | NOT TOOLED | AE-6410-24A509 | NOT TOOLED | NOT TOOLED     | AE-6410-24A503 | NOT TOOLED |      |

NO. OF CIRCUITS

|   |                                      |   |  |  |  |  |                        |  |  |                     |
|---|--------------------------------------|---|--|--|--|--|------------------------|--|--|---------------------|
| <b>REMOVE PLATING DIM</b><br>IEC NO: UCP 2010-2318<br>DRAWN BY: DRWANKI PIPER<br>CHKD: SSOUSEK<br>APPR: SMITH<br>DATE: 2010/07/06<br>DATE: 2010/07/07<br>DATE: 2010/07/07 | <b>QUALITY SYMBOLS</b><br>▽=0<br>▽=0 | <b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b>  |  | <b>DIMENSION STYLE</b><br>MM/IN            |  | SCALE<br>4:1                           | DESIGN UNITS<br>METRIC | THIRD ANGLE PROJECTION   |  |                     |
|   |                                      | 4 PLACES ± --- ± ---<br>3 PLACES ± --- ± .010<br>2 PLACES ± 0.25 ± .014<br>1 PLACE ± 0.35 ± ---<br>ANGULAR ± 5 °              |  | DRAWN BY: T. MAHON<br>DATE: 28/01/03       |  | CHECKED BY: BMAGUIRE<br>DATE: 28/01/03 |                        | TITLE<br><b>WAFER, FRICTION LOCK<br/>         KK (2.54)/.100 FOR<br/>         (0.64)/.025 SQ. PINS</b> |  |                     |
|   |                                      | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS  |  | APPROVED BY: J DENNEHY<br>DATE: 2005/03/11 |  | MATERIAL NO.<br><b>SEE CHART</b>       |                        | DOCUMENT NO.<br><b>SDAE-6410-N</b>   |  | SHEET NO.<br>3 OF 4 |
|   |                                      | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |  |  |  |                        |  |  | MOLEX INCORPORATED  |

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### VOIDED CIRCUIT OPTION

| PART No.   | ENG No.           | CKT SIZE | VOID LOCATION | DIM D       | DIM F (REF) | PLATING |
|------------|-------------------|----------|---------------|-------------|-------------|---------|
| 38-00-7222 | AE-6410-3A(102)-2 | 3        | 2             | (7.50)/.295 | (3.56)/.140 | 102     |
| 38-00-4749 | -4A(102)-3        | 4        | 3             | (7.50)/.295 | (3.56)/.140 | 102     |
| 38-00-0611 | -5A(102)-3        | 5        | 3             | (7.50)/.295 | (3.56)/.140 | 102     |
| 38-00-0089 | -6A(102)-3        | 6        | 3             | (7.50)/.295 | (3.56)/.140 | 102     |
| 38-00-0090 | -6A(102)-51       | 6        | 3,4,5         | (7.50)/.295 | (3.56)/.140 | 102     |
| 38-00-5370 | -15A(102)-02      | 15       | 2             | (7.50)/.295 | (3.56)/.140 | 102     |
| 38-00-5371 | -19A(102)-12      | 19       | 12            | (7.50)/.295 | (3.56)/.140 | 102     |
| 38-00-7688 | -12A(102)-09      | 12       | 9             | (7.50)/.295 | (3.56)/.140 | 102     |

| CORRECT ENG. NO.<br>DEC NO: UCP2010-2318<br>DRW:MM/PPR 2010/07/06<br>CHK:SSOUSEK 2010/07/07<br>APPR:F.SMITH 2010/07/07<br>REV BB1 | QUALITY SYMBOLS<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)<br><table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± .010</td> <td>± .0004</td> </tr> <tr> <td>3 PLACES</td> <td>± .012</td> <td>± .0005</td> </tr> <tr> <td>2 PLACES</td> <td>± .015</td> <td>± .0006</td> </tr> <tr> <td>1 PLACE</td> <td>± .020</td> <td>± .0008</td> </tr> <tr> <td colspan="3" style="text-align: center;">ANGULAR ± .5 °</td> </tr> </table> |         | mm  | INCH | 4 PLACES | ± .010 | ± .0004 | 3 PLACES | ± .012 | ± .0005 | 2 PLACES | ± .015 | ± .0006 | 1 PLACE | ± .020 | ± .0008 | ANGULAR ± .5 ° |  |  | DIMENSION STYLE<br>MM/IN | SCALE<br>4:1 | DESIGN UNITS<br>METRIC | THIRD ANGLE PROJECTION |
|---|-------------------------------|---|---------|---|------|----------|--------|---------|----------|--------|---------|----------|--------|---------|---------|--------|---------|----------------|--|--|--------------------------|--------------|------------------------|------------------------|
|   |                               | mm  | INCH    |   |      |          |        |         |          |        |         |          |        |         |         |        |         |                |  |  |                          |              |                        |                        |
|   | 4 PLACES                      | ± .010  | ± .0004 |   |      |          |        |         |          |        |         |          |        |         |         |        |         |                |  |  |                          |              |                        |                        |
|   | 3 PLACES                      | ± .012  | ± .0005 |   |      |          |        |         |          |        |         |          |        |         |         |        |         |                |  |  |                          |              |                        |                        |
| 2 PLACES  | ± .015                        | ± .0006   |         |   |      |          |        |         |          |        |         |          |        |         |         |        |         |                |  |  |                          |              |                        |                        |
| 1 PLACE   | ± .020                        | ± .0008   |         |   |      |          |        |         |          |        |         |          |        |         |         |        |         |                |  |  |                          |              |                        |                        |
| ANGULAR ± .5 °  |                               |   |         |   |      |          |        |         |          |        |         |          |        |         |         |        |         |                |  |  |                          |              |                        |                        |
|   |                               | DRAWN BY T. MAHON DATE 28/01/03<br>CHECKED BY BMAGUIRE DATE 28/01/03<br>APPROVED BY JDENNEHY DATE 2005/03/11  |         | TITLE<br>WAFER, FRICTION LOCK<br>KK (2.54)/.100 FOR<br>(0.64)/.025 SQ. PINS |      |          |        |         |          |        |         |          |        |         |         |        |         |                |  |  |                          |              |                        |                        |
|   |                               | MATERIAL NO.<br>SEE TABLE   |         | MOLEX INCORPORATED<br>SDAE-6410-N   |      |          |        |         |          |        |         |          |        |         |         |        |         |                |  |  |                          |              |                        |                        |
|   |                               | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |         | SHEET NO.<br>4 OF 4   |      |          |        |         |          |        |         |          |        |         |         |        |         |                |  |  |                          |              |                        |                        |

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