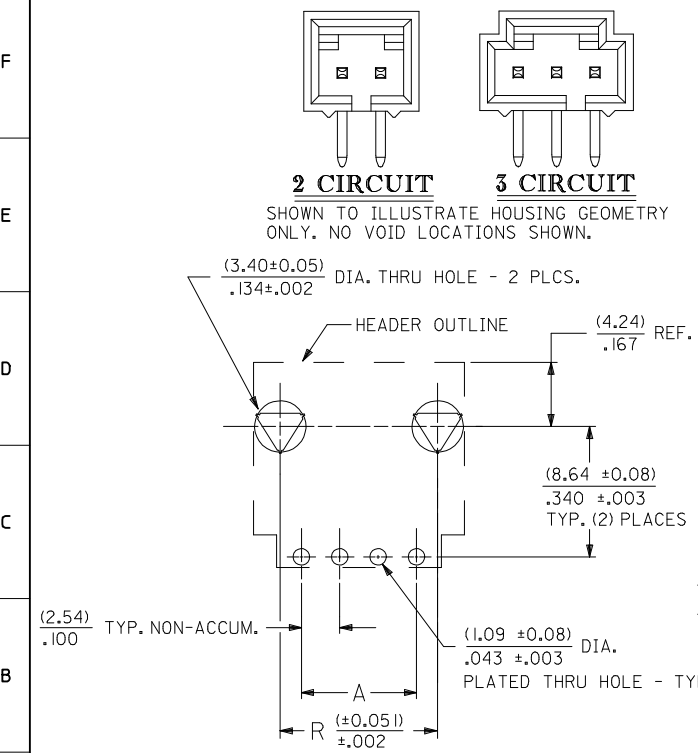
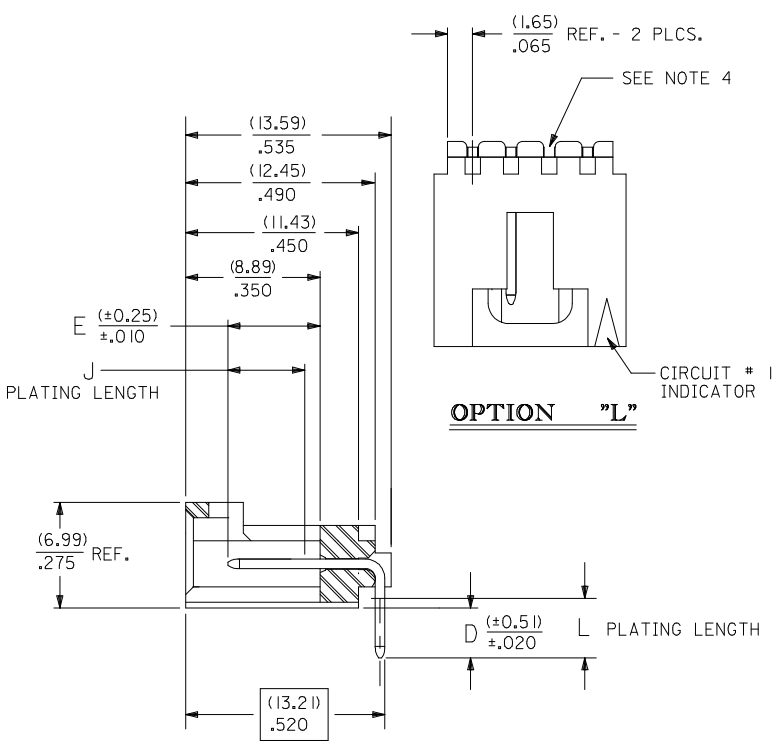


