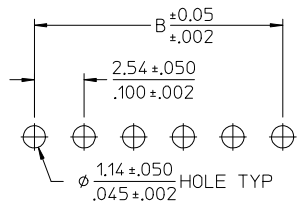
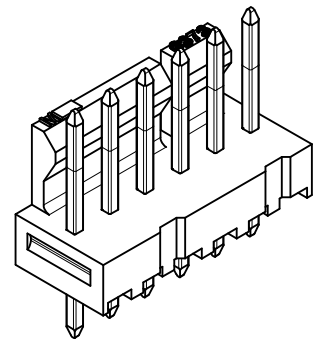
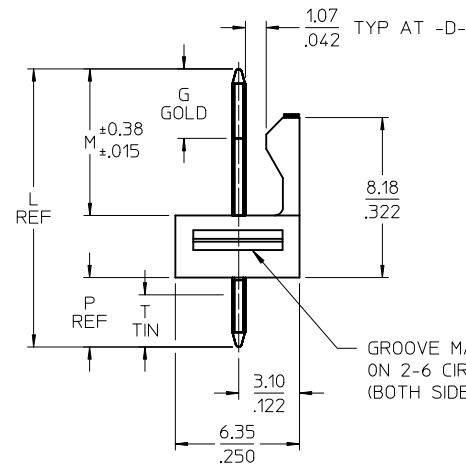
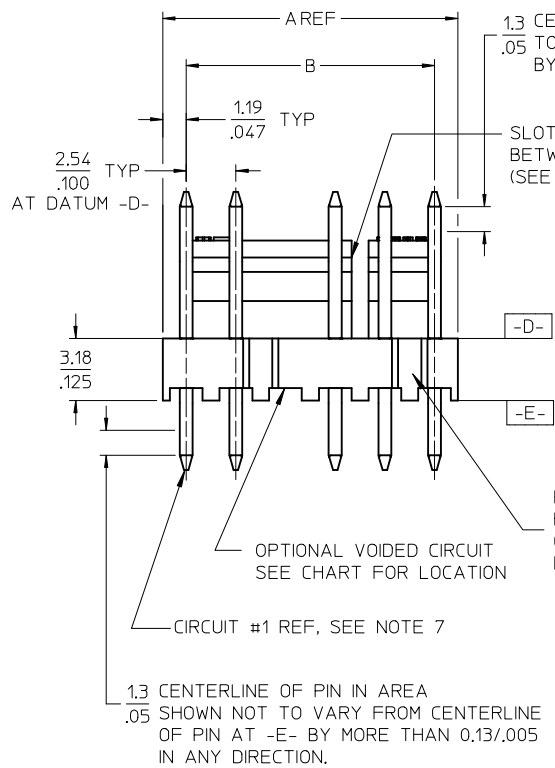


CKT	A	B	SLOTS LOCATION
02	4.93 .194	2.54 ± 0.05 .100 ± .002	NONE
03	7.47 .294	5.08 ± 0.10 .200 ± .004	NONE
04	10.01 .394	7.62 ± 0.15 .300 ± .006	NONE
05	12.55 .494	10.16 ± 0.15 .400 ± .006	NONE
06	15.09 .594	12.70 ± 0.18 .500 ± .007	4, 5
07	17.63 .694	15.24 ± 0.18 .600 ± .007	4, 5
08	20.17 .794	17.78 ± 0.20 .700 ± .008	4, 5
09	22.71 .894	20.32 ± 0.20 .800 ± .008	4, 5
10	25.25 .994	22.86 ± 0.23 .900 ± .009	4, 5
11	27.79 1.094	25.40 ± 0.23 1.000 ± .009	4, 5 8, 9
12	30.33 1.194	27.94 ± 0.25 1.100 ± .010	4, 5 8, 9



- NOTES:
- MATERIAL: HOUSING: NYLON, UL 94V-2, IEC 60335-1 5TH EDITION GLOW WIRE CAPABLE, COLOR: BLACK  
PINS: BRASS
  - FINISH:  
(197) = OVERALL REFLOWED MATTE TIN: 0.00152/.000060 MIN OVER 0.00127/.000050 MIN NICKEL.  
(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 AND PROCESS PARAMETERS: PS-171856-0001, PS-171856-0002
  - PACKAGING INFORMATION: SEE CHART.
  - MATES WITH: 4455, 2695, 6471 SERIES.
  - PARTS ARE STACKABLE END TO END ON 2.54/.100 CENTERS.
  - CIRCUIT ONE DESIGNATION IS USED TO DEFINE VOID LOCATION. CIRCUIT ONE MAY OR MAY NOT LINE UP WITH CIRCUIT ONE ON THE MATING HOUSING.
  - PIN PUSHOUT FORCE: 2 LBS MIN.
  - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

**ADD PART NUMBERS**  
 IEC NO: UCP2014-1995  
 DRAWN: MKIPPER 2013/11/06  
 CHKCD: JBELL 2013/11/06  
 APPR: F SMITH 2013/11/27

QUALITY SYMBOLS	DESCRIPTION
$\nabla = 0$	
$\nabla = 0$	
$\nabla = 0$	

	GENERAL TOLERANCES (UNLESS SPECIFIED)	
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .015
1 PLACE	± 0.38	± ---
0 PLACE	±	±

