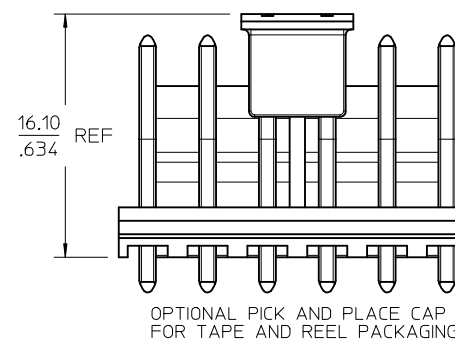
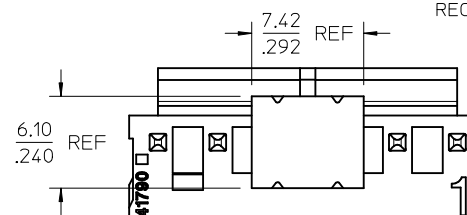
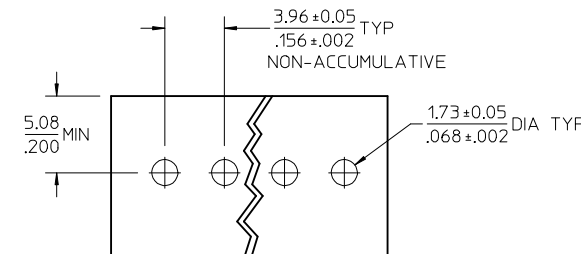
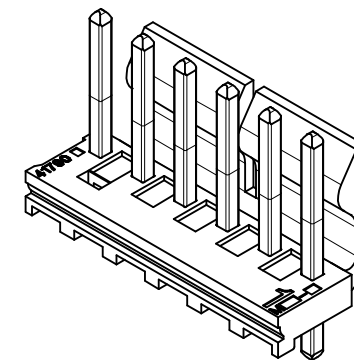
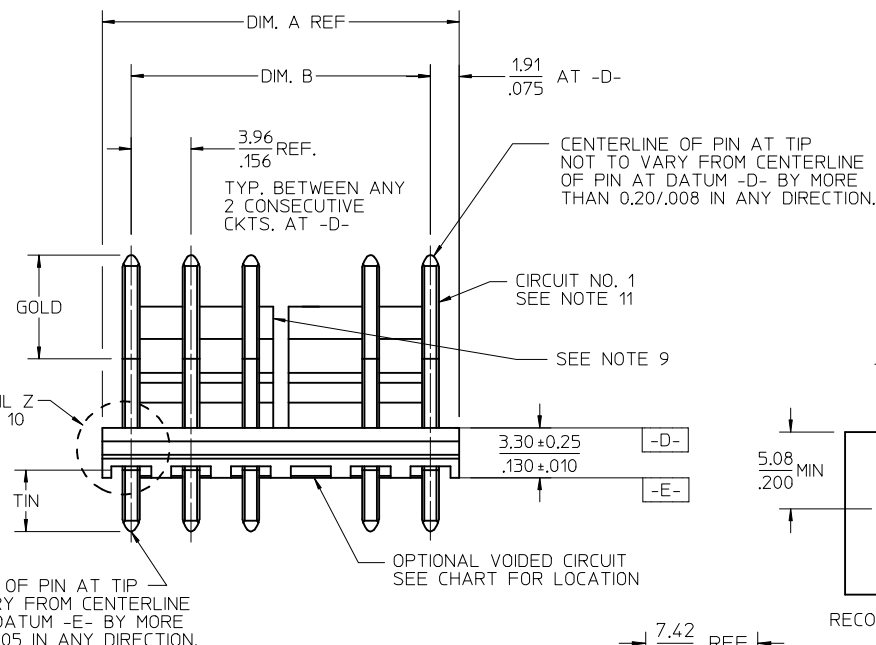
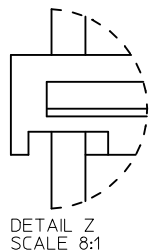
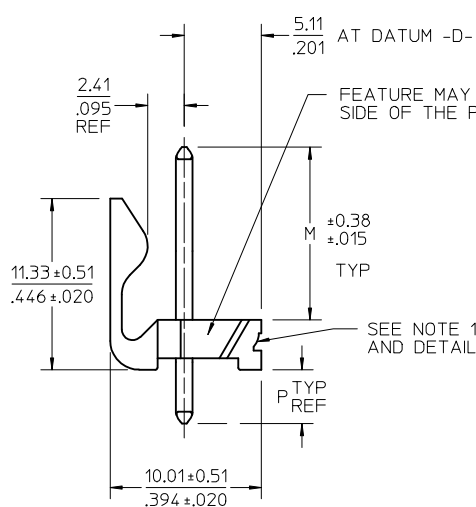