|   | 13           | 12    |       | 11       |       | 10       |       | 9        |       | 8     |       | 7        |       | 6        |       | 5 |  | 4 |  | 3 |  | 2 |  | 1 |  |
|---|--------------|-------|-------|----------|-------|----------|-------|----------|-------|-------|-------|----------|-------|----------|-------|---|--|---|--|---|--|---|--|---|--|
| J | CKT.<br>SIZE | "A"   |       | "B" REF. |       | "C" REF. |       | "F" REF. |       | "M"   |       | "R" REF. |       | "V" REF. |       |   |  |   |  |   |  |   |  |   |  |
|   |              | MM    | IN.   | MM       | IN.   | MM       | IN.   | MM       | IN.   | MM    | IN.   | MM       | IN.   | MM       | IN.   |   |  |   |  |   |  |   |  |   |  |
|   | 2            | 2.54  | .100  | 5.33     | .210  | 7.37     | .290  | 8.63     | .340  | 12.40 | .488  | 5.33     | .210  | 10.67    | .420  |   |  |   |  |   |  |   |  |   |  |
|   | 3            | 5.08  | .200  | 8.13     | .320  | 10.16    | .400  | 11.43    | .450  | 14.94 | .588  | 7.87     | .310  | 13.21    | .520  |   |  |   |  |   |  |   |  |   |  |
|   | 4            | 7.62  | .300  | 10.67    | .420  | 12.70    | .500  | 13.97    | .550  | 17.48 | .688  | 10.41    | .410  | 15.75    | .620  |   |  |   |  |   |  |   |  |   |  |
|   | 5            | 10.16 | .400  | 13.21    | .520  | 15.24    | .600  | 16.51    | .650  | 20.02 | .788  | 12.95    | .510  | 18.29    | .720  |   |  |   |  |   |  |   |  |   |  |
|   | 6            | 12.70 | .500  | 15.75    | .620  | 17.78    | .700  | 19.05    | .750  | 22.56 | .888  | 15.49    | .610  | 20.83    | .820  |   |  |   |  |   |  |   |  |   |  |
|   | 7            | 15.24 | .600  | 18.29    | .720  | 20.32    | .800  | 21.59    | .850  | 25.10 | .988  | 18.03    | .710  | 23.37    | .920  |   |  |   |  |   |  |   |  |   |  |
|   | 8            | 17.78 | .700  | 20.83    | .820  | 22.86    | .900  | 24.13    | .950  | 27.64 | 1.088 | 20.57    | .810  | 25.91    | 1.020 |   |  |   |  |   |  |   |  |   |  |
|   | 9            | 20.32 | .800  | 23.37    | .920  | 25.40    | 1.000 | 26.67    | 1.050 | 30.18 | 1.188 | 23.11    | .910  | 28.45    | 1.120 |   |  |   |  |   |  |   |  |   |  |
|   | 10           | 22.86 | .900  | 25.91    | 1.020 | 27.94    | 1.100 | 29.21    | 1.150 | 32.72 | 1.288 | 25.65    | 1.010 | 30.99    | 1.220 |   |  |   |  |   |  |   |  |   |  |
|   | 11           | 25.40 | 1.000 | 28.45    | 1.120 | 30.48    | 1.200 | 31.75    | 1.250 | 35.26 | 1.388 | 28.19    | 1.110 | 33.53    | 1.320 |   |  |   |  |   |  |   |  |   |  |
|   | 12           | 27.94 | 1.100 | 30.99    | 1.220 | 33.02    | 1.300 | 34.29    | 1.350 | 37.80 | 1.488 | 30.73    | 1.210 | 36.07    | 1.420 |   |  |   |  |   |  |   |  |   |  |
|   | 13           | 30.48 | 1.200 | 33.53    | 1.320 | 35.56    | 1.400 | 36.83    | 1.450 | 40.34 | 1.588 | 33.27    | 1.310 | 38.61    | 1.520 |   |  |   |  |   |  |   |  |   |  |
