

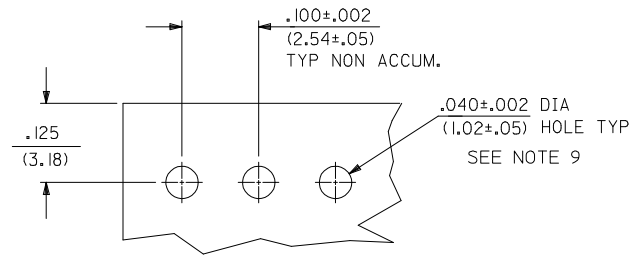
CENTERLINE OF PIN IN AREA SHOWN NOT TO VARY FROM CENTERLINE OF PIN AT DATUM -D- BY MORE THAN .005/(0.13) IN ANY DIRECTION

OPTIONAL KINK PIN SEE CHART SEE NOTE 9

CENTERLINE OF PIN IN AREA SHOWN NOT TO VARY FROM CENTERLINE OF PIN AT DATUM -D- BY MORE THAN .005/(0.13) IN ANY DIRECTION

| CKTS | DIM A           | DIM B           |
|------|-----------------|-----------------|
| 2    | .100<br>(2.54)  | .195<br>(4.95)  |
| 3    | .200<br>(5.08)  | .295<br>(7.49)  |
| 4    | .300<br>(7.62)  | .395<br>(10.03) |
| 5    | .400<br>(10.16) | .495<br>(12.57) |
| 6    | .500<br>(12.70) | .595<br>(15.11) |
| 7    | .600<br>(15.24) | .695<br>(17.65) |
| 8    | .700<br>(17.78) | .795<br>(20.19) |
| 9    | .800<br>(20.32) | .895<br>(22.73) |
| 10   | .900<br>(22.86) | .995<br>(25.27) |

- NOTES:
1. MATERIAL: GLASS FILLED POLYESTER, RATED UL 94V-0, COLOR: NATURAL (WHITE)  
PIN MATERIAL: 260 BRASS.
  2. FINISH:
    - (197) - OVERALL REFLOWED MATTE TIN: .000060/(0.00152) MIN.  
OVERALL NICKEL UNDERPLATE: .000050/(0.00127) MIN.
    - (154) - OVERALL TIN: .000100/(0.00254) MIN.  
OVERALL NICKEL UNDERPLATE: .000050/(0.00127) MIN.
    - (231) - SELECT GOLD: .000050/(0.00127) MIN.  
SELECT MATTE TIN: .000100/(0.00254) MIN.  
OVERALL NICKEL UNDERPLATE: .000050/(0.00127) MIN.
  3. PRODUCT SPECIFICATIONS: PS-10-07.
  4. PACKAGING: OPTION 1): BULK PER PK-43009-001.  
OPTION 2): TUBE PER PK-44743-001.
  5. PIN PUSH OUT FORCE: 3 LBS. MIN. (PER CKT).
  6. PARTS ARE STACKABLE END TO END ON .100/(2.54) CENTERS.
  7. SOLDERABILITY PER ES-152.
  8. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
  9. KINK PIN OPTION NOT RECOMMENDED FOR 2 CIRCUIT PARTS.  
HOLE SIZE MAY NEED TO BE ADJUSTED FOR 2 CIRCUIT PARTS WITH KINK OPTION FOR PROPER INSERTION INTO THE PCB.  
SEE SMES-42003 FOR ADDITIONAL INFORMATION ON KINK PIN DIRECTION AND PLACEMENT.



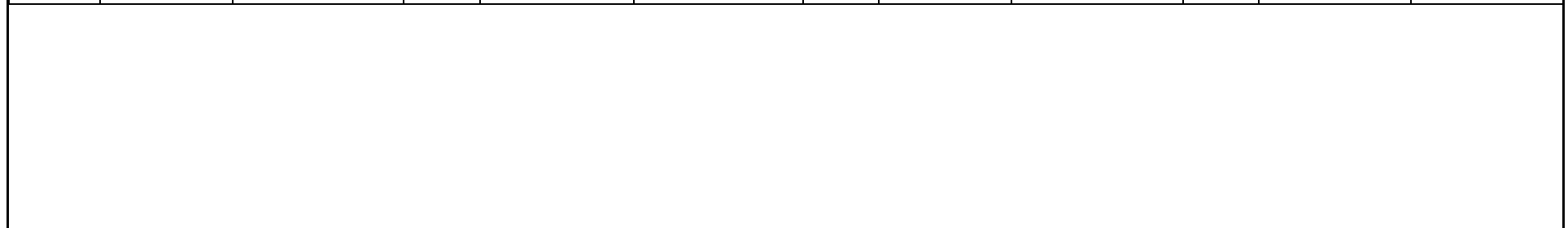
RECOMMENDED PC BOARD LAYOUT (.062 THK)

|           |       |      |
|-----------|-------|------|
| GEN. DOC. | 2-*   | E1   |
| ME 10     | 1     | E2   |
| DOC. TYPE | SHEET | REV. |

|   |                 |             |
|---|-----------------|-------------|
| ADD NOTE 9<br>EC NO: UCP2013-1030<br>DRAWN: MISTROH 2012/09/12<br>CHKD: KXIPPER 2012/09/14<br>APPR: FSMITH 2012/10/09 | QUALITY SYMBOLS | DESCRIPTION |
|   | ▽=0             |             |
|   | ▽=0             |             |
|   | ▽=0             |             |
| REV   | E2              |             |

|  |                          |                     |   |                        |  |
|--|--------------------------|---------------------|---|------------------------|--|
| GENERAL TOLERANCES (UNLESS SPECIFIED)<br>mm INCH<br>4 PLACES ± --- ± ---<br>3 PLACES ± --- ± .010<br>2 PLACES ± 0.25 ± .014<br>1 PLACE ± 0.36 ± ---<br>0 PLACE ± ± | DIMENSION STYLE<br>IN/MM | SCALE<br>---        | DESIGN UNITS<br>METRIC                                    | THIRD ANGLE PROJECTION |  |
|  | DRAWN BY<br>SAMIEC       | DATE<br>01/28/92    | TITLE<br>HEADER ASSEMBLY<br>FRICTION LOCK<br>.100 CENTERS |                        |  |
| CHECKED BY<br>PATEL  |                          | DATE<br>01/28/92    | molex   |                        |  |
| APPROVED BY<br>LENZ  |                          | DATE<br>01/28/92    | SDA-43009   |                        |  |
| MATERIAL NO.<br>SEE CHART  |                          | DOCUMENT NO.        |   |                        |  |
| ANGULAR ±1/2°<br>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |                          | SHEET NO.<br>1 OF * |   |                        |  |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION                                      |                          |                     |   |                        |  |

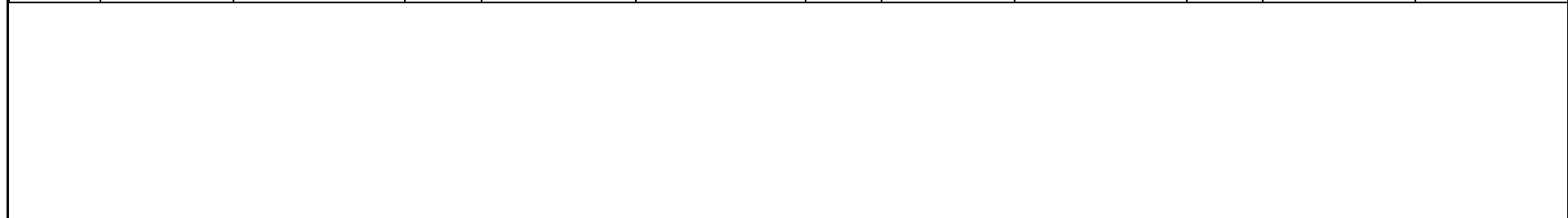
| A-43009-0002/0010 |             |                | A-43009-0011/0019 |                        |              | A-43009-0056/0064 |                |                        | A-43009-0074/0081 |             |                |
|-------------------|-------------|----------------|-------------------|------------------------|--------------|-------------------|----------------|------------------------|-------------------|-------------|----------------|
| <b>OPTIONS</b>    | Header No.  | 42009-N        | <b>OPTIONS</b>    | Header No.             | 42009-N      | <b>OPTIONS</b>    | Header No.     | 42009-N                | <b>OPTIONS</b>    | Header No.  | 42009-N        |
|                   | Pin No.     | 42663-0302     |                   | Pin No.                | 42663-0302   |                   | Pin No.        | 42663-0307             |                   | Pin No.     | 42663-0302     |
|                   | Dim. L      | .560/(14.22)   |                   | Dim. L                 | .560/(14.22) |                   | Dim. L         | .560/(14.22)           |                   | Dim. L      | .560/(14.22)   |
|                   | Dim. X      | .295/(7.49)    |                   | Dim. X                 | .295/(7.49)  |                   | Dim. X         | .295/(7.49)            |                   | Dim. X      | .295/(7.49)    |
|                   | Dim. Z      | .140/(3.56)    |                   | Dim. Z                 | .140/(3.56)  |                   | Dim. Z         | .140/(3.56)            |                   | Dim. Z      | .140/(3.56)    |
|                   | Dim. G      | N/A            |                   | Dim. G                 | N/A          |                   | Dim. G         | .140/(3.56)            |                   | Dim. G      | N/A            |
|                   | Dim. T      | OVERALL        |                   | Dim. T                 | OVERALL      |                   | Dim. T         | .135/(3.43)            |                   | Dim. T      | OVERALL        |
|                   | Plating     | 197 TIN        |                   | Plating                | 197 TIN      |                   | Plating        | 231 SGOLD              |                   | Plating     | 197 TIN        |
|                   | No. of Ckts | 2-10           |                   | No. of Ckts            | 2-10         |                   | No. of Ckts    | 2-10                   |                   | No. of Ckts | 3-10           |
|                   | Void Ckts   | None           |                   | Void Ckts              | None         |                   | Void Ckts      | None                   |                   | Void Ckts   | 2              |
|                   | Kink Pins   | No             |                   | Kink Pins              | Yes          |                   | Kink Pins      | Yes                    |                   | Kink Pins   | Yes            |
|                   | Packaging   | PK-43009-001   |                   | Packaging              | PK-43009-001 |                   | Packaging      | PK-43009-001           |                   | Packaging   | PK-43009-001   |
|                   | <b>Ckt</b>  | <b>EDP No.</b> |                   | <b>Engineering No.</b> | <b>Ckt</b>   |                   | <b>EDP No.</b> | <b>Engineering No.</b> |                   | <b>Ckt</b>  | <b>EDP No.</b> |
| 2                 | 22-23-5024  | A-43009-0002   | 2                 | 22-23-5021             | A-43009-0011 | 2                 | 43009-0056     | A-43009-0056           | 2                 |             |                |
| 3                 | 22-23-5034  | A-43009-0003   | 3                 | 22-23-5031             | A-43009-0012 | 3                 | 43009-0057     | A-43009-0057           | 3                 | 43009-0074  | A-43009-0074   |
| 4                 | 22-23-5044  | A-43009-0004   | 4                 | 22-23-5041             | A-43009-0013 | 4                 | 43009-0058     | A-43009-0058           | 4                 | 43009-0075  | A-43009-0075   |
| 5                 | 22-23-5054  | A-43009-0005   | 5                 | 22-23-5051             | A-43009-0014 | 5                 | 43009-0059     | A-43009-0059           | 5                 | 43009-0076  | A-43009-0076   |
| 6                 | 22-23-5064  | A-43009-0006   | 6                 | 22-23-5061             | A-43009-0015 | 6                 | 43009-0060     | A-43009-0060           | 6                 | 43009-0077  | A-43009-0077   |
| 7                 | 22-23-5074  | A-43009-0007   | 7                 | 22-23-5071             | A-43009-0016 | 7                 | 43009-0061     | A-43009-0061           | 7                 | 43009-0078  | A-43009-0078   |
| 8                 | 22-23-5084  | A-43009-0008   | 8                 | 22-23-5081             | A-43009-0017 | 8                 | 43009-0062     | A-43009-0062           | 8                 | 43009-0079  | A-43009-0079   |
| 9                 | 22-23-5094  | A-43009-0009   | 9                 | 22-23-5091             | A-43009-0018 | 9                 | 43009-0063     | A-43009-0063           | 9                 | 43009-0080  | A-43009-0080   |
| 10                | 22-23-5104  | A-43009-0010   | 10                | 22-23-5101             | A-43009-0019 | 10                | 43009-0064     | A-43009-0064           | 10                | 43009-0081  | A-43009-0081   |



|                                      |                          |   |                                 |
|--------------------------------------|--------------------------|---|---------------------------------|
| REV:<br><b>E1</b>                    | SEE SHEET 1<br>5/31/2012 | TITLE:<br><b>HEADER ASSEMBLY FRICTION LOCK<br/>.100 CENTERS</b> | SHEET No.<br><b>- 2 -</b>       |
| DOCUMENT NUMBER:<br><b>SDA-43009</b> |                          | CREATED / REVISED BY:<br><b>MKIPPER</b>                         | CHECKED BY:<br><b>BANDERSON</b> |
|                                      |                          | APPROVED BY:<br><b>FSMITH</b>                                   |                                 |

| A-43009-0082/0089                    |                          |                | A-43009-0090/0097  |                        |              | A-43009-0098/0106               |                |                        | A-43009-0107/0115             |             |                |
|--------------------------------------|--------------------------|----------------|--|------------------------|--------------|---------------------------------|----------------|------------------------|-------------------------------|-------------|----------------|
| <b>OPTIONS</b>                       | Header No.               | 42009-N        | <b>OPTIONS</b>   | Header No.             | 42009-N      | <b>OPTIONS</b>                  | Header No.     | 42009-N                | <b>OPTIONS</b>                | Header No.  | 42009-N        |
|                                      | Pin No.                  | 42663-0302     |  | Pin No.                | 42663-0302   |                                 | Pin No.        | 42663-0309             |                               | Pin No.     | 42663-0309     |
|                                      | Dim. L                   | .560/(14.22)   |  | Dim. L                 | .560/(14.22) |                                 | Dim. L         | .560/(14.22)           |                               | Dim. L      | .560/(14.22)   |
|                                      | Dim. X                   | .295/(7.49)    |  | Dim. X                 | .295/(7.49)  |                                 | Dim. X         | .295/(7.49)            |                               | Dim. X      | .295/(7.49)    |
|                                      | Dim. Z                   | .140/(3.56)    |  | Dim. Z                 | .140/(3.56)  |                                 | Dim. Z         | .140/(3.56)            |                               | Dim. Z      | .140/(3.56)    |
|                                      | Dim. G                   | N/A            |  | Dim. G                 | N/A          |                                 | Dim. G         | N/A                    |                               | Dim. G      | N/A            |
|                                      | Dim. T                   | OVERALL        |  | Dim. T                 | OVERALL      |                                 | Dim. T         | OVERALL                |                               | Dim. T      | OVERALL        |
|                                      | Plating                  | 197 TIN        |  | Plating                | 197 TIN      |                                 | Plating        | 154 TIN                |                               | Plating     | 154 TIN        |
|                                      | No. of Ckts              | 3-10           |  | No. of Ckts            | 3-10         |                                 | No. of Ckts    | 2-10                   |                               | No. of Ckts | 2-10           |
|                                      | Void Ckts                | 3              |  | Void Ckts              | 3            |                                 | Void Ckts      | None                   |                               | Void Ckts   | None           |
|                                      | Kink Pins                | Yes            |  | Kink Pins              | No           |                                 | Kink Pins      | No                     |                               | Kink Pins   | Yes            |
|                                      | Packaging                | PK-43009-001   |  | Packaging              | PK-43009-001 |                                 | Packaging      | PK-43009-001           |                               | Packaging   | PK-43009-001   |
|                                      | <b>Ckt</b>               | <b>EDP No.</b> |  | <b>Engineering No.</b> | <b>Ckt</b>   |                                 | <b>EDP No.</b> | <b>Engineering No.</b> |                               | <b>Ckt</b>  | <b>EDP No.</b> |
| 2                                    |                          |                | 2  |                        |              | 2                               | 50-34-1986     | A-43009-0098           | 2                             | 50-34-1995  | A-43009-0107   |
| 3                                    | 43009-0082               | A-43009-0082   | 3  | 43009-0090             | A-43009-0090 | 3                               | 50-34-1987     | A-43009-0099           | 3                             | 50-34-1996  | A-43009-0108   |
| 4                                    | 43009-0083               | A-43009-0083   | 4  | 43009-0091             | A-43009-0091 | 4                               | 50-34-1988     | A-43009-0100           | 4                             | 50-34-1997  | A-43009-0109   |
| 5                                    | 43009-0084               | A-43009-0084   | 5  | 43009-0092             | A-43009-0092 | 5                               | 50-34-1989     | A-43009-0101           | 5                             | 50-34-1998  | A-43009-0110   |
| 6                                    | 43009-0085               | A-43009-0085   | 6  | 43009-0093             | A-43009-0093 | 6                               | 50-34-1990     | A-43009-0102           | 6                             | 50-34-1999  | A-43009-0111   |
| 7                                    | 43009-0086               | A-43009-0086   | 7  | 43009-0094             | A-43009-0094 | 7                               | 50-34-1991     | A-43009-0103           | 7                             | 50-30-4401  | A-43009-0112   |
| 8                                    | 43009-0087               | A-43009-0087   | 8  | 43009-0095             | A-43009-0095 | 8                               | 50-34-1992     | A-43009-0104           | 8                             | 50-30-4402  | A-43009-0113   |
| 9                                    | 43009-0088               | A-43009-0088   | 9  | 43009-0096             | A-43009-0096 | 9                               | 50-34-1993     | A-43009-0105           | 9                             | 50-30-4403  | A-43009-0114   |
| 10                                   | 43009-0089               | A-43009-0089   | 10   | 43009-0097             | A-43009-0097 | 10                              | 50-34-1994     | A-43009-0106           | 10                            | 50-30-4404  | A-43009-0115   |
| REV:                                 | SEE SHEET 1<br>5/31/2012 |                | TITLE: <b>HEADER ASSEMBLY FRICTION LOCK<br/>.100 CENTERS</b> |                        |              |                                 |                |                        | SHEET No.<br><b>- 3 -</b>     |             |                |
| DOCUMENT NUMBER:<br><b>SDA-43009</b> |                          |                | CREATED / REVISED BY:<br><b>MKIPPER</b>                      |                        |              | CHECKED BY:<br><b>BANDERSON</b> |                |                        | APPROVED BY:<br><b>FSMITH</b> |             |                |

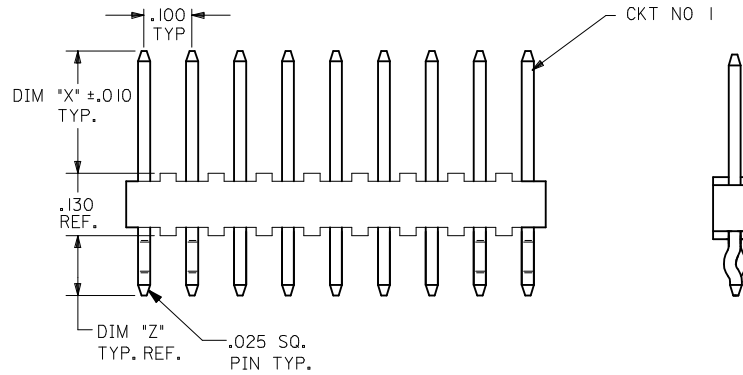
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|-------------------|-------------|--------------|---------|-----------------|--------------|---------|-------------|-----------------|---------|-------------|--------------|
| OPTIONS           | Header No.  | 42009-N      | OPTIONS | Header No.      |              | OPTIONS | Header No.  |                 | OPTIONS | Header No.  |              |
|                   | Pin No.     | 42663-0302   |         | Pin No.         |              |         | Pin No.     |                 |         | Pin No.     |              |
|                   | Dim. L      | .560/(14.22) |         | Dim. L          |              |         | Dim. L      |                 |         | Dim. L      |              |
|                   | Dim. X      | .295/(7.49)  |         | Dim. X          |              |         | Dim. X      |                 |         | Dim. X      |              |
|                   | Dim. Z      | .140/(3.56)  |         | Dim. Z          |              |         | Dim. Z      |                 |         | Dim. Z      |              |
|                   | Dim. G      | N/A          |         | Dim. G          |              |         | Dim. G      |                 |         | Dim. G      |              |
|                   | Dim. T      | OVERALL      |         | Dim. T          |              |         | Dim. T      |                 |         | Dim. T      |              |
|                   | Plating     | 197 TIN      |         | Plating         |              |         | Plating     |                 |         | Plating     |              |
|                   | No. of Ckts | 5-10         |         | No. of Ckts     |              |         | No. of Ckts |                 |         | No. of Ckts |              |
|                   | Void Ckts   | 5            |         | Void Ckts       |              |         | Void Ckts   |                 |         | Void Ckts   |              |
|                   | Kink Pins   | No           |         | Kink Pins       |              |         | Kink Pins   |                 |         | Kink Pins   |              |
|                   | Packaging   | PK-43009-001 |         | Packaging       | PK-43009-001 |         | Packaging   | PK-43009-001    |         | Packaging   | PK-43009-001 |
|                   | Ckt         | EDP No.      |         | Engineering No. | Ckt          |         | EDP No.     | Engineering No. |         | Ckt         | EDP No.      |
| 2                 |             |              | 2       |                 |              | 2       |             |                 | 2       |             |              |
| 3                 |             |              | 3       |                 |              | 3       |             |                 | 3       |             |              |
| 4                 |             |              | 4       |                 |              | 4       |             |                 | 4       |             |              |
| 5                 |             |              | 5       |                 |              | 5       |             |                 | 5       |             |              |
| 6                 |             |              | 6       |                 |              | 6       |             |                 | 6       |             |              |
| 7                 | 43009-0127  | A-43009-0127 | 7       |                 |              | 7       |             |                 | 7       |             |              |
| 8                 |             |              | 8       |                 |              | 8       |             |                 | 8       |             |              |
| 9                 |             |              | 9       |                 |              | 9       |             |                 | 9       |             |              |
| 10                |             |              | 10      |                 |              | 10      |             |                 | 10      |             |              |



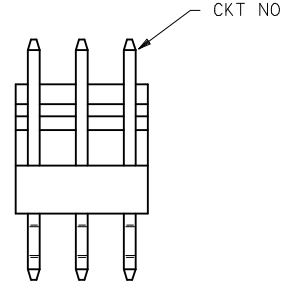
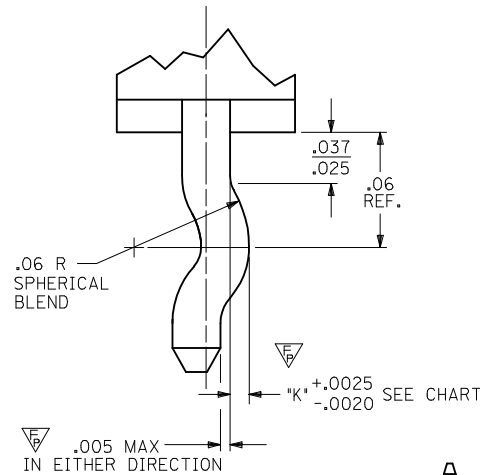
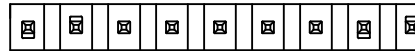
|                                      |                          |   |                                 |
|--------------------------------------|--------------------------|---|---------------------------------|
| REV:<br><b>E1</b>                    | SEE SHEET 1<br>5/31/2012 | TITLE:<br><b>HEADER ASSEMBLY FRICTION LOCK<br/>.100 CENTERS</b> | SHEET No.<br><b>- 4 -</b>       |
| DOCUMENT NUMBER:<br><b>SDA-43009</b> |                          | CREATED / REVISED BY:<br><b>MKIPPER</b>                         | CHECKED BY:<br><b>BANDERSON</b> |
|                                      |                          | APPROVED BY:<br><b>FSMITH</b>                                   |                                 |

| 13       | 12                | 11    | 10                 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
|----------|-------------------|-------|--------------------|---|---|---|---|---|---|---|---|---|
| CKT SIZE | KINK PIN LOCATION | DIM K | KINK PIN DIRECTION |   |   |   |   |   |   |   |   |   |
| 2        | 1,2               | .010  | OPPOSITE           |   |   |   |   |   |   |   |   |   |
| 3        | 1,2,3             | .0075 | OPPOSITE           |   |   |   |   |   |   |   |   |   |
| 3*       | 1,3               | .010  | OPPOSITE           |   |   |   |   |   |   |   |   |   |
| 4        | 1,2,3,4           | .0075 | OPPOSITE           |   |   |   |   |   |   |   |   |   |
| 5        | 1,2,3,4,5         | .0075 | OPPOSITE           |   |   |   |   |   |   |   |   |   |
| 6        | 1,2, 5,6          | .0075 | OPPOSITE           |   |   |   |   |   |   |   |   |   |
| 7        | 1,2, 6,7          | .0075 | OPPOSITE           |   |   |   |   |   |   |   |   |   |
| 8        | 1,2, 7,8          | .0075 | OPPOSITE           |   |   |   |   |   |   |   |   |   |
| 9        | 1,2, 8,9          | .0075 | OPPOSITE           |   |   |   |   |   |   |   |   |   |
| 10       | 1,2, 9,10         | .0075 | OPPOSITE           |   |   |   |   |   |   |   |   |   |
| 11       | 1,2,10,11         | .0075 | OPPOSITE           |   |   |   |   |   |   |   |   |   |
| 12       | 1,2,11,12         | .0075 | OPPOSITE           |   |   |   |   |   |   |   |   |   |
| 13       | 1,2,12,13         | .0075 | OPPOSITE           |   |   |   |   |   |   |   |   |   |
| 14       | 1,2,13,14         | .0075 | OPPOSITE           |   |   |   |   |   |   |   |   |   |
| 15       | 1,2,14,15         | .0075 | OPPOSITE           |   |   |   |   |   |   |   |   |   |
| 16       | 1,2,15,16         | .0075 | OPPOSITE           |   |   |   |   |   |   |   |   |   |
| 17       | 1,2,16,17         | .0075 | OPPOSITE           |   |   |   |   |   |   |   |   |   |
| 18       | 1,2,17,18         | .0075 | OPPOSITE           |   |   |   |   |   |   |   |   |   |
| 19       | 1,2,18,19         | .0075 | OPPOSITE           |   |   |   |   |   |   |   |   |   |
| 20       | 1,2,19,20         | .0075 | OPPOSITE           |   |   |   |   |   |   |   |   |   |
| 21       | 1,2,20,21         | .0075 | OPPOSITE           |   |   |   |   |   |   |   |   |   |
| 22       | 1,2,21,22         | .0075 | OPPOSITE           |   |   |   |   |   |   |   |   |   |
| 23       | 1,2,22,23         | .0075 | OPPOSITE           |   |   |   |   |   |   |   |   |   |
| 24       | 1,2,23,24         | .0075 | OPPOSITE           |   |   |   |   |   |   |   |   |   |
| 25       | 1,2,24,25         | .0075 | OPPOSITE           |   |   |   |   |   |   |   |   |   |
| 26       | 1,2,25,26         | .0075 | OPPOSITE           |   |   |   |   |   |   |   |   |   |
| 27       | 1,2,26,27         | .0075 | OPPOSITE           |   |   |   |   |   |   |   |   |   |
| 28       | 1,2,27,28         | .0075 | OPPOSITE           |   |   |   |   |   |   |   |   |   |
| 29       | 1,2,28,29         | .0075 | OPPOSITE           |   |   |   |   |   |   |   |   |   |
| 30       | 1,2,29,30         | .0075 | OPPOSITE           |   |   |   |   |   |   |   |   |   |
| 31       | 1,2,30,31         | .0075 | OPPOSITE           |   |   |   |   |   |   |   |   |   |
| 32       | 1,2,31,32         | .0075 | OPPOSITE           |   |   |   |   |   |   |   |   |   |
| 33       | 1,2,32,33         | .0075 | OPPOSITE           |   |   |   |   |   |   |   |   |   |
| 34       | 1,2,33,34         | .0075 | OPPOSITE           |   |   |   |   |   |   |   |   |   |
| 35       | 1,2,34,35         | .0075 | OPPOSITE           |   |   |   |   |   |   |   |   |   |
| 36       | 1,2,35,36         | .0075 | OPPOSITE           |   |   |   |   |   |   |   |   |   |
| 37       | 1,2,36,37         | .0075 | OPPOSITE           |   |   |   |   |   |   |   |   |   |
| 38       | 1,2,37,38         | .0075 | OPPOSITE           |   |   |   |   |   |   |   |   |   |
| 39       | 1,2,38,39         | .0075 | OPPOSITE           |   |   |   |   |   |   |   |   |   |
| 40       | 1,2,39,40         | .0075 | OPPOSITE           |   |   |   |   |   |   |   |   |   |

3 CKT PART WITH VOID



KINKED OPPOSITE DIRECTIONS  
TYP FOR ALL CKT SIZES



| KINK DIRECTION<br>VIEWED FROM CKT 1                                |  |
|--|--|
| KINK PINS AWAY FROM PIN BEND DIRECTION AS SHOWN<br>42376<br>42375  | KINK PINS TOWARD HEADER AS SHOWN<br>42377                      |
| FLAT HEADERS<br>42225<br>42227<br>43009                            | FLAT HEADERS<br>42226<br>42228<br>42624                        |
| KINK PINS TOWARD FRICTION LOCK AS SHOWN<br>42225<br>42227<br>43009 | KINK PINS AWAY FROM HEADER AS SHOWN<br>42226<br>42228<br>42624 |

- NOTES:
- DIM. \*X\* TO BE .250 TO 1.000.
  - DIM \*Z\* TO BE .135 MIN. TO .250.
  - FOR HEADER ASSEMBLIES THAT HAVE A VOIDED CKT IN A KINKED PIN LOCATION, THE KINKED PIN LOCATION SHOULD BE MOVED TO THE NEXT CKT.
  - MACHINE MUST BE CAPABLE OF KINKING PINS ON ALL PRODUCTS SHOWN ABOVE.
  - KINK PINS NOT RECOMMENDED FOR 2 CKT. PARTS. PCB HOLE SIZE MAY NEED TO BE ADJUSTED FOR PROPER INSERTION.

| <b>ADD QUALITY SYMB</b><br>EC NO: UCP2016-0224<br>DRAWN: J.MONTI 2015/07/15<br>CHKD: JHK/PPR 2015/07/15<br>APPR: F.SMITH 2015/07/17 | QUALITY SYMBOLS<br>▽=0<br>▽=0<br>▽=2 | GENERAL TOLERANCES (UNLESS SPECIFIED)<br><table border="1"> <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>± ---</td> <td>± .01</td> </tr> <tr> <td>1 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>0 PLACE</td> <td>±</td> <td>±</td> </tr> </table> |                 | mm  | INCH   | 4 PLACES                   | ± --- | ± --- | 3 PLACES | ± --- | ± .005 | 2 PLACES | ± --- | ± .01 | 1 PLACE | ± --- | ± --- | 0 PLACE | ± | ± | DIMENSION STYLE<br><b>INCH ONLY</b> | SCALE<br>--- | DESIGN UNITS<br><b>INCH</b> | THIRD ANGLE PROJECTION |
|---|--------------------------------------|---|-----------------|---|--|----------------------------|-------|-------|----------|-------|--------|----------|-------|-------|---------|-------|-------|---------|---|---|-------------------------------------|--------------|-----------------------------|------------------------|
|   |                                      |   |                 | mm  | INCH   |                            |       |       |          |       |        |          |       |       |         |       |       |         |   |   |                                     |              |                             |                        |
| 4 PLACES  | ± ---                                | ± ---   |                 |   |  |                            |       |       |          |       |        |          |       |       |         |       |       |         |   |   |                                     |              |                             |                        |
| 3 PLACES  | ± ---                                | ± .005  |                 |   |  |                            |       |       |          |       |        |          |       |       |         |       |       |         |   |   |                                     |              |                             |                        |
| 2 PLACES  | ± ---                                | ± .01   |                 |   |  |                            |       |       |          |       |        |          |       |       |         |       |       |         |   |   |                                     |              |                             |                        |
| 1 PLACE   | ± ---                                | ± ---   |                 |   |  |                            |       |       |          |       |        |          |       |       |         |       |       |         |   |   |                                     |              |                             |                        |
| 0 PLACE   | ±                                    | ±   |                 |   |  |                            |       |       |          |       |        |          |       |       |         |       |       |         |   |   |                                     |              |                             |                        |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |                                      | MATERIAL NO.<br><b>NONE</b>   | DRAWN BY<br>JJS | DATE<br>1996/04/04                                  | TITLE<br><b>ENGINEERING STANDARD<br/>KINK PINS, .100 CENTER<br/>OPPOSITE DIRECTION KINKS</b> | SHEET NO.<br><b>1 OF 1</b> |       |       |          |       |        |          |       |       |         |       |       |         |   |   |                                     |              |                             |                        |
| <b>B1</b>   |                                      | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION   |                 | <b>molex</b><br>DOCUMENT NO. <b>SMES-43703-0000</b> |  |                            |       |       |          |       |        |          |       |       |         |       |       |         |   |   |                                     |              |                             |                        |