ANGULAR ± 1/2°  
DRAFT WHERE APPLICABLE  
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	
MM/IN	
DRAWN BY	DATE
MKIPPER	2012/11/09
CHECKED BY	DATE
SSOUSEK	2012/12/04
APPROVED BY	DATE
F SMITH	2013/06/11

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
4:1	INCH	
<b>KK RPC .100 HEADER ASSEMBLY FRICTION LOCK SOLID BODY</b>		
MATERIAL NO.	DOCUMENT NO.	SHEET NO.
SEE CHART	SD-171856-0001	1 OF *
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

GROUP:	171856-0002/-0012			
PLATING:	197			
PIN LENGTH: (L)	12.95 / .510			
MATING: (M)	7.44 / .293			
DIM. G:	N/A			
PC TAIL: (P)	2.34 / .092			
DIM T:	OVERALL			
PACKAGING:	PK-6373-001 BULK			
CKTS	MATERIAL NUMBER	CKTS	MATERIAL NUMBER	VOID CKT
2	171856-0002			
3	171856-0003			
4	171856-0004			
5	171856-0005			
6	171856-0006			
7	171856-0007			
8	171856-0008			
9	171856-0009			
10	171856-0010			
11	171856-0011			
12	171856-0012			

GROUP:	171856-1002/-1012			
PLATING:	208			
PIN LENGTH: (L)	12.95 / .510			
MATING: (M)	7.44 / .293			
DIM. G:	3.56 / .140			
PC TAIL: (P)	2.34 / .092			
DIM T:	3.43 / .135			
PACKAGING:	PK-6373-001 BULK			
CKTS	MATERIAL NUMBER	CKTS	MATERIAL NUMBER	VOID CKT
2	171856-1002			
3	171856-1003			
4	171856-1004			
5	171856-1005			
6	171856-1006			
7	171856-1007			
8	171856-1008			
9	171856-1009			
10	171856-1010			
11	171856-1011			
12	171856-1012			

GROUP:	171856-2002/-2012			
PLATING:	228			
PIN LENGTH: (L)	12.95 / .510			
MATING: (M)	7.44 / .293			
DIM. G:	3.56 / .140			
PC TAIL: (P)	2.34 / .092			
DIM T:	3.43 / .135			
PACKAGING:	PK-6373-001 BULK			
CKTS	MATERIAL NUMBER	CKTS	MATERIAL NUMBER	VOID CKT
2	171856-2002			
3	171856-2003			
4	171856-2004			
5	171856-2005			
6	171856-2006			
7	171856-2007			
8	171856-2008			
9	171856-2009			
10	171856-2010			
11	171856-2011			
12	171856-2012			

<b>A1</b>	REV:	<u>ECR/ECN INFORMATION:</u>	<u>TITLE:</u>	<u>SHEET No.</u>
		EC No.: <b>UCP2014-1995</b>	<b>KK RPC 100 HEADER ASSEMBLY FRICTION LOCK SOLID BODY</b>	<b>- 2 -</b>
		DATE: <b>12/2/2013</b>		
<u>DOCUMENT NUMBER:</u> <b>SD - 171856 - 0001</b>		<u>CREATED / REVISED BY:</u> <b>MKIPPER</b>	<u>CHECKED BY:</u> <b>JBELL</b>	<u>APPROVED BY:</u> <b>FSMITH</b>

GROUP:				
PLATING:				
PIN LENGTH: (L)				
MATING: (M)				
DIM. G:				
PC TAIL: (P)				
DIM T:				
PACKAGING:				
CKTS	MATERIAL NUMBER	CKTS	MATERIAL NUMBER	VOID CKT
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				

GROUP:					171856-1102/-1112				
PLATING:					208				
PIN LENGTH: (L)					14.22 / .560				
MATING: (M)					7.49 / .295				
DIM. G:					3.56 / .140				
PC TAIL: (P)					3.56 / .140				
DIM T:					3.43 / .135				
PACKAGING:					PK-6373-001 BULK				
CKTS	MATERIAL NUMBER	CKTS	MATERIAL NUMBER	VOID CKT	CKTS	MATERIAL NUMBER	CKTS	MATERIAL NUMBER	VOID CKT
2	171856-1102								
3	171856-1103								
4	171856-1104								
5	171856-1105								
6	171856-1106								
7	171856-1107								
8	171856-1108								
9	171856-1109								
10	171856-1110								
11	171856-1111								
12	171856-1112								

GROUP:				
PLATING:				
PIN LENGTH: (L)				
MATING: (M)				
DIM. G:				
PC TAIL: (P)				
DIM T:				
PACKAGING:				
CKTS	MATERIAL NUMBER	CKTS	MATERIAL NUMBER	VOID CKT

<b>A1</b>	<u>ECR/ECN INFORMATION:</u>	<b>KK RPC 100 HEADER ASSEMBLY FRICTION LOCK SOLID BODY</b>	<u>SHEET No.</u>	
	EC No.: <b>UCP2014-1995</b>		<b>- 3 -</b>	
	DATE: <b>12/2/2013</b>			
<u>DOCUMENT NUMBER:</u> <b>SD - 171856 - 0001</b>		<u>CREATED / REVISED BY:</u> <b>MKIPPER</b>	<u>CHECKED BY:</u> <b>JBELL</b>	<u>APPROVED BY:</u> <b>FSMITH</b>