|   | 14           | 33.02 | 1.300 | 36.07    | 1.420 | 38.10    | 1.500 | 39.37    | 1.550 | 42.88 | 1.688 | 35.81    | 1.410 | 41.15    | 1.620 |   |  |   |  |   |  |   |  |   |  |
|   | 15           | 35.56 | 1.400 | 38.61    | 1.520 | 40.64    | 1.600 | 41.91    | 1.650 | 45.42 | 1.788 | 38.35    | 1.510 | 43.69    | 1.720 |   |  |   |  |   |  |   |  |   |  |
|   | 16           | 38.10 | 1.500 | 41.15    | 1.620 | 43.18    | 1.700 | 44.45    | 1.750 | 47.96 | 1.888 | 40.89    | 1.610 | 46.23    | 1.820 |   |  |   |  |   |  |   |  |   |  |
|   | 17           | 40.64 | 1.600 | 43.69    | 1.720 | 45.72    | 1.800 | 46.99    | 1.850 | 50.50 | 1.988 | 43.43    | 1.710 | 48.77    | 1.920 |   |  |   |  |   |  |   |  |   |  |
|   | 18           | 43.18 | 1.700 | 46.23    | 1.820 | 48.26    | 1.900 | 49.53    | 1.950 | 53.04 | 2.088 | 45.97    | 1.810 | 51.31    | 2.020 |   |  |   |  |   |  |   |  |   |  |
|   | 19           | 45.72 | 1.800 | 48.77    | 1.920 | 50.80    | 2.000 | 52.07    | 2.050 | 55.58 | 2.188 | 48.51    | 1.910 | 53.85    | 2.120 |   |  |   |  |   |  |   |  |   |  |
|   | 20           | 48.26 | 1.900 | 51.31    | 2.020 | 53.34    | 2.100 | 54.61    | 2.150 | 58.12 | 2.288 | 51.05    | 2.010 | 56.39    | 2.220 |   |  |   |  |   |  |   |  |   |  |
|   | 21           | 50.80 | 2.000 | 53.85    | 2.120 | 55.88    | 2.200 | 57.15    | 2.250 | 60.66 | 2.388 | 53.59    | 2.110 | 58.93    | 2.320 |   |  |   |  |   |  |   |  |   |  |
|   | 22           | 53.34 | 2.100 | 56.39    | 2.220 | 58.42    | 2.300 | 59.69    | 2.350 | 63.20 | 2.488 | 56.13    | 2.210 | 61.47    | 2.420 |   |  |   |  |   |  |   |  |   |  |
|   | 23           | 55.88 | 2.200 | 58.93    | 2.320 | 60.96    | 2.400 | 62.23    | 2.450 | 65.74 | 2.588 | 58.67    | 2.310 | 64.01    | 2.520 |   |  |   |  |   |  |   |  |   |  |
|   | 24           | 58.42 | 2.300 | 61.47    | 2.420 | 63.50    | 2.500 | 64.37    | 2.550 | 68.28 | 2.688 | 61.21    | 2.410 | 66.55    | 2.620 |   |  |   |  |   |  |   |  |   |  |
|   | 25           | 60.96 | 2.400 | 64.01    | 2.520 | 66.04    | 2.600 | 67.31    | 2.650 | 70.82 | 2.788 | 63.75    | 2.510 | 69.09    | 2.720 |   |  |   |  |   |  |   |  |   |  |

NOTES

- 1) MATERIAL:  
HOUSING - GLASS FILLED POLYESTER, UL 94V-0, COLOR: BLACK.  
PIN - (0.64)/.025 SQUARE PHOSPHOR BRONZE BASE MATERIAL.  
FOR PLATING SEE TABLES ON FOLLOWING SHEETS.
- 2) HEADER TO BE USED WITH 70400-\*\*\*\* AND 70430-\*\*\*\* AND 70066  
OPTION "G" SERIES.
- 3) REFER TO MOLEX PRODUCT SPECIFICATIONS PS-70541 AND PS-70400.
- 4) FOR VOID LOCATION(S) SEE TABLES ON FOLLOWING SHEETS.
- 5) FOR ILLUSTRATION PURPOSES 4 CIRCUIT WITH CIRCUIT 2 VOIDED IS SHOWN.



RIGHT ANGLE ASSEMBLY

OTHER VERTICAL AND RIGHT ANGLE VERSIONS SHOWN ON SHEET 2

SECTION F-F

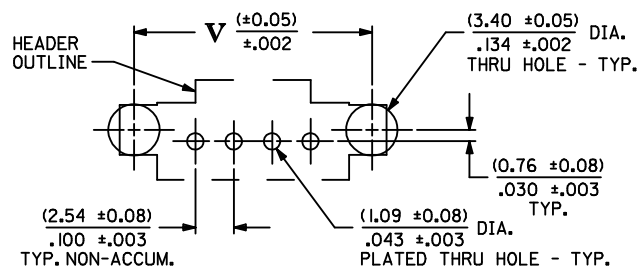
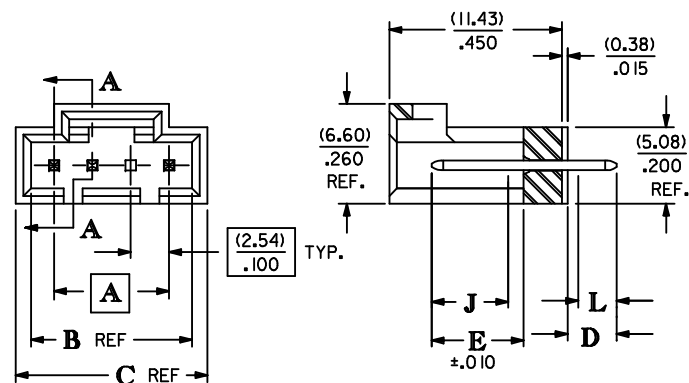
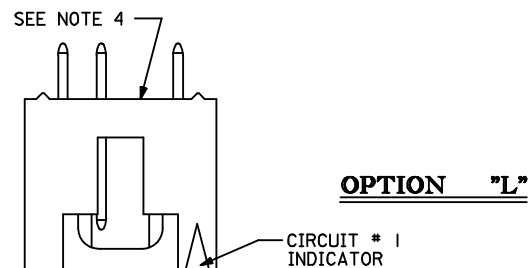
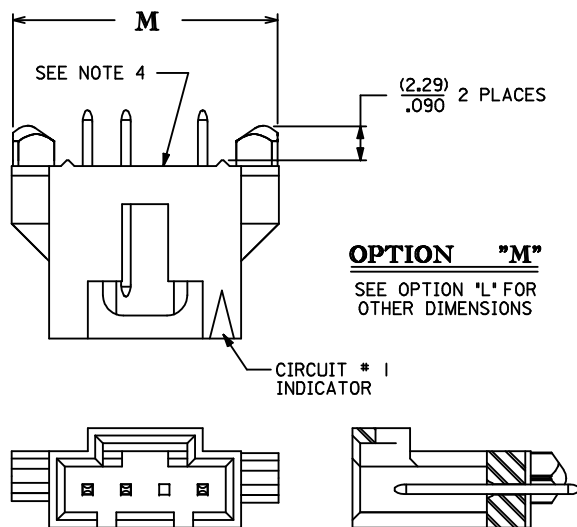
RECOMMENDED P.C. BOARD HOLE LAYOUT