| CIRCUIT SIZE | DIM. A         | DIM. B                   | SLOT LOCATION BETWEEN CIRCUITS |
|--------------|----------------|--------------------------|--------------------------------|
| 2            | 7.77<br>.306   | 3.96±0.05<br>.156±.002   | NONE                           |
| 3            | 11.73<br>.462  | 7.92±0.10<br>.312±.004   | NONE                           |
| 4            | 15.70<br>.618  | 11.89±0.15<br>.468±.006  | NONE                           |
| 5            | 19.66<br>.774  | 15.85±0.15<br>.624±.006  | NONE                           |
| 6            | 23.62<br>.930  | 19.81±0.18<br>.780±.007  | 3 & 4                          |
| 7            | 27.58<br>1.086 | 23.77±0.18<br>.936±.007  | 4 & 5                          |
| 8            | 31.55<br>1.242 | 27.74±0.20<br>1.092±.008 | 4 & 5                          |
| 9            | 35.51<br>1.398 | 31.70±0.20<br>1.248±.008 | 5 & 6                          |
| 10           | 39.47<br>1.554 | 35.66±0.23<br>1.404±.009 | 5 & 6                          |
| 11           | 43.43<br>1.710 | 39.62±0.23<br>1.560±.009 | 6 & 7                          |
| 12           | 47.40<br>1.866 | 43.59±0.25<br>1.716±.010 | 4 & 5<br>8 & 9                 |

# NOTES:

1. MATERIAL: HOUSING: NYLON, UL94V-2, IEC 60335-1 5TH EDITION GLOW WIRE CAPABLE, COLOR: BLACK  
PINS: BRASS

## 2. FINISH:

(197-TIN) = OVERALL REFLOWED MATTE TIN: 0.00152/.000060 MIN.  
OVER 0.00127/.000050 MIN. NICKEL OVERALL.  
(208) = SELECT GOLD: 0.00038/.000015 MIN.  
SELECT MATTE TIN: 0.00254/.000100 MIN.  
BOTH OVER 0.00127/.000050 MIN NICKEL.  
(228) = SELECT GOLD: 0.00076/.000030 MIN.  
SELECT MATTE TIN: 0.00254/.000100 MIN.  
BOTH OVER 0.00127/.000050 MIN NICKEL.

3. PRODUCT SPECIFICATION: PS-171813-0001, PS-171813-0002

4. PACKAGING INFORMATION: SEE CHARTS.

5. SOLDERABILITY: PER SMES-152.

6. PIN PUSH-OUT FORCE: PRIOR TO SOLDERING, A 3 LB. MINIMUM FORCE IN EITHER DIRECTION

7. PARTS ARE STACKABLE END TO END ON 3.96/.156 CENTERS.

8. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

9. SLOTS ON BACKWALL ARE BETWEEN CIRCUITS. SEE CHART FOR LOCATION.

10. FEATURE MAY OR MAY NOT EXTEND ACROSS THE ENTIRE FACE OF THE PART. SEE DETAIL Z.

11. CIRCUIT 1 DESIGNATION IS USED TO DEFINE VOID LOCATION. CIRCUIT 1 MAY OR MAY NOT LINE UP WITH CIRCUIT 1 ON THE MATING HOUSING.

|                                                                                              |                                                       |                                      |                                                            |       |                           |                       |                                                                                                                                  |                                                                                                      |                               |  |  |  |
|----------------------------------------------------------------------------------------------|-------------------------------------------------------|--------------------------------------|------------------------------------------------------------|-------|---------------------------|-----------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-------------------------------|--|--|--|
| ADD TAPE AND REEL<br>EC NO: UCP2014-0335<br>DRWN:MKIPPER<br>CHKD:JBELL<br>APPR:FSMITH<br>REV | DESCRIPTION<br>2013/12/06<br>2013/12/06<br>2014/01/28 | 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<br>⊙ □ |  |  |  |
|                                                                                              |                                                       |                                      |                                                            | mm    | INCH                      | DRAWN BY<br>MKIPPER   | DATE<br>2012/09/13                                                                                                               | TITLE<br>KK RPC 156 FRICTION LOCK<br>VERTICAL HEADER ASSEMBLY<br>SOLID BODY W/O PEGS<br><b>molex</b> |                               |  |  |  |
|                                                                                              |                                                       |                                      | 4 PLACES                                                   | ±---  | ±---                      | CHECKED BY<br>SSOUSEK | DATE<br>2012/09/13                                                                                                               |                                                                                                      |                               |  |  |  |
|                                                                                              |                                                       |                                      | 3 PLACES                                                   | ±---  | ±.010                     | APPROVED BY<br>FSMITH | DATE<br>2013/06/11                                                                                                               |                                                                                                      |                               |  |  |  |
|                                                                                              |                                                       |                                      | 2 PLACES                                                   | ±0.25 | ±.015                     |                       |                                                                                                                                  |                                                                                                      |                               |  |  |  |
|                                                                                              |                                                       |                                      | 1 PLACE                                                    | ±0.38 | ±---                      |                       |                                                                                                                                  |                                                                                                      |                               |  |  |  |
|                                                                                              |                                                       |                                      | 0 PLACE                                                    | ±     | ±                         |                       |                                                                                                                                  |                                                                                                      |                               |  |  |  |
|                                                                                              |                                                       |                                      | ANGULAR ±1/2°                                              |       | MATERIAL NO.<br>SEE CHART |                       | DOCUMENT NO.<br>SD-171813-0001                                                                                                   |                                                                                                      | SHEET NO.<br>1 OF *           |  |  |  |
|                                                                                              |                                                       |                                      | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |       | SIZE<br>C                 |                       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                                                      |                               |  |  |  |

KK RPC 156 FRICTION LOCK  
VERTICAL HEADER ASSEMBLY  
SOLID BODY W/O PEGS

**molex**

|         |              |                      |              |                      |              |                      |
|---------|--------------|----------------------|--------------|----------------------|--------------|----------------------|
| OPTIONS | Group        | 171813-0002/0012     | Group        | 171813-1002/1012     | Group        | 171813-2002/2012     |
|         | Plating:     | 197 – TIN            | Plating:     | 208 – 15 GOLD        | Plating:     | 228 – 30 GOLD        |
|         | Pin Length L | 17.02 / .670         | Pin Length L | 17.02 / .670         | Pin Length L | 17.02 / .670         |
|         | Mating M     | 11.38 / .448         | Mating M     | 11.38 / .448         | Mating M     | 11.38 / .448         |
|         | Gold Loc G   | N/A                  | Gold Loc G   | 6.10 / .240          | Gold Loc G   | 6.10 / .240          |
|         | PC Tail P    | 2.37 / .092          | PC Tail P    | 2.37 / .092          | PC Tail P    | 2.37 / .092          |
|         | Tin Loc T    | OVERALL              | Tin Loc T    | 5.08 / .200          | Tin Loc T    | 5.08 / .200          |
|         | Voided Ckts  | NONE                 | Voided Ckts  | NONE                 | Voided Ckts  | NONE                 |
|         | Pack Per     | PK-41791-001<br>BULK | Pack Per     | PK-41791-001<br>BULK | Pack Per     | PK-41791-001<br>BULK |
|         |              |                      |              |                      |              |                      |
| Ckts    | Material No  |                      | Material No  |                      | Material No  |                      |
| 2       | 171813-0002  |                      | 171813-1002  |                      | 171813-2002  |                      |
| 3       | 171813-0003  |                      | 171813-1003  |                      | 171813-2003  |                      |
| 4       | 171813-0004  |                      | 171813-1004  |                      | 171813-2004  |                      |
| 5       | 171813-0005  |                      | 171813-1005  |                      | 171813-2005  |                      |
| 6       | 171813-0006  |                      | 171813-1006  |                      | 171813-2006  |                      |
| 7       | 171813-0007  |                      | 171813-1007  |                      | 171813-2007  |                      |
| 8       | 171813-0008  |                      | 171813-1008  |                      | 171813-2008  |                      |
| 9       | 171813-0009  |                      | 171813-1009  |                      | 171813-2009  |                      |
| 10      | 171813-0010  |                      | 171813-1010  |                      | 171813-2010  |                      |
| 11      | 171813-0011  |                      | 171813-1011  |                      | 171813-2011  |                      |
| 12      | 171813-0012  |                      | 171813-1012  |                      | 171813-2012  |                      |

|                                           |                             |                                                                                                |                             |
|-------------------------------------------|-----------------------------|------------------------------------------------------------------------------------------------|-----------------------------|
| REV:<br><b>A2</b>                         | ECR/ECN INFORMATION         | TITLE:<br><b>KK RPC 156 HEADER ASSEMBLY<br/>FRICTION LOCK VERTICAL<br/>SOLID BODY W/O PEGS</b> | SHEET No.<br><b>- 2 -</b>   |
|                                           | EC NO.: <b>UCP2014-0335</b> |                                                                                                |                             |
|                                           | DATE: <b>1/30/2014</b>      |                                                                                                |                             |
| DOCUMENT NUMBER:<br><b>SD-171813-0001</b> |                             | CREATED / REVISED BY:<br><b>MKIPPER</b>                                                        | CHECKED BY:<br><b>JBELL</b> |
|                                           |                             | APPROVED BY:<br><b>FSMITH-ROEMER</b>                                                           |                             |

|         |              |                      |              |                      |              |  |
|---------|--------------|----------------------|--------------|----------------------|--------------|--|
| OPTIONS | Group        | 171813-0102/0112     | Group        | 171813-1102/1112     | Group        |  |
|         | Plating:     | 197 – TIN            | Plating:     | 208 – 15 GOLD        | Plating:     |  |
|         | Pin Length L | 18.29 / .720         | Pin Length L | 18.29 / .720         | Pin Length L |  |
|         | Mating M     | 11.43 / .450         | Mating M     | 11.43 / .450         | Mating M     |  |
|         | Gold Loc G   | N/A                  | Gold Loc G   | 6.86 / .270          | Gold Loc G   |  |
|         | PC Tail P    | 3.56 / .140          | PC Tail P    | 3.56 / .140          | PC Tail P    |  |
|         | Tin Loc T    | OVERALL              | Tin Loc T    | 4.06 / .160          | Tin Loc T    |  |
|         | Voided Ckts  | NONE                 | Voided Ckts  | NONE                 | Voided Ckts  |  |
|         | Pack Per     | PK-41791-001<br>BULK | Pack Per     | PK-41791-001<br>BULK | Pack Per     |  |
|         |              |                      |              |                      |              |  |
| Ckts    | Material No  |                      | Material No  |                      | Material No  |  |
| 2       | 171813-0102  |                      | 171813-1102  |                      |              |  |
| 3       | 171813-0103  |                      | 171813-1103  |                      |              |  |
| 4       | 171813-0104  |                      | 171813-1104  |                      |              |  |
| 5       | 171813-0105  |                      | 171813-1105  |                      |              |  |
| 6       | 171813-0106  |                      | 171813-1106  |                      |              |  |
| 7       | 171813-0107  |                      | 171813-1107  |                      |              |  |
| 8       | 171813-0108  |                      | 171813-1108  |                      |              |  |
| 9       | 171813-0109  |                      | 171813-1109  |                      |              |  |
| 10      | 171813-0110  |                      | 171813-1110  |                      |              |  |
| 11      | 171813-0111  |                      | 171813-1111  |                      |              |  |
| 12      | 171813-0112  |                      | 171813-1112  |                      |              |  |

|                                                      |                                    |  |                                                                                                           |  |                                        |                  |                                                 |  |
|------------------------------------------------------|------------------------------------|--|-----------------------------------------------------------------------------------------------------------|--|----------------------------------------|------------------|-------------------------------------------------|--|
| REV:<br><br><b>A2</b>                                | <u>ECR/ECN INFORMATION</u>         |  | <u>TITLE:</u><br><br><b>KK RPC 156 HEADER ASSEMBLY<br/>FRICTION LOCK VERTICAL<br/>SOLID BODY W/O PEGS</b> |  |                                        | <u>SHEET No.</u> |                                                 |  |
|                                                      | <u>EC NO.:</u> <b>UCP2014-0335</b> |  |                                                                                                           |  |                                        | <b>- 3 -</b>     |                                                 |  |
|                                                      | <u>DATE:</u> <b>1/30/2014</b>      |  |                                                                                                           |  |                                        |                  |                                                 |  |
| <u>DOCUMENT NUMBER:</u><br><br><b>SD-171813-0001</b> |                                    |  | <u>CREATED / REVISED BY:</u><br><br><b>MKIPPER</b>                                                        |  | <u>CHECKED BY:</u><br><br><b>JBELL</b> |                  | <u>APPROVED BY:</u><br><br><b>FSMITH-ROEMER</b> |  |

|         |              |                                          |              |                                          |              |  |
|---------|--------------|------------------------------------------|--------------|------------------------------------------|--------------|--|
| OPTIONS | Group        | 171813-3002/3012                         | Group        | 171813-4002/4012                         | Group        |  |
|         | Plating:     | 197 – TIN                                | Plating:     | 208 – 15 GOLD                            | Plating:     |  |
|         | Pin Length L | 17.02 / .670                             | Pin Length L | 17.02 / .670                             | Pin Length L |  |
|         | Mating M     | 11.38 / .448                             | Mating M     | 11.38 / .448                             | Mating M     |  |
|         | Gold Loc G   | N/A                                      | Gold Loc G   | 6.10 / .240                              | Gold Loc G   |  |
|         | PC Tail P    | 2.37 / .092                              | PC Tail P    | 2.37 / .092                              | PC Tail P    |  |
|         | Tin Loc T    | OVERALL                                  | Tin Loc T    | 5.08 / .200                              | Tin Loc T    |  |
|         | Voided Ckts  | NONE                                     | Voided Ckts  | NONE                                     | Voided Ckts  |  |
|         | Pack Per     | PK-171813-0001<br>TAPE AND REEL<br>W/CAP | Pack Per     | PK-171813-0001<br>TAPE AND REEL<br>W/CAP | Pack Per     |  |
|         |              |                                          |              |                                          |              |  |
| Ckts    | Material No  |                                          | Material No  |                                          | Material No  |  |
| 2       | 171813-3002  |                                          | 171813-4002  |                                          |              |  |
| 3       | 171813-3003  |                                          | 171813-4003  |                                          |              |  |
| 4       | 171813-3004  |                                          | 171813-4004  |                                          |              |  |
| 5       | 171813-3005  |                                          | 171813-4005  |                                          |              |  |
| 6       | 171813-3006  |                                          | 171813-4006  |                                          |              |  |
| 7       | 171813-3007  |                                          | 171813-4007  |                                          |              |  |
| 8       | 171813-3008  |                                          | 171813-4008  |                                          |              |  |
| 9       | 171813-3009  |                                          | 171813-4009  |                                          |              |  |
| 10      | 171813-3010  |                                          | 171813-4010  |                                          |              |  |
| 11      | 171813-3011  |                                          | 171813-4011  |                                          |              |  |
| 12      | 171813-3012  |                                          | 171813-4012  |                                          |              |  |

|                                                      |                                    |  |                                                                                                           |  |                                        |                                      |                                                 |  |
|------------------------------------------------------|------------------------------------|--|-----------------------------------------------------------------------------------------------------------|--|----------------------------------------|--------------------------------------|-------------------------------------------------|--|
| REV:<br><br><b>A2</b>                                | <u>ECR/ECN INFORMATION</u>         |  | <u>TITLE:</u><br><br><b>KK RPC 156 HEADER ASSEMBLY<br/>FRICTION LOCK VERTICAL<br/>SOLID BODY W/O PEGS</b> |  |                                        | <u>SHEET No.</u><br><br><b>- 4 -</b> |                                                 |  |
|                                                      | <u>EC NO.:</u> <b>UCP2014-0335</b> |  |                                                                                                           |  |                                        |                                      |                                                 |  |
|                                                      | <u>DATE:</u> <b>1/30/2014</b>      |  |                                                                                                           |  |                                        |                                      |                                                 |  |
| <u>DOCUMENT NUMBER:</u><br><br><b>SD-171813-0001</b> |                                    |  | <u>CREATED / REVISED BY:</u><br><br><b>MKIPPER</b>                                                        |  | <u>CHECKED BY:</u><br><br><b>JBELL</b> |                                      | <u>APPROVED BY:</u><br><br><b>FSMITH-ROEMER</b> |  |