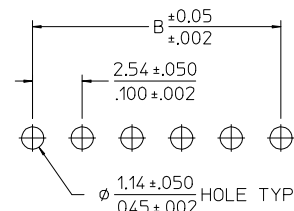
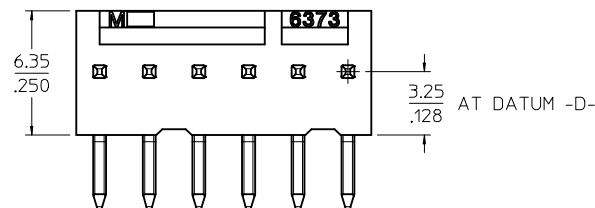
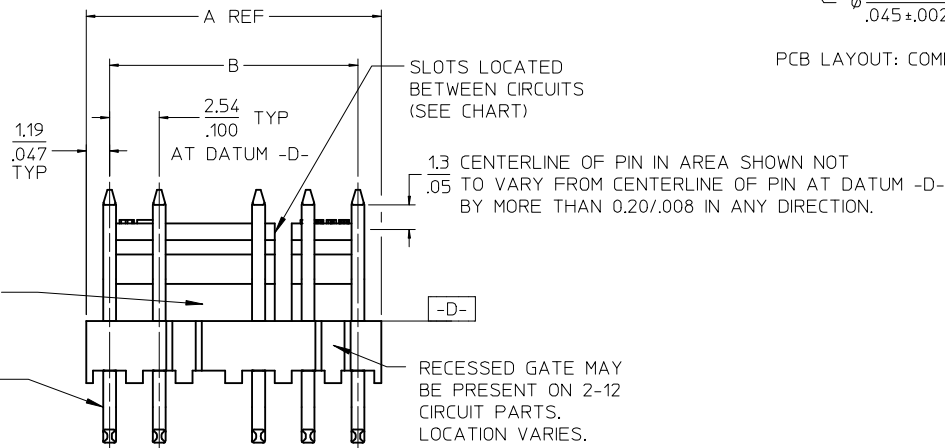
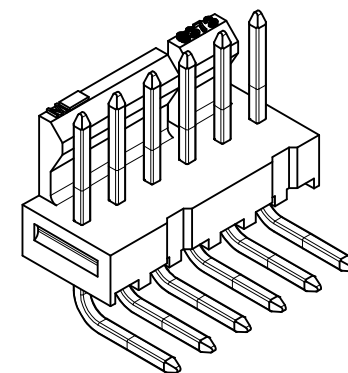


10	9	8	7	6	5	4	3	2	1
CKT	A	B	SLOTS LOCATION						
02	4.93 .194	2.54 ± 0.05 .100 ± .002	NONE						
03	7.47 .294	5.08 ± 0.10 .200 ± .004	NONE						
04	10.01 .394	7.62 ± 0.15 .300 ± .006	NONE						
05	12.55 .494	10.16 ± 0.15 .400 ± .006	NONE						
06	15.09 .594	12.70 ± 0.18 .500 ± .007	4, 5						
07	17.63 .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						



PCB LAYOUT: COMPONENT SIDE



OPTIONAL VOIDED CIRCUIT
SEE CHART FOR LOCATION

CIRCUIT #1 REF, SEE NOTE 7

NOTES:

1. MATERIAL: HOUSING: NYLON, UL 94V-2, IEC 60335-1 5TH EDITION GLOW WIRE CAPABLE, COLOR: BLACK
PINS: BRASS

2. 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.