FOR USE WITH (1.57)/.062 THICK BOARD

.134 DIA. HOLES ARE NOT REQUIRED FOR ASSEMBLIES WITHOUT PEGS

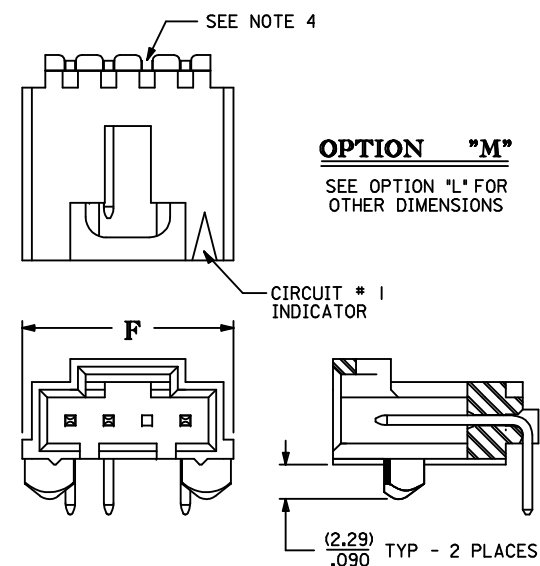
|                                                                                                                                   |                                                      |                                                                                          |                                                                                                                               |           |                          |                                              |                    |                                                                                  |                                                                                                              |        |
|-----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------------|----------------------------------------------|--------------------|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--------|
| CHG 71164-0044 R/A<br>EC NO: UCP2014-4433<br>DRWN:MORGAN 2014/04/24<br>CHKD:MPOFF 2014/04/24<br>APPR:SMILLER 2014/05/06<br>REV T1 | DESCRIPTION                                          | QUALITY SYMBOLS                                                                          | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                         |           | DIMENSION STYLE<br>MM/IN |                                              | SCALE<br>4:1       | DESIGN UNITS<br>INCH                                                             |  THIRD ANGLE PROJECTION |        |
|                                                                                                                                   |                                                      |  =0 | 4 PLACES                                                                                                                      | ±.005     | ±.005                    | DRAWN BY<br>BJS                              | DATE<br>1994/09/30 | TITLE<br>SALES ASSY, HEADER<br>.120 POCKET/HIGH TEMP<br>2.54/.100 CENTER W/VOIDS |                                                                                                              |        |
|                                                                                                                                   |                                                      |  =0 | 3 PLACES                                                                                                                      | ±.005     | ±.005                    | CHECKED BY<br>DATE                           |                    |                                                                                  |                                                                                                              |        |
|                                                                                                                                   |                                                      |  =0 | 2 PLACES                                                                                                                      | ±0.13     | ±.010                    | APPROVED BY<br>SMILLER<br>DATE<br>2010/05/10 |                    | <b>molex</b>                                                                     |                                                                                                              |        |
|                                                                                                                                   |                                                      |                                                                                          | 1 PLACE                                                                                                                       | ±0.25     | ±.010                    |                                              |                    |                                                                                  |                                                                                                              |        |
|                                                                                                                                   |                                                      |                                                                                          | 0 PLACE                                                                                                                       | ±         | ±                        | MATERIAL NO.<br>DOCUMENT NO.<br>SHEET NO.    |                    |                                                                                  |                                                                                                              |        |
|                                                                                                                                   |                                                      | ANGULAR ±1/2°                                                                            |                                                                                                                               | SEE TABLE |                          |                                              |                    | SDA-71164-****                                                                   |                                                                                                              | 1 OF 4 |
|                                                                                                                                   | 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 |           |                          |                                              |                    |                                                                                  |                                                                                                              |        |

# VERTICAL ASSEMBLIES



FOR USE WITH (1.57)/.062 THICK BOARD  
.134 DIA. HOLES ARE NOT REQUIRED FOR ASSEMBLIES WITHOUT PEGS

# RIGHT ANGLE ASSEMBLIES



|                                                                                                                           |           |             |                                      |                                                      |  |                                                                                                                               |  |                                        |                      |                                                                                                              |                                                                                                  |                                |                     |              |  |
|---------------------------------------------------------------------------------------------------------------------------|-----------|-------------|--------------------------------------|------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------|---------------------|--------------|--|
| SEE SHEET 1<br>EC NO: UCP2014-4433<br>2014/04/24<br>DRW:DMORGAN<br>2014/04/24<br>CHKD:MPOFF<br>2014/05/06<br>APPR:SMILLER | REV<br>T1 | DESCRIPTION | QUALITY SYMBOLS<br>▽=0<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                |  | DIMENSION STYLE<br>MM/IN                                                                                                      |  | SCALE<br>4:1                           | DESIGN UNITS<br>INCH |  THIRD ANGLE PROJECTION | TITLE<br>SALES ASSY, HEADER<br>.120 POCKET/HIGH TEMP<br>2.54/.100 CENTER W/VOIDS<br><b>molex</b> | DOCUMENT NO.<br>SDA-71164-**** | SHEET NO.<br>2 OF 4 |              |  |
|                                                                                                                           |           |             |                                      | mm INCH                                              |  | DRAWN BY DATE<br>BJS 1994/09/30                                                                                               |  | CHECKED BY DATE                        |                      |                                                                                                              |                                                                                                  |                                |                     |              |  |
|                                                                                                                           |           |             |                                      | 4 PLACES ± --- ± ---                                 |  | 3 PLACES ± --- ± .005                                                                                                         |  |                                        |                      |                                                                                                              |                                                                                                  |                                |                     |              |  |
|                                                                                                                           |           |             |                                      | 2 PLACES ± 0.13 ± .010                               |  | 1 PLACE ± 0.25 ± ---                                                                                                          |  |                                        |                      |                                                                                                              |                                                                                                  |                                |                     |              |  |
|                                                                                                                           |           |             |                                      | 0 PLACE ± ±                                          |  | ANGULAR ±1/2°                                                                                                                 |  | APPROVED BY DATE<br>SMILLER 2010/05/10 |                      |                                                                                                              |                                                                                                  |                                |                     | MATERIAL NO. |  |
|                                                                                                                           |           |             |                                      | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |  | SEE TABLE                                                                                                                     |  |                                        |                      |                                                                                                              |                                                                                                  |                                |                     |              |  |
|                                                                                                                           |           |             |                                      | SIZE                                                 |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                                        |                      |                                                                                                              |                                                                                                  |                                |                     |              |  |

