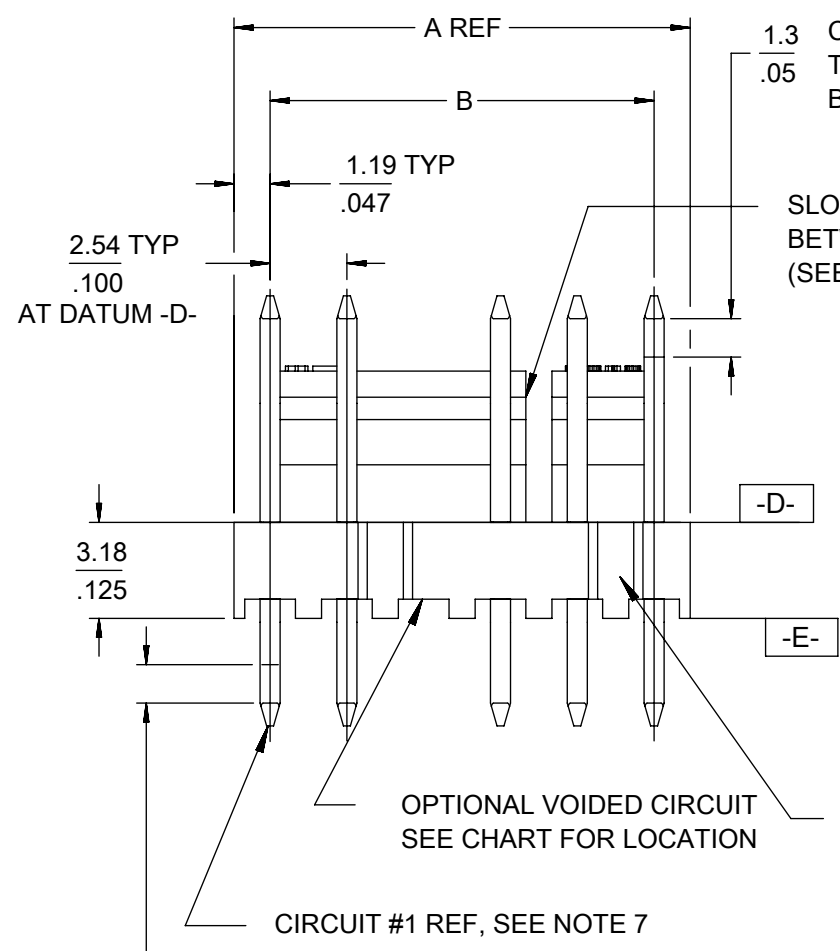


CKT	A	B	SLOTS LOCATION
02	$\frac{4.93}{.194}$	$\frac{2.54 \pm 0.05}{.100 \pm .002}$	NONE
03	$\frac{7.47}{.294}$	$\frac{5.08 \pm 0.10}{.200 \pm .004}$	NONE
04	$\frac{10.01}{.394}$	$\frac{7.62 \pm 0.15}{.300 \pm .006}$	NONE
05	$\frac{12.55}{.494}$	$\frac{10.16 \pm 0.15}{.400 \pm .006}$	NONE
06	$\frac{15.09}{.594}$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



1.3  
.05 CENTERLINE OF PIN IN AREA SHOWN NOT TO VARY FROM CENTERLINE OF PIN AT -D- BY MORE THAN 0.20/.008 IN ANY DIRECTION.

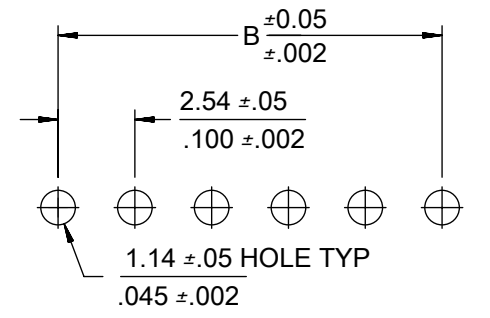
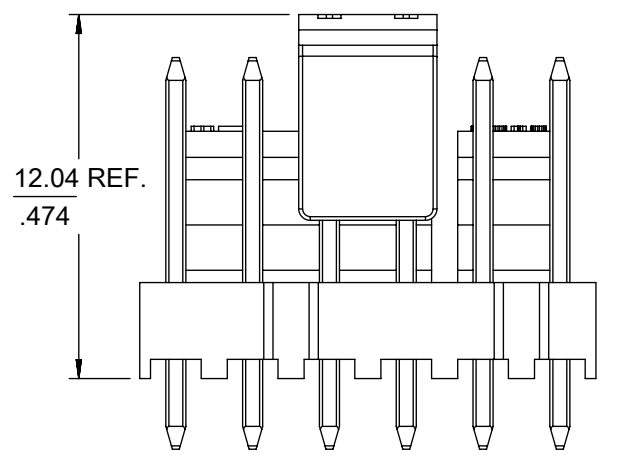
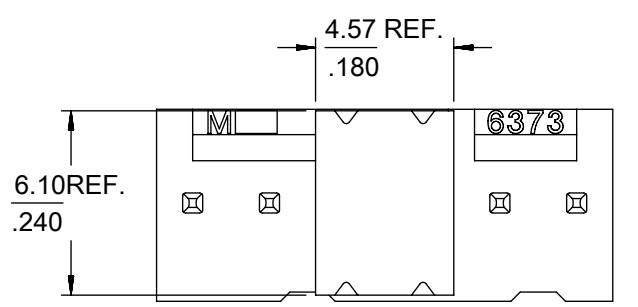
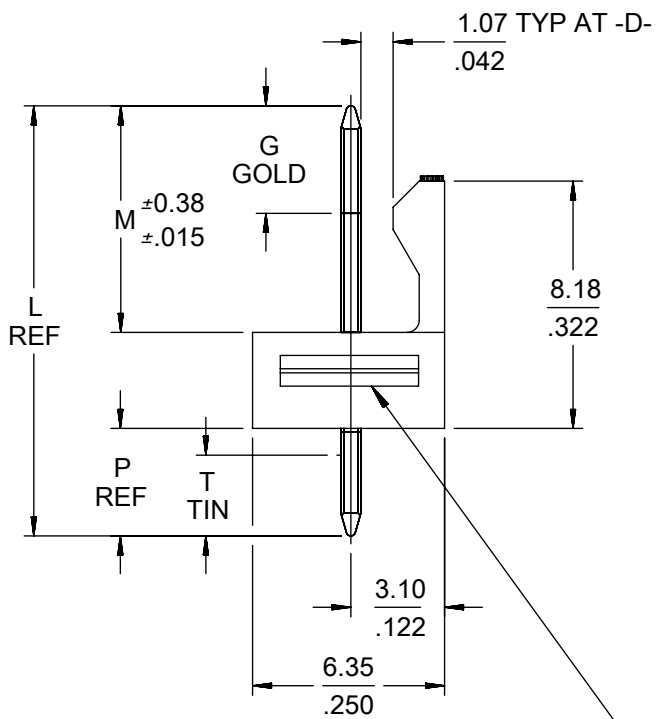
SLOTS LOCATED BETWEEN CIRCUITS (SEE CHART)