3. PRODUCT SPECIFICATION AND PROCESS PARAMETERS: PS-171856-0001, PS-171856-0002

4. PACKAGING INFORMATION: SEE CHART.

5. MATES WITH 4455, 2695, 6471 SERIES

6. PARTS ARE STACKABLE END TO END ON 2.54/.100 CENTERS.

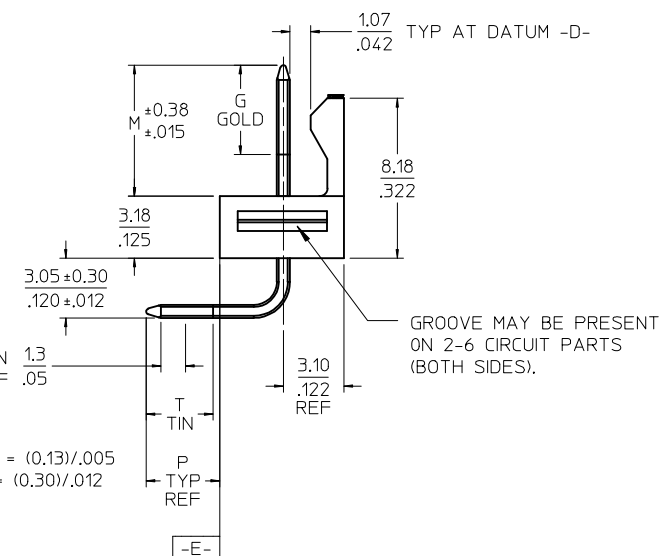
7. CIRCUIT ONE DESIGNATION IS USED TO DEFINE VOID LOCATION. CIRCUIT ONE MAY OR MAY NOT LINE UP WITH CIRCUIT ONE ON THE MATING HOUSING.

8. PIN PUSHOUT FORCE: 2 LBS MIN.

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

CENTERLINE OF PIN IN AREA SHOWN NOT TO VARY FROM CENTERLINE OF PIN AT DATUM -E- BY MORE THAN *** IN ANY DIRECTION.

DIMENSION P UNDER (3.58)/.141 = (0.13)/.005
DIMENSION P OVER (3.61)/.142 = (0.30)/.012



ADD PART NUMBERS EC NO: UCP2014-3462 DRAWN:MKIPPER CHKD:JBELL APPR:FSMITH		DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
						MM/IN		4:1	INCH			
A2	REV		F=0 F=0 F=0		mm	INCH	DRAWN BY	DATE	TITLE KK RPC .100 RIGHT ANGLE HEADER ASSEMBLY FRICTION LOCK molex			
				4 PLACES	± ---	± ---	MKIPPER	2012/12/05				
				3 PLACES	± ---	± .010	CHECKED BY	DATE	DOCUMENT NO. SD-171857-0001 SHEET NO. 1 OF *			
				2 PLACES	± 0.25	± .015	SSOUSEK	2012/12/12				
				1 PLACE	± 0.38	± ---	APPROVED BY	DATE				
				0 PLACE	±	±	FSMITH	2013/06/11				
				ANGULAR ±1/2°		MATERIAL NO.						
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART						
					SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
					B							

GROUP: 171857-0002/-0012				
PLATING: 197				
MATING: (M) 6.73 / .265				
DIM. G: N/A				
PC TAIL: (P) 2.54 / .100				
DIM T: OVERALL				
PACKAGING: PK-7478-001 BULK				
CKTS	MATERIAL NUMBER	CKTS	MATERIAL NUMBER	VOID CKT
2	171857-0002			
3	171857-0003			
4	171857-0004			
5	171857-0005			
6	171857-0006			
7	171857-0007			
8	171857-0008			
9	171857-0009			
10	171857-0010			
11	171857-0011			
12	171857-0012			

GROUP: 171857-1002/-1012				
PLATING: 208				
MATING: (M) 6.73 / .265				
DIM. G: 5.08 / .200				
PC TAIL: (P) 2.54 / .100				
DIM T: 3.43 / .135				
PACKAGING: PK-7478-001 BULK				
CKTS	MATERIAL NUMBER	CKTS	MATERIAL NUMBER	VOID CKT
2	171857-1002			
3	171857-1003			
4	171857-1004			
5	171857-1005			
6	171857-1006			
7	171857-1007			
8	171857-1008			
9	171857-1009			
10	171857-1010			
11	171857-1011			
12	171857-1012			

GROUP: 171857-2002/-2012				
PLATING: 228				
MATING: (M) 6.73 / .265				
DIM. G: 5.08 / .200				
PC TAIL: (P) 2.54 / .100				
DIM T: 3.43 / .135				
PACKAGING: PK-7478-001 BULK				
CKTS	MATERIAL NUMBER	CKTS	MATERIAL NUMBER	VOID CKT
2	171857-2002			
3	171857-2003			
4	171857-2004			
5	171857-2005			
6	171857-2006			
7	171857-2007			
8	171857-2008			
9	171857-2009			
10	171857-2010			
11	171857-2011			
12	171857-2012			