|                                        | 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 12            | 11             | 10        | 9                                         | 8                 | 7                 | 6            | 5                     | 4           | 3                      | 2           | 1                    |  |    |      |          |       |       |          |       |        |          |        |        |         |        |       |         |   |   |          |      |     |            |            |      |             |      |         |            |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------|-----------|-------------------------------------------|-------------------|-------------------|--------------|-----------------------|-------------|------------------------|-------------|----------------------|--|----|------|----------|-------|-------|----------|-------|--------|----------|--------|--------|---------|--------|-------|---------|---|---|----------|------|-----|------------|------------|------|-------------|------|---------|------------|
|                                        | ITEM NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ASSEMBLY TYPE | HOUSING OPTION | CKT. SIZE | VOIDED PIN LOCATION - CIRCUIT - NUMBER(S) | "D" (±0.51) ±.020 | "E" (±0.25) ±.010 | PLATING CODE | CONNECTOR END PLATING |             | P.C. BOARD END PLATING |             | PACKAGE PER PK-70873 |  |    |      |          |       |       |          |       |        |          |        |        |         |        |       |         |   |   |          |      |     |            |            |      |             |      |         |            |
|                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               |                |           |                                           |                   |                   |              | TYPE                  | J LENGTH    | TYPE                   | L LENGTH    |                      |  |    |      |          |       |       |          |       |        |          |        |        |         |        |       |         |   |   |          |      |     |            |            |      |             |      |         |            |
| J                                      | 71164-0001                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | RIGHT ANGLE   | "M"            | 3         | 2                                         | (3.30) .130       | (6.10) .240       | TIN          | TIN                   | OVER -ALL   | TIN                    | OVER -ALL   | -0015                |  |    |      |          |       |       |          |       |        |          |        |        |         |        |       |         |   |   |          |      |     |            |            |      |             |      |         |            |
|                                        | 71164-0002                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | RIGHT ANGLE   | "M"            | 4         | 2                                         | (3.30) .130       | (6.10) .240       | I5 GOLD      | GOLD                  | (5.08) .200 | TIN                    | (2.54) .100 | -0015                |  |    |      |          |       |       |          |       |        |          |        |        |         |        |       |         |   |   |          |      |     |            |            |      |             |      |         |            |
|                                        | 71164-0003                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | RIGHT ANGLE   | "M"            | 4         | 3                                         | (3.30) .130       | (6.10) .240       | I5 GOLD      | GOLD                  | (5.08) .200 | TIN                    | (2.54) .100 | -0015                |  |    |      |          |       |       |          |       |        |          |        |        |         |        |       |         |   |   |          |      |     |            |            |      |             |      |         |            |
| I                                      | 71164-0004                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | RIGHT ANGLE   | "M"            | 4         | 4                                         | (3.30) .130       | (6.10) .240       | I5 GOLD      | GOLD                  | (5.08) .200 | TIN                    | (2.54) .100 | -0015                |  |    |      |          |       |       |          |       |        |          |        |        |         |        |       |         |   |   |          |      |     |            |            |      |             |      |         |            |
|                                        | 71164-0005                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | RIGHT ANGLE   | "L"            | 8         | 2, 7                                      | (3.30) .130       | (6.10) .240       | TIN          | TIN                   | OVER -ALL   | TIN                    | OVER -ALL   | -0015                |  |    |      |          |       |       |          |       |        |          |        |        |         |        |       |         |   |   |          |      |     |            |            |      |             |      |         |            |
|                                        | 71164-0006                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | VERTICAL      | "M"            | 7         | 2, 5                                      | (3.30) .130       | (6.10) .240       | I5 GOLD      | GOLD                  | (5.08) .200 | TIN                    | (2.54) .100 | -0014                |  |    |      |          |       |       |          |       |        |          |        |        |         |        |       |         |   |   |          |      |     |            |            |      |             |      |         |            |
| H                                      | 71164-0007                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | VERTICAL      | "L"            | 3         | 3                                         | (3.30) .130       | (6.10) .240       | I5 GOLD      | GOLD                  | (5.08) .200 | TIN                    | (2.54) .100 | -0014                |  |    |      |          |       |       |          |       |        |          |        |        |         |        |       |         |   |   |          |      |     |            |            |      |             |      |         |            |
|                                        | 71164-0008                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | VERTICAL      | "M"            | 3         | 2                                         | (3.30) .130       | (6.10) .240       | I5 GOLD      | GOLD                  | (5.08) .200 | TIN                    | (2.54) .100 | -0014                |  |    |      |          |       |       |          |       |        |          |        |        |         |        |       |         |   |   |          |      |     |            |            |      |             |      |         |            |
|                                        | 71164-0010                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | VERTICAL      | "L"            | 6         | 2                                         | (3.30) .130       | (6.10) .240       | 30 GOLD      | GOLD                  | (5.08) .200 | TIN                    | (2.54) .100 | -0014                |  |    |      |          |       |       |          |       |        |          |        |        |         |        |       |         |   |   |          |      |     |            |            |      |             |      |         |            |
|                                        | 71164-0011                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | VERTICAL      | "L"            | 11        | 5,6                                       | (3.30) .130       | (6.10) .240       | TIN          | TIN                   | OVER -ALL   | TIN                    | OVER -ALL   | -0014                |  |    |      |          |       |       |          |       |        |          |        |        |         |        |       |         |   |   |          |      |     |            |            |      |             |      |         |            |
| G                                      | 71164-0012                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | VERTICAL      | "L"            | 4         | 3                                         | (3.30) .130       | (6.10) .240       | TIN          | TIN                   | OVER -ALL   | TIN                    | OVER -ALL   | -0014                |  |    |      |          |       |       |          |       |        |          |        |        |         |        |       |         |   |   |          |      |     |            |            |      |             |      |         |            |
|                                        | 71164-0014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | VERTICAL      | "L"            | 11        | 11                                        | (3.30) .130       | (6.10) .240       | I5 GOLD      | GOLD                  | (5.08) .200 | TIN                    | (2.54) .100 | -0014                |  |    |      |          |       |       |          |       |        |          |        |        |         |        |       |         |   |   |          |      |     |            |            |      |             |      |         |            |
|                                        | 71164-0015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | VERTICAL      | "L"            | 10        | 4                                         | (3.30) .130       | (6.10) .240       | I5 GOLD      | GOLD                  | (5.08) .200 | TIN                    | (2.54) .100 | -0014                |  |    |      |          |       |       |          |       |        |          |        |        |         |        |       |         |   |   |          |      |     |            |            |      |             |      |         |            |
| F                                      | 71164-0016                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | VERTICAL      | "L"            | 11        | 2                                         | (3.30) .130       | (6.10) .240       | I5 GOLD      | GOLD                  | (5.08) .200 | TIN                    | (2.54) .100 | -0014                |  |    |      |          |       |       |          |       |        |          |        |        |         |        |       |         |   |   |          |      |     |            |            |      |             |      |         |            |
|                                        | 71164-0017                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | VERTICAL      | "L"            | 8         | 2, 7                                      | (3.30) .130       | (6.10) .240       | TIN          | TIN                   | OVER-ALL    | TIN                    | OVER-ALL    | -0014                |  |    |      |          |       |       |          |       |        |          |        |        |         |        |       |         |   |   |          |      |     |            |            |      |             |      |         |            |
|                                        | 71164-0018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | VERTICAL      | "L"            | 7         | 2,4,6                                     | (3.30) .130       | (6.10) .240       | I5 GOLD      | GOLD                  | (5.08) .200 | TIN                    | (2.54) .100 | -0014                |  |    |      |          |       |       |          |       |        |          |        |        |         |        |       |         |   |   |          |      |     |            |            |      |             |      |         |            |
|                                        | 71164-0019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | VERTICAL      | "L"            | 7         | 2,4,6                                     | (3.30) .130       | (6.10) .240       | 30 GOLD      | GOLD                  | (5.08) .200 | TIN                    | (2.54) .100 | -0014                |  |    |      |          |       |       |          |       |        |          |        |        |         |        |       |         |   |   |          |      |     |            |            |      |             |      |         |            |
| E                                      | 71164-0020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | VERTICAL      | "L"            | 11        | 2,4,6,8,10                                | (3.30) .130       | (6.10) .240       | 30 GOLD      | GOLD                  | (5.08) .200 | TIN                    | (2.54) .100 | -0014                |  |    |      |          |       |       |          |       |        |          |        |        |         |        |       |         |   |   |          |      |     |            |            |      |             |      |         |            |
|                                        | 71164-0021                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | VERTICAL      | "L"            | 15        | 2,4,6,8,10,12,14                          | (3.30) .130       | (6.10) .240       | 30 GOLD      | GOLD                  | (5.08) .200 | TIN                    | (2.54) .100 | -0014                |  |    |      |          |       |       |          |       |        |          |        |        |         |        |       |         |   |   |          |      |     |            |            |      |             |      |         |            |
