



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

- NOTES:
- MATERIAL: HOUSING: NYLON, UL94V-2, IEC 60335-1 5TH EDITION GLOW WIRE CAPABLE, COLOR: BLACK  
PINS: BRASS
  - 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.
  - PRODUCT SPECIFICATION: PS-171813-0001, PS-171813-0002
  - PACKAGING INFORMATION: SEE CHARTS.
  - SOLDERABILITY: PER SMES-152.
  - PIN PUSH-OUT FORCE: PRIOR TO SOLDERING, A 3 LB. MINIMUM FORCE IN EITHER DIRECTION
  - PARTS ARE STACKABLE END TO END ON 3.96/.156 CENTERS.
  - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
  - SLOTS ON BACKWALL ARE BETWEEN CIRCUITS. SEE CHART FOR LOCATION.
  - FEATURE MAY OR MAY NOT EXTEND ACROSS THE ENTIRE FACE OF THE PART. SEE DETAIL Z.
  - CIRCUIT 1 DESIGNATION IS USED TO DEFINE VOID LOCATION. CIRCUIT 1 MAY OR MAY NOT LINE UP WITH CIRCUIT 1 ON THE MATING HOUSING.

|  |                                      |  |                     |                                 |   |                            |                             |                                       |
|--|--------------------------------------|--|---------------------|---------------------------------|---|----------------------------|-----------------------------|---------------------------------------|
| <b>ADD TAPE AND REEL</b><br>IEC NO: UCP2014-0335<br>DRWN:MKIPPER 2013/12/06<br>CHKD:JBELL 2013/12/06<br>APPR:FSMITH 2014/01/28 | QUALITY SYMBOLS<br>∇=0<br>∇=0<br>∇=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)  |                     | DIMENSION STYLE<br><b>MM/IN</b> |   | SCALE<br><b>4:1</b>        | DESIGN UNITS<br><b>INCH</b> | THIRD ANGLE PROJECTION                |
|  |                                      | mm<br>INCH   | DRAWN BY<br>MKIPPER | DATE<br>2012/09/13              | TITLE<br><b>KK RPC 156 FRICTION LOCK VERTICAL HEADER ASSEMBLY SOLID BODY W/O PEGS</b> |                            |                             |                                       |
| <b>A2</b>  | DESCRIPTION<br>REV                   | 4 PLACES ± --- ± ---<br>3 PLACES ± --- ± .010<br>2 PLACES ± 0.25 ± .015<br>1 PLACE ± 0.38 ± ---<br>0 PLACE ± ± |                     | CHECKED BY<br>SSOUSEK           |   | DATE<br>2012/09/13         |                             | DOCUMENT NO.<br><b>SD-171813-0001</b> |
|  |                                      | ANGULAR ±1/2°  |                     | APPROVED BY<br>FSMITH           |   | DATE<br>2013/06/11         |                             |                                       |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS   |                                      | MATERIAL NO.<br><b>SEE CHART</b>   |                     | SIZE<br><b>C</b>                |   | SHEET NO.<br><b>1 OF *</b> |                             |                                       |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION  |                                      |  |                     |                                 |   |                            |                             |                                       |

| 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  |                      |

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

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

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