REV: A2	<u>ECR/ECN INFORMATION:</u>		<u>TITLE:</u> KK RPC 100 RIGHT ANGLE HEADER ASSEMBLY, FRICTION LOCK	<u>SHEET No.</u> - 2 -		
	EC No.: UCP2014-3462					
	DATE: 5/20/2014					
<u>DOCUMENT NUMBER:</u> SD - 171857 - 0001			<u>CREATED / REVISED BY:</u> MKIPPER	<u>CHECKED BY:</u> JBELL		
			<u>APPROVED BY:</u> FSMITH			
TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC						

GROUP:				
PLATING:				
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:				
171857-1102/-1112				
PLATING:				
208				
MATING: (M)				
6.71 / .264				
DIM. G:				
4.57 / .180				
PC TAIL: (P)				
3.58 / .141				
DIM T:				
3.43 / .135				
PACKAGING:				
PK-7478-001 BULK				
CKTS	MATERIAL NUMBER	CKTS	MATERIAL NUMBER	VOID CKT
2	171857-1102			
3	171857-1103			
4	171857-1104			
5	171857-1105			
6	171857-1106			
7	171857-1107			
8	171857-1108			
9	171857-1109			
10	171857-1110			
11	171857-1111			
12	171857-1112			

GROUP:				
PLATING:				
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				

REV: A2	<u>ECR/ECN INFORMATION:</u>		<u>TITLE:</u> KK RPC 100 RIGHT ANGLE HEADER ASSEMBLY, FRICTION LOCK	<u>SHEET No.</u> - 3 -
	EC No.: UCP2014-3462			
	DATE: 5/20/2014			
<u>DOCUMENT NUMBER:</u> SD - 171857 - 0001		<u>CREATED / REVISED BY:</u> MKIPPER	<u>CHECKED BY:</u> JBELL	<u>APPROVED BY:</u> FSMITH
TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC				

GROUP:					171857-3002/-3012				
PLATING:					197				
MATING: (M)					6.73 / .265				
DIM. G:					N/A				
PC TAIL: (P)					2.54 / .100				
DIM T:					OVERALL				
PACKAGING:					PK-171857-0001 TAPE AND REEL				
CKTS	MATERIAL NUMBER	CKTS	MATERIAL NUMBER	VOID CKT					
2	171857-3002								
3	171857-3003								
4	171857-3004								
5	171857-3005								
6	171857-3006								
7	171857-3007								
8	171857-3008								
9	171857-3009								
10	171857-3010								
11	171857-3011								
12	171857-3012								

GROUP:					171857-4002/-4012				
PLATING:					208				
MATING: (M)					6.73 / .265				
DIM. G:					5.08 / .200				
PC TAIL: (P)					2.54 / .100				
DIM T:					3.43 / .135				
PACKAGING:					PK-171857-0001 TAPE AND REEL				
CKTS	MATERIAL NUMBER	CKTS	MATERIAL NUMBER	VOID CKT					
2	171857-4002								
3	171857-4003								
4	171857-4004								
5	171857-4005								
6	171857-4006								
7	171857-4007								
8	171857-4008								
9	171857-4009								
10	171857-4010								
11	171857-4011								
12	171857-4012								

GROUP:									
PLATING:									
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									

REV: A2	<u>ECR/ECN INFORMATION:</u>		<u>TITLE:</u> KK RPC 100 RIGHT ANGLE HEADER ASSEMBLY, FRICTION LOCK	<u>SHEET No.</u> - 4 -
	<u>EC No.:</u> UCP2014-3462			
	<u>DATE:</u> 5/20/2014			
<u>DOCUMENT NUMBER:</u> SD - 171857 - 0001		<u>CREATED / REVISED BY:</u> MKIPPER	<u>CHECKED BY:</u> JBELL	<u>APPROVED BY:</u> FSMITH
TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC				