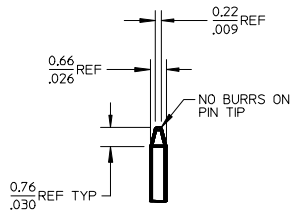
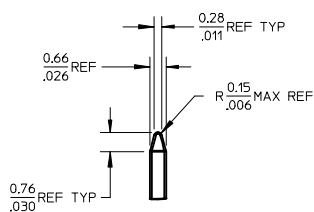


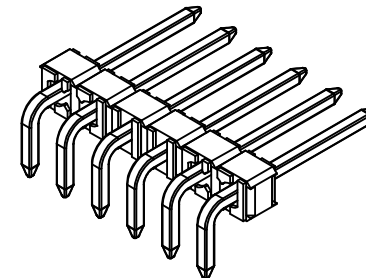
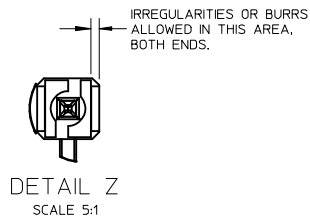
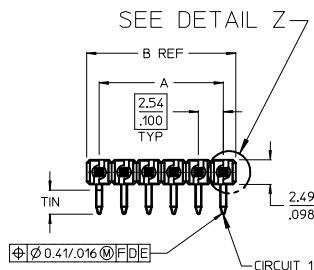
| NO.<br>CKTS | DIM. A | DIM. B |
|-------------|--------|--------|
| 2           | 2.54   | 5.08   |
| 3           | 100    | 200    |
| 4           | 5.08   | 7.62   |
| 5           | 200    | 300    |
| 6           | 7.62   | 10.16  |
| 7           | 300    | 400    |
| 8           | 10.16  | 12.70  |
| 9           | 400    | 500    |
| 10          | 12.70  | 15.24  |
| 11          | 500    | 600    |
| 12          | 15.24  | 17.78  |
| 13          | 600    | 700    |
| 14          | 17.78  | 20.32  |
| 15          | 700    | 800    |
| 16          | 20.32  | 22.86  |
| 17          | 800    | 900    |
| 18          | 22.86  | 25.40  |
| 19          | 900    | 1000   |
| 20          | 25.40  | 27.94  |
| 21          | 1000   | 1100   |
| 22          | 27.94  | 30.48  |
| 23          | 1100   | 1200   |
| 24          | 30.48  | 33.02  |
| 25          | 1200   | 1300   |
| 26          | 33.02  | 35.56  |
| 27          | 1300   | 1400   |
| 28          | 35.56  | 38.10  |
| 29          | 1400   | 1500   |
| 30          | 38.10  | 40.64  |
| 31          | 1500   | 1600   |
| 32          | 40.64  | 43.18  |
| 33          | 1600   | 1700   |
| 34          | 43.18  | 45.72  |
| 35          | 1700   | 1800   |
| 36          | 45.72  | 48.26  |
| 37          | 1800   | 1900   |
| 38          | 48.26  | 50.80  |
| 39          | 1900   | 2000   |
| 40          | 50.80  | 53.34  |
| 41          | 2000   | 2100   |
| 42          | 53.34  | 55.88  |
| 43          | 2100   | 2200   |
| 44          | 55.88  | 58.42  |
| 45          | 2200   | 2300   |
| 46          | 58.42  | 60.96  |
| 47          | 2300   | 2400   |
| 48          | 60.96  | 63.50  |
| 49          | 2400   | 2500   |
| 50          | 63.50  | 66.04  |
| 51          | 2500   | 2600   |
| 52          | 66.04  | 68.58  |
| 53          | 2600   | 2700   |
| 54          | 68.58  | 71.12  |
| 55          | 2700   | 2800   |
| 56          | 71.12  | 73.66  |
| 57          | 2800   | 2900   |
| 58          | 73.66  | 76.20  |
| 59          | 2900   | 3000   |
| 60          | 76.20  | 78.74  |
| 61          | 3000   | 3100   |
| 62          | 78.74  | 81.28  |
| 63          | 3100   | 3200   |
| 64          | 81.28  | 83.82  |
| 65          | 3200   | 3300   |
| 66          | 83.82  | 86.36  |
| 67          | 3300   | 3400   |
| 68          | 86.36  | 88.90  |
| 69          | 3400   | 3500   |
| 70          | 88.90  | 91.44  |
| 71          | 3500   | 3600   |



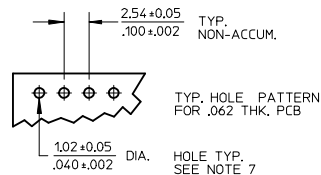
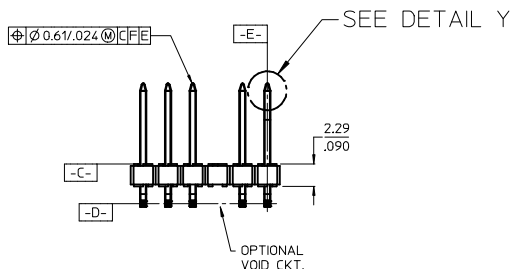
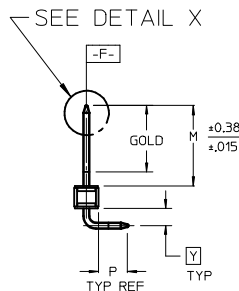
DETAIL X  
SCALE 5:1  
SEE NOTE 10



DETAIL Y  
SCALE 5:1  
SEE NOTE 10



- NOTES:
- MATERIAL: GLASS FILLED NYLON  
UL 94V-0, COLOR: BLACK
  - FINISH:  
(154) OVERALL TIN: 0.00254/.000100 MIN. OVER  
NICKEL: 0.00127/.000050 MIN.  
(208) SELECT GOLD: 0.00038/.000015 MIN.  
SELECT TIN: 0.00254/.000100 MIN.  
OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.  
(228) SELECT GOLD: 0.00076/.000030 MIN.  
SELECT TIN: 0.00254/.000100 MIN.  
OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.
  - PRODUCT SPECIFICATION: PS 10-07.
  - PACKAGING INFORMATION: SEE TABLES
  - SOLDERABILITY PER SMES-152.
  - PIN PUSH OUT FORCE: 3 LBS. MIN
  - 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.
  - HEADERS ARE NOT STACKABLE ON 2.54/.100 CENTERS.
  - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF  
COSMETIC SPECIFICATION PS-45499-002.
  - PIN TIP DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.  
DIMENSIONS APPLY PRIOR TO PLATING OR ASSEMBLY.



|       |     |
|-------|-----|
| 2-*   | A1  |
| 1     | A4  |
| SHEET | REV |

|                                                                                                                                  |            |        |  |                                                        |  |                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |                              |    |      |          |                     |       |          |       |        |          |        |        |         |        |       |         |   |   |                                                                                                                                                                                                                                                                                                                                                 |  |  |  |          |      |        |            |            |      |        |            |             |      |          |            |              |  |              |  |                      |  |                                          |  |
|----------------------------------------------------------------------------------------------------------------------------------|------------|--------|--|--------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|------------------------------|----|------|----------|---------------------|-------|----------|-------|--------|----------|--------|--------|---------|--------|-------|---------|---|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|----------|------|--------|------------|------------|------|--------|------------|-------------|------|----------|------------|--------------|--|--------------|--|----------------------|--|------------------------------------------|--|
| PIN TIP TOLERANCE<br>EC NO: UCP2013-3063<br>DRAWN: HK IPER 2013/08/09<br>CHKD: BANDERSON 2013/08/09<br>APPR: F. SMITH 2013/08/07 |            |        |  | QUALITY SYMBOLS<br><div></div> <div></div> <div></div> |  | GENERAL TOLERANCES (UNLESS SPECIFIED)<br><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>± .010</td></tr><tr><td>2 PLACES</td><td>± 0.25</td><td>± .015</td></tr><tr><td>1 PLACE</td><td>± 0.38</td><td>± ---</td></tr><tr><td>0 PLACE</td><td>±</td><td>±</td></tr></table> |  |  |  |                              | mm | INCH | 4 PLACES | ± ---               | ± --- | 3 PLACES | ± --- | ± .010 | 2 PLACES | ± 0.25 | ± .015 | 1 PLACE | ± 0.38 | ± --- | 0 PLACE | ± | ± | DIMENSION STYLE<br>MM/IN<br><table><tr><td>DRAWN BY</td><td>DATE</td></tr><tr><td>SAMIEC</td><td>2004/07/20</td></tr><tr><td>CHECKED BY</td><td>DATE</td></tr><tr><td>SAMIEC</td><td>2004/07/20</td></tr><tr><td>APPROVED BY</td><td>DATE</td></tr><tr><td>MARGULIS</td><td>2004/07/20</td></tr><tr><td>MATERIAL NO.</td><td></td></tr></table> |  |  |  | DRAWN BY | DATE | SAMIEC | 2004/07/20 | CHECKED BY | DATE | SAMIEC | 2004/07/20 | APPROVED BY | DATE | MARGULIS | 2004/07/20 | MATERIAL NO. |  | SCALE<br>2:1 |  | DESIGN UNITS<br>INCH |  | THIRD ANGLE<br>PROJECTION<br><div></div> |  |