|                                        | 71164-0022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | VERTICAL      | "M"            | 7         | 3, 6                                      | (3.30) .130       | (6.10) .240       | I5 GOLD      | GOLD                  | (5.08) .200 | TIN                    | (2.54) .100 | -0014                |  |    |      |          |       |       |          |       |        |          |        |        |         |        |       |         |   |   |          |      |     |            |            |      |             |      |         |            |
| D                                      | 71164-0023                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | VERTICAL      | "L"            | 11        | 10                                        | (3.81) .150       | (6.10) .240       | TIN          | TIN                   | OVER-ALL    | TIN                    | OVER-ALL    | -0014                |  |    |      |          |       |       |          |       |        |          |        |        |         |        |       |         |   |   |          |      |     |            |            |      |             |      |         |            |
|                                        | 71164-0024                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | VERTICAL      | "L"            | 19        | 17                                        | (3.81) .150       | (6.10) .240       | TIN          | TIN                   | OVER-ALL    | TIN                    | OVER-ALL    | -0014                |  |    |      |          |       |       |          |       |        |          |        |        |         |        |       |         |   |   |          |      |     |            |            |      |             |      |         |            |
|                                        | 71164-0025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | VERTICAL      | "L"            | 20        | 19                                        | (3.81) .150       | (6.10) .240       | TIN          | TIN                   | OVER-ALL    | TIN                    | OVER-ALL    | -0014                |  |    |      |          |       |       |          |       |        |          |        |        |         |        |       |         |   |   |          |      |     |            |            |      |             |      |         |            |
| C                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               |                |           |                                           |                   |                   |              |                       |             |                        |             |                      |  |    |      |          |       |       |          |       |        |          |        |        |         |        |       |         |   |   |          |      |     |            |            |      |             |      |         |            |
| B                                      | TIN - 3.81 MICROMETER/(150 MICROINCH) MINIMUM TIN PLATE IN SELECT AREA, OVER 1.27 MICROMETER/(50 MICROINCH) MINIMUM NICKEL UNDERPLATE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               |                |           |                                           |                   |                   |              |                       |             |                        |             |                      |  |    |      |          |       |       |          |       |        |          |        |        |         |        |       |         |   |   |          |      |     |            |            |      |             |      |         |            |
|                                        | 30 GOLD - .76 MICROMETER/(30 MICROINCH) MINIMUM GOLD PLATE IN SELECT AREA, 1.91 MICROMETER/(75 MICROINCH) MINIMUM TIN PLATE IN SELECT AREA, OVER 1.27 MICROMETER/(50 MICROINCH) MINIMUM NICKEL UNDERPLATE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |                |           |                                           |                   |                   |              |                       |             |                        |             |                      |  |    |      |          |       |       |          |       |        |          |        |        |         |        |       |         |   |   |          |      |     |            |            |      |             |      |         |            |
|                                        | 15 GOLD - .38 MICROMETER/(15 MICROINCH) MINIMUM GOLD PLATE IN SELECT AREA, 1.91 MICROMETER/(75 MICROINCH) MINIMUM TIN PLATE IN SELECT AREA, OVER 1.27 MICROMETER/(50 MICROINCH) MINIMUM NICKEL UNDERPLATE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |                |           |                                           |                   |                   |              |                       |             |                        |             |                      |  |    |      |          |       |       |          |       |        |          |        |        |         |        |       |         |   |   |          |      |     |            |            |      |             |      |         |            |
| A                                      | <div><div><div>SEE SHEET 1</div><div>EC NO: UCP2014-4433</div><div>2014/04/24</div><div>DRWNG:MOORGAN</div><div>2014/04/24</div><div>CHKD:MP0FF</div><div>2014/05/06</div><div>APPR:SMILLER</div></div><div><div>DESCRIPTION</div><div>REV</div></div><div><div>QUALITY SYMBOLS</div><div>▽=0</div><div>▽=0</div><div>▽=0</div></div></div> <div><div>GENERAL TOLERANCES (UNLESS SPECIFIED)</div><table><tr><th></th><th>mm</th><th>INCH</th></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± .005</td></tr><tr><td>2 PLACES</td><td>± 0.13</td><td>± .010</td></tr><tr><td>1 PLACE</td><td>± 0.25</td><td>± ---</td></tr><tr><td>0 PLACE</td><td>±</td><td>±</td></tr></table><div>ANGULAR ±1/2°</div><div>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</div></div> <div><div>DIMENSION STYLE</div><div>MM/IN</div><table><tr><td>DRAWN BY</td><td>DATE</td></tr><tr><td>BJS</td><td>1994/09/30</td></tr><tr><td>CHECKED BY</td><td>DATE</td></tr><tr><td>APPROVED BY</td><td>DATE</td></tr><tr><td>SMILLER</td><td>2010/05/10</td></tr></table><div>MATERIAL NO.</div><div>SEE TABLE</div><div>SIZE C</div></div> <div><div>SCALE</div><div>1:1</div><div>DESIGN UNITS</div><div>INCH</div><div><div>THIRD ANGLE PROJECTION</div><div>SALES ASSY, HEADER</div><div>.120 POCKET/HIGH TEMP</div><div>2.54/.100 CENTER W/VOIDS</div><div>molex</div><div>DOCUMENT NO.</div><div>SDA-71164-****</div><div>SHEET NO.</div><div>3 OF 4</div></div><div>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</div></div> |               |                |           |                                           |                   |                   |              |                       |             |                        |             |                      |  | mm | INCH | 4 PLACES | ± --- | ± --- | 3 PLACES | ± --- | ± .005 | 2 PLACES | ± 0.13 | ± .010 | 1 PLACE | ± 0.25 | ± --- | 0 PLACE | ± | ± | DRAWN BY | DATE | BJS | 1994/09/30 | CHECKED BY | DATE | APPROVED BY | DATE | SMILLER | 2010/05/10 |
|                                        | mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | INCH          |                |           |                                           |                   |                   |              |                       |             |                        |             |                      |  |    |      |          |       |       |          |       |        |          |        |        |         |        |       |         |   |   |          |      |     |            |            |      |             |      |         |            |
| 4 PLACES                               | ± ---                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ± ---         |                |           |                                           |                   |                   |              |                       |             |                        |             |                      |  |    |      |          |       |       |          |       |        |          |        |        |         |        |       |         |   |   |          |      |     |            |            |      |             |      |         |            |
| 3 PLACES                               | ± ---                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ± .005        |                |           |                                           |                   |                   |              |                       |             |                        |             |                      |  |    |      |          |       |       |          |       |        |          |        |        |         |        |       |         |   |   |          |      |     |            |            |      |             |      |         |            |
| 2 PLACES                               | ± 0.13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ± .010        |                |           |                                           |                   |                   |              |                       |             |                        |             |                      |  |    |      |          |       |       |          |       |        |          |        |        |         |        |       |         |   |   |          |      |     |            |            |      |             |      |         |            |
| 1 PLACE                                | ± 0.25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ± ---         |                |           |                                           |                   |                   |              |                       |             |                        |             |                      |  |    |      |          |       |       |          |       |        |          |        |        |         |        |       |         |   |   |          |      |     |            |            |      |             |      |         |            |
| 0 PLACE                                | ±                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ±             |                |           |                                           |                   |                   |              |                       |             |                        |             |                      |  |    |      |          |       |       |          |       |        |          |        |        |         |        |       |         |   |   |          |      |     |            |            |      |             |      |         |            |
| DRAWN BY                               | DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                |           |                                           |                   |                   |              |                       |             |                        |             |                      |  |    |      |          |       |       |          |       |        |          |        |        |         |        |       |         |   |   |          |      |     |            |            |      |             |      |         |            |
| BJS                                    | 1994/09/30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |                |           |                                           |                   |                   |              |                       |             |                        |             |                      |  |    |      |          |       |       |          |       |        |          |        |        |         |        |       |         |   |   |          |      |     |            |            |      |             |      |         |            |
| CHECKED BY                             | DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                |           |                                           |                   |                   |              |                       |             |                        |             |                      |  |    |      |          |       |       |          |       |        |          |        |        |         |        |       |         |   |   |          |      |     |            |            |      |             |      |         |            |
| APPROVED BY                            | DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                |           |                                           |                   |                   |              |                       |             |                        |             |                      |  |    |      |          |       |       |          |       |        |          |        |        |         |        |       |         |   |   |          |      |     |            |            |      |             |      |         |            |
| SMILLER                                | 2010/05/10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |                |           |                                           |                   |                   |              |                       |             |                        |             |                      |  |    |      |          |       |       |          |       |        |          |        |        |         |        |       |         |   |   |          |      |     |            |            |      |             |      |         |            |
| tb_frame_C_P_AM.T<br>Rev. G 2012/01/11 | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 11            | 10             | 9         | 8                                         | 7                 | 6                 | 5            | 4                     | 3           | 2                      | 1           |                      |  |    |      |          |       |       |          |       |        |          |        |        |         |        |       |         |   |   |          |      |     |            |            |      |             |      |         |            |

|                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                |           |                                         |                   |                   |              |                       |                        |                      |             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |      |          |        |        |          |        |        |          |        |        |         |        |        |         |          |        |        |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------|-----------|-----------------------------------------|-------------------|-------------------|--------------|-----------------------|------------------------|----------------------|-------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------|----------|--------|--------|----------|--------|--------|----------|--------|--------|---------|--------|--------|---------|----------|--------|--------|
|                                     | 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 12            | 11             | 10        | 9                                       | 8                 | 7                 | 6            | 5                     | 4                      | 3                    | 2           | 1     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |      |          |        |        |          |        |        |          |        |        |         |        |        |         |          |        |        |
| J                                   | ITEM NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ASSEMBLY TYPE | HOUSING OPTION | CKT. SIZE | VOIDED PIN LOCATION - CIRCUIT NUMBER(S) | "D" (±0.51) ±.020 | "E" (±0.25) ±.010 | PLATING CODE | CONNECTOR END PLATING | P.C. BOARD END PLATING | PACKAGE PER PK-70873 |             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | J  |      |          |        |        |          |        |        |          |        |        |         |        |        |         |          |        |        |
|                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                |           |                                         |                   |                   |              | TYPE                  | J LENGTH               | TYPE                 | L LENGTH    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |      |          |        |        |          |        |        |          |        |        |         |        |        |         |          |        |        |
|                                     | 71164-0026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | VERTICAL      | "L"            | 16        | 3, 5, 7, 9, 11, 13, 15                  | (3.30) .130       | (6.10) .240       | I5 GOLD      | GOLD                  | (5.08) .200            | TIN                  | (2.54) .100 | -0014 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |      |          |        |        |          |        |        |          |        |        |         |        |        |         |          |        |        |
|                                     | 71164-0027                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | VERTICAL      | "L"            | 11        | 10                                      | (3.30) .130       | (6.10) .240       | TIN          | TIN                   | OVER-ALL               | TIN                  | OVER-ALL    | -0014 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |      |          |        |        |          |        |        |          |        |        |         |        |        |         |          |        |        |
| I                                   | 71164-0028                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | VERTICAL      | "L"            | 20        | 19                                      | (3.30) .130       | (6.10) .240       | TIN          | TIN                   | OVER-ALL               | TIN                  | OVER-ALL    | -0014 | I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |      |          |        |        |          |        |        |          |        |        |         |        |        |         |          |        |        |
|                                     | 71164-0029                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | VERTICAL      | "L"            | 5         | 2,4                                     | (3.30) .130       | (6.10) .240       | TIN          | TIN                   | OVER-ALL               | TIN                  | OVER-ALL    | -0014 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |      |          |        |        |          |        |        |          |        |        |         |        |        |         |          |        |        |
|                                     | 71164-0030                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | VERTICAL      | "L"            | 7         | 7                                       | (3.30) .130       | (6.10) .240       | TIN          | TIN                   | OVER-ALL               | TIN                  | OVER-ALL    | -0014 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |      |          |        |        |          |        |        |          |        |        |         |        |        |         |          |        |        |
|                                     | 71164-0031                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | VERTICAL      | "L"            | 16        | 15                                      | (3.30) .130       | (6.10) .240       | I5 GOLD      | GOLD                  | (5.08) .200            | TIN                  | (2.54) .100 | -0014 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |      |          |        |        |          |        |        |          |        |        |         |        |        |         |          |        |        |
| H                                   | 71164-0032                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | VERTICAL      | "L"            | 20        | 19                                      | (3.81) .150       | (6.10) .240       | I5 GOLD      | GOLD                  | (5.08) .200            | TIN                  | (2.54) .100 | -0014 | H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |      |          |        |        |          |        |        |          |        |        |         |        |        |         |          |        |        |
|                                     | 71164-0033                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | RIGHT ANGLE   | "L"            | 3         | 2                                       | (3.30) .130       | (6.10) .240       | I5 GOLD      | GOLD                  | (5.08) .200            | TIN                  | (2.54) .100 | -0015 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |      |          |        |        |          |        |        |          |        |        |         |        |        |         |          |        |        |
|                                     | 71164-0034                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | VERTICAL      | "L"            | 5         | 2                                       | (3.30) .130       | (6.10) .240       | TIN          | TIN                   | OVER-ALL               | TIN                  | OVER-ALL    | -0014 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |      |          |        |        |          |        |        |          |        |        |         |        |        |         |          |        |        |
|                                     | 71164-0035                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | VERTICAL      | "L"            | 12        | 4                                       | (3.30) .130       | (6.10) .240       | TIN          | TIN                   | OVER-ALL               | TIN                  | OVER-ALL    | -0014 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |      |          |        |        |          |        |        |          |        |        |         |        |        |         |          |        |        |
| G                                   | 71164-0036                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | VERTICAL      | "L"            | 3         | 2                                       | (3.30) .130       | (6.10) .240       | I5 GOLD      | TIN                   | (5.08) .200            | TIN                  | (2.54) .100 | -0014 | G                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |      |          |        |        |          |        |        |          |        |        |         |        |        |         |          |        |        |
|                                     | 71164-0037                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | VERTICAL      | "L"            | 12        | 10                                      | (3.30) .130       | (6.10) .240       | I5 GOLD      | GOLD                  | OVER-ALL               | TIN                  | OVER-ALL    | -0014 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |      |          |        |        |          |        |        |          |        |        |         |        |        |         |          |        |        |
|                                     | 71164-0038                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | VERTICAL      | "L"            | 3         | 2                                       | (3.30) .130       | (6.10) .240       | TIN          | TIN                   | OVER-ALL               | TIN                  | OVER-ALL    | -0014 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |      |          |        |        |          |        |        |          |        |        |         |        |        |         |          |        |        |
| F                                   | 71164-0039                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | VERTICAL      | "L"            | 8         | 1,3,5,7                                 | (3.30) .130       | (6.10) .240       | TIN          | TIN                   | OVER-ALL               | TIN                  | OVER-ALL    | -0014 | F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |      |          |        |        |          |        |        |          |        |        |         |        |        |         |          |        |        |
|                                     | 71164-0040                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | VERTICAL      | "L"            | 24        | 1,3,5,7,9,11,13,15,17,19,21,23          | (3.30) .130       | (6.10) .240       | TIN          | TIN                   | OVER-ALL               | TIN                  | OVER-ALL    | -0014 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |      |          |        |        |          |        |        |          |        |        |         |        |        |         |          |        |        |
|                                     | 71164-0041                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | VERTICAL      | "L"            | 4         | 1                                       | (3.30) .130       | (6.10) .240       | TIN          | TIN                   | OVER-ALL               | TIN                  | OVER-ALL    | -0014 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |      |          |        |        |          |        |        |          |        |        |         |        |        |         |          |        |        |
|                                     | 71164-0042                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | VERTICAL      | "L"            | 4         | 2                                       | (3.30) .130       | (6.10) .240       | TIN          | TIN                   | OVER-ALL               | TIN                  | OVER-ALL    | -0014 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |      |          |        |        |          |        |        |          |        |        |         |        |        |         |          |        |        |
| E                                   | 71164-0043                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | VERTICAL      | "L"            | 4         | 3                                       | (3.30) .130       | (6.10) .240       | TIN          | TIN                   | OVER-ALL               | TIN                  | OVER-ALL    | -0014 | E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |      |          |        |        |          |        |        |          |        |        |         |        |        |         |          |        |        |
|                                     | 71164-0044                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | RIGHT ANGLE   | "M"            | 10        | 2,3,4,6,7,8,9                           | (3.30) .130       | (6.10) .240       | I5 GOLD      | GOLD                  | (5.08) .200            | TIN                  | (2.54) .100 | -0015 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |      |          |        |        |          |        |        |          |        |        |         |        |        |         |          |        |        |
| D                                   | <p>TIN - 3.81 MICROMETER/(150 MICROINCH) MINIMUM TIN PLATE IN SELECT AREA, OVER 1.27 MICROMETER/(50 MICROINCH) MINIMUM NICKEL UNDERPLATE.</p> <p>30 GOLD - .76 MICROMETER/(30 MICROINCH) MINIMUM GOLD PLATE IN SELECT AREA, 1.91 MICROMETER/(75 MICROINCH) MINIMUM TIN PLATE IN SELECT AREA, OVER 1.27 MICROMETER/(50 MICROINCH) MINIMUM NICKEL UNDERPLATE.</p> <p>I5 GOLD - .38 MICROMETER/(15 MICROINCH) MINIMUM GOLD PLATE IN SELECT AREA, 1.91 MICROMETER/(75 MICROINCH) MINIMUM TIN PLATE IN SELECT AREA, OVER 1.27 MICROMETER/(50 MICROINCH) MINIMUM NICKEL UNDERPLATE.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               |                |           |                                         |                   |                   |              |                       |                        |                      |             |       | D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |      |          |        |        |          |        |        |          |        |        |         |        |        |         |          |        |        |
| C                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                |           |                                         |                   |                   |              |                       |                        |                      |             |       | C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |      |          |        |        |          |        |        |          |        |        |         |        |        |         |          |        |        |
| B                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                |           |                                         |                   |                   |              |                       |                        |                      |             |       | <p>SEE SHEET 1</p> <p>EC NO: UCP2014-4433</p> <p>DRWN:MORGAN 2014/04/24</p> <p>CHKD:MP0FF 2014/04/24</p> <p>APPR:SMILLER 2014/05/06</p> <p>DESCRIPTION</p> <p>REV T1</p> <p>QUALITY SYMBOLS</p> <p>GENERAL TOLERANCES (UNLESS SPECIFIED)</p> <table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± .---</td><td>± .---</td></tr><tr><td>3 PLACES</td><td>± .---</td><td>± .005</td></tr><tr><td>2 PLACES</td><td>± 0.13</td><td>± .010</td></tr><tr><td>1 PLACE</td><td>± 0.25</td><td>± .---</td></tr><tr><td>0 PLACE</td><td>±</td><td>±</td></tr></table> <p>ANGULAR ±1/2°</p> <p>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</p> <p>DIMENSION STYLE MM/IN</p> <p>SCALE 1:1</p> <p>DESIGN UNITS INCH</p> <p>THIRD ANGLE PROJECTION</p> <p>DRAWN BY DATE BJS 1994/09/30</p> <p>CHECKED BY DATE</p> <p>APPROVED BY DATE SMILLER 2010/05/10</p> <p>MATERIAL NO.</p> <p>DOCUMENT NO. SDA-71164-****</p> <p>SHEET NO. 4 OF 4</p> <p>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</p> |    |      |          |        |        |          |        |        |          |        |        |         |        | mm     | INCH    | 4 PLACES | ± .--- | ± .--- |
|                                     | mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | INCH          |                |           |                                         |                   |                   |              |                       |                        |                      |             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |      |          |        |        |          |        |        |          |        |        |         |        |        |         |          |        |        |
| 4 PLACES                            | ± .---                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ± .---        |                |           |                                         |                   |                   |              |                       |                        |                      |             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |      |          |        |        |          |        |        |          |        |        |         |        |        |         |          |        |        |
| 3 PLACES                            | ± .---                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ± .005        |                |           |                                         |                   |                   |              |                       |                        |                      |             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |      |          |        |        |          |        |        |          |        |        |         |        |        |         |          |        |        |
| 2 PLACES                            | ± 0.13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ± .010        |                |           |                                         |                   |                   |              |                       |                        |                      |             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |      |          |        |        |          |        |        |          |        |        |         |        |        |         |          |        |        |
| 1 PLACE                             | ± 0.25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ± .---        |                |           |                                         |                   |                   |              |                       |                        |                      |             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |      |          |        |        |          |        |        |          |        |        |         |        |        |         |          |        |        |
| 0 PLACE                             | ±                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ±             |                |           |                                         |                   |                   |              |                       |                        |                      |             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |      |          |        |        |          |        |        |          |        |        |         |        |        |         |          |        |        |
| A                                   | <p>SEE SHEET 1</p> <p>EC NO: UCP2014-4433</p> <p>DRWN:MORGAN 2014/04/24</p> <p>CHKD:MP0FF 2014/04/24</p> <p>APPR:SMILLER 2014/05/06</p> <p>DESCRIPTION</p> <p>REV T1</p> <p>QUALITY SYMBOLS</p> <p>GENERAL TOLERANCES (UNLESS SPECIFIED)</p> <table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± .---</td><td>± .---</td></tr><tr><td>3 PLACES</td><td>± .---</td><td>± .005</td></tr><tr><td>2 PLACES</td><td>± 0.13</td><td>± .010</td></tr><tr><td>1 PLACE</td><td>± 0.25</td><td>± .---</td></tr><tr><td>0 PLACE</td><td>±</td><td>±</td></tr></table> <p>ANGULAR ±1/2°</p> <p>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</p> <p>DIMENSION STYLE MM/IN</p> <p>SCALE 1:1</p> <p>DESIGN UNITS INCH</p> <p>THIRD ANGLE PROJECTION</p> <p>DRAWN BY DATE BJS 1994/09/30</p> <p>CHECKED BY DATE</p> <p>APPROVED BY DATE SMILLER 2010/05/10</p> <p>MATERIAL NO.</p> <p>DOCUMENT NO. SDA-71164-****</p> <p>SHEET NO. 4 OF 4</p> <p>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</p> |               |                |           |                                         |                   |                   |              |                       |                        |                      |             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | mm | INCH | 4 PLACES | ± .--- | ± .--- | 3 PLACES | ± .--- | ± .005 | 2 PLACES | ± 0.13 | ± .010 | 1 PLACE | ± 0.25 | ± .--- | 0 PLACE | ±        | ±      | A      |
|                                     | mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | INCH          |                |           |                                         |                   |                   |              |                       |                        |                      |             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |      |          |        |        |          |        |        |          |        |        |         |        |        |         |          |        |        |
| 4 PLACES                            | ± .---                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ± .---        |                |           |                                         |                   |                   |              |                       |                        |                      |             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |      |          |        |        |          |        |        |          |        |        |         |        |        |         |          |        |        |
| 3 PLACES                            | ± .---                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ± .005        |                |           |                                         |                   |                   |              |                       |                        |                      |             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |      |          |        |        |          |        |        |          |        |        |         |        |        |         |          |        |        |
| 2 PLACES                            | ± 0.13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ± .010        |                |           |                                         |                   |                   |              |                       |                        |                      |             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |      |          |        |        |          |        |        |          |        |        |         |        |        |         |          |        |        |
| 1 PLACE                             | ± 0.25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ± .---        |                |           |                                         |                   |                   |              |                       |                        |                      |             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |      |          |        |        |          |        |        |          |        |        |         |        |        |         |          |        |        |
| 0 PLACE                             | ±                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ±             |                |           |                                         |                   |                   |              |                       |                        |                      |             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |      |          |        |        |          |        |        |          |        |        |         |        |        |         |          |        |        |
| 1b_frame_C_P_AM.T Rev. G 2012/01/11 | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 11            | 10             | 9         | 8                                       | 7                 | 6                 | 5            | 4                     | 3                      | 2                    | 1           |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |      |          |        |        |          |        |        |          |        |        |         |        |        |         |          |        |        |