



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 .930	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 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.

ADD TAPE AND REEL IEC NO: UCP2014-0335 DRWN:MKIPPER 2013/12/06 CHKD:JBELL 2013/12/06 APPR:FSMITH 2014/01/28 REV: A2	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION																		
		<table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± .010</td> <td>± .0004</td> </tr> <tr> <td>3 PLACES</td> <td>± .010</td> <td>± .0004</td> </tr> <tr> <td>2 PLACES</td> <td>± .025</td> <td>± .0015</td> </tr> <tr> <td>1 PLACE</td> <td>± .038</td> <td>± .0015</td> </tr> <tr> <td>0 PLACE</td> <td>±</td> <td>±</td> </tr> </table>			mm	INCH	4 PLACES	± .010	± .0004	3 PLACES	± .010	± .0004	2 PLACES	± .025	± .0015	1 PLACE	± .038	± .0015	0 PLACE	±	±	DRAWN BY: MKIPPER DATE: 2012/09/13 CHECKED BY: SSOUSEK DATE: 2012/09/13 APPROVED BY: FSMITH DATE: 2013/06/11		TITLE: KK RPC 156 FRICTION LOCK VERTICAL HEADER ASSEMBLY SOLID BODY W/O PEGS molex DOCUMENT NO. SD-171813-0001 SHEET NO. 1 OF *		
			mm	INCH																						
		4 PLACES	± .010	± .0004																						
3 PLACES	± .010	± .0004																								
2 PLACES	± .025	± .0015																								
1 PLACE	± .038	± .0015																								
0 PLACE	±	±																								
ANGULAR ±1/2°		MATERIAL NO. SEE CHART		SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																										

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 BULK	Pack Per	PK-41791-001 BULK	Pack Per	PK-41791-001 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	

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

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 BULK	Pack Per	PK-41791-001 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			

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

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 TAPE AND REEL W/CAP	Pack Per	PK-171813-0001 TAPE AND REEL 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			

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