|                                                                                                                                  | mm         | INCH   |  |                                                        |  |                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |                              |    |      |          |                     |       |          |       |        |          |        |        |         |        |       |         |   |   |                                                                                                                                                                                                                                                                                                                                                 |  |  |  |          |      |        |            |            |      |        |            |             |      |          |            |              |  |              |  |                      |  |                                          |  |
| 4 PLACES                                                                                                                         | ± ---      | ± ---  |  |                                                        |  |                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |                              |    |      |          |                     |       |          |       |        |          |        |        |         |        |       |         |   |   |                                                                                                                                                                                                                                                                                                                                                 |  |  |  |          |      |        |            |            |      |        |            |             |      |          |            |              |  |              |  |                      |  |                                          |  |
| 3 PLACES                                                                                                                         | ± ---      | ± .010 |  |                                                        |  |                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |                              |    |      |          |                     |       |          |       |        |          |        |        |         |        |       |         |   |   |                                                                                                                                                                                                                                                                                                                                                 |  |  |  |          |      |        |            |            |      |        |            |             |      |          |            |              |  |              |  |                      |  |                                          |  |
| 2 PLACES                                                                                                                         | ± 0.25     | ± .015 |  |                                                        |  |                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |                              |    |      |          |                     |       |          |       |        |          |        |        |         |        |       |         |   |   |                                                                                                                                                                                                                                                                                                                                                 |  |  |  |          |      |        |            |            |      |        |            |             |      |          |            |              |  |              |  |                      |  |                                          |  |
| 1 PLACE                                                                                                                          | ± 0.38     | ± ---  |  |                                                        |  |                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |                              |    |      |          |                     |       |          |       |        |          |        |        |         |        |       |         |   |   |                                                                                                                                                                                                                                                                                                                                                 |  |  |  |          |      |        |            |            |      |        |            |             |      |          |            |              |  |              |  |                      |  |                                          |  |
| 0 PLACE                                                                                                                          | ±          | ±      |  |                                                        |  |                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |                              |    |      |          |                     |       |          |       |        |          |        |        |         |        |       |         |   |   |                                                                                                                                                                                                                                                                                                                                                 |  |  |  |          |      |        |            |            |      |        |            |             |      |          |            |              |  |              |  |                      |  |                                          |  |
| DRAWN BY                                                                                                                         | DATE       |        |  |                                                        |  |                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |                              |    |      |          |                     |       |          |       |        |          |        |        |         |        |       |         |   |   |                                                                                                                                                                                                                                                                                                                                                 |  |  |  |          |      |        |            |            |      |        |            |             |      |          |            |              |  |              |  |                      |  |                                          |  |
| SAMIEC                                                                                                                           | 2004/07/20 |        |  |                                                        |  |                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |                              |    |      |          |                     |       |          |       |        |          |        |        |         |        |       |         |   |   |                                                                                                                                                                                                                                                                                                                                                 |  |  |  |          |      |        |            |            |      |        |            |             |      |          |            |              |  |              |  |                      |  |                                          |  |
| CHECKED BY                                                                                                                       | DATE       |        |  |                                                        |  |                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |                              |    |      |          |                     |       |          |       |        |          |        |        |         |        |       |         |   |   |                                                                                                                                                                                                                                                                                                                                                 |  |  |  |          |      |        |            |            |      |        |            |             |      |          |            |              |  |              |  |                      |  |                                          |  |
| SAMIEC                                                                                                                           | 2004/07/20 |        |  |                                                        |  |                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |                              |    |      |          |                     |       |          |       |        |          |        |        |         |        |       |         |   |   |                                                                                                                                                                                                                                                                                                                                                 |  |  |  |          |      |        |            |            |      |        |            |             |      |          |            |              |  |              |  |                      |  |                                          |  |
| APPROVED BY                                                                                                                      | DATE       |        |  |                                                        |  |                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |                              |    |      |          |                     |       |          |       |        |          |        |        |         |        |       |         |   |   |                                                                                                                                                                                                                                                                                                                                                 |  |  |  |          |      |        |            |            |      |        |            |             |      |          |            |              |  |              |  |                      |  |                                          |  |
| MARGULIS                                                                                                                         | 2004/07/20 |        |  |                                                        |  |                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |                              |    |      |          |                     |       |          |       |        |          |        |        |         |        |       |         |   |   |                                                                                                                                                                                                                                                                                                                                                 |  |  |  |          |      |        |            |            |      |        |            |             |      |          |            |              |  |              |  |                      |  |                                          |  |
| MATERIAL NO.                                                                                                                     |            |        |  |                                                        |  |                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |                              |    |      |          |                     |       |          |       |        |          |        |        |         |        |       |         |   |   |                                                                                                                                                                                                                                                                                                                                                 |  |  |  |          |      |        |            |            |      |        |            |             |      |          |            |              |  |              |  |                      |  |                                          |  |
| KK 100 HEADER ASSEMBLY<br>FLAT RIGHT ANGLE<br>BREAKAWAY, LEAD-FREE                                                               |            |        |  |                                                        |  | molex                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |                              |    |      |          |                     |       |          |       |        |          |        |        |         |        |       |         |   |   |                                                                                                                                                                                                                                                                                                                                                 |  |  |  |          |      |        |            |            |      |        |            |             |      |          |            |              |  |              |  |                      |  |                                          |  |
|                                                                                                                                  |            |        |  |                                                        |  |                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |                              |    |      |          |                     |       |          |       |        |          |        |        |         |        |       |         |   |   |                                                                                                                                                                                                                                                                                                                                                 |  |  |  |          |      |        |            |            |      |        |            |             |      |          |            |              |  |              |  |                      |  |                                          |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                       |            |        |  |                                                        |  | SEE CHART                                                                                                                                                                                                                                                                                                                                                                  |  |  |  | DOCUMENT NO.<br>SD-42377-002 |    |      |          | SHEET NO.<br>1 OF 2 |       |          |       |        |          |        |        |         |        |       |         |   |   |                                                                                                                                                                                                                                                                                                                                                 |  |  |  |          |      |        |            |            |      |        |            |             |      |          |            |              |  |              |  |                      |  |                                          |  |
| A4                                                                                                                               |            | REV    |  | B                                                      |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION                                                                                                                                                                                                                                           |  |  |  |                              |    |      |          |                     |       |          |       |        |          |        |        |         |        |       |         |   |   |                                                                                                                                                                                                                                                                                                                                                 |  |  |  |          |      |        |            |            |      |        |            |             |      |          |            |              |  |              |  |                      |  |                                          |  |