RECESSED GATE MAY BE PRESENT ON 2-12 CIRCUIT PARTS LOCATION VARIES

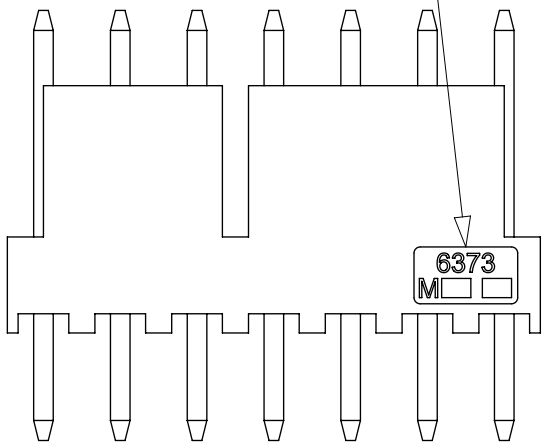
CIRCUIT #1 REF, SEE NOTE 7

1.3  
.05 CENTERLINE OF PIN IN AREA SHOWN NOT TO VARY FROM CENTERLINE OF PIN AT -E- BY MORE THAN 0.13/.005 IN ANY DIRECTION.

ALTERNATE ENGRAVING LOCATION (7-12 CKT PARTS ONLY). LOCATION IS DEPENDENT ON TOOLING.



- NOTES:
- MATERIAL: HOUSING: NYLON, UL 94V-1, 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 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.
  - THE PARTS LISTED ON THIS DRAWING ARE CONSTRUCTED TO MEET THE REQUIREMENT FOR DIRECT SUPPORT OF UNINSULATED LIVE PARTS AS DESCRIBED IN UL508C.



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC: ADDED NEW PN 1718566005					
MM/IN		4:1		<p>EC NO: 632912</p> <p>DRWN: MKP 2020/02/03</p> <p>CHK'D: SS06 2020/02/26</p> <p>APPR: ISHWARG 2020/02/27</p> <p>INITIAL REVISION:</p> <p>DRWN: MKIPPER 2012/11/09</p> <p>APPR: FSMITH 2013/06/11</p>					
GENERAL TOLERANCES (UNLESS SPECIFIED)									
		MM	INCH						
4 PLACES	±		±						
3 PLACES	±		± 0.015						
2 PLACES	±	0.25	± 0.01						
1 PLACE	±	0.38	±						
0 PLACES	±		±						
ANGULAR TOL		± °		<p>THIRD ANGLE PROJECTION</p> <p>DRAWING</p> <p>SERIES</p> <p>MATERIAL NUMBER</p> <p>CUSTOMER</p> <p>SHEET NUMBER</p>					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
		B-SIZE		171856		SEE CHART		GENERAL MARKET	
DOCUMENT STATUS		P1		RELEASE DATE		2020/02/27 10:16:56		MODEL: EM-6373-6	

**molex**

KK RPC .100 HEADER  
ASSEMBLY FRICTION LOCK SOLID BODY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER: SD-171856-0001  
DOC TYPE: PSD  
DOC PART: 000  
REVISION: B3

SEE CHART GENERAL MARKET 1 OF 5

10		9		
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			

7		6		
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			

5		4		
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			

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
DIMENSION UNITS		SCALE		CURRENT REV DESC: ADDED NEW PN				<b>molex</b>		KK RPC .100 HEADER ASSEMBLY FRICTION LOCK SOLID BODY		
MM/IN		1:1		1718566005								
GENERAL TOLERANCES (UNLESS SPECIFIED)												
		MM	INCH	EC NO: 632912								
4 PLACES ±				DRWN: MKP 2020/02/03								
3 PLACES ±			± 0.015	CHK'D: SS06 2020/02/26								
2 PLACES ±		0.25	± 0.01	APPR: ISHWARG 2020/02/27								
1 PLACE ±		0.38		INITIAL REVISION:								
0 PLACES ±				DRWN: MKIPPER 2012/11/09				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
ANGULAR TOL ± °				APPR: FSMITH 2013/06/11				SD-171856-0001		PSD	000	B3
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER		
						B-SIZE	171856	SEE CHART	GENERAL MARKET	2 OF 5		

10		9		
GROUP:		171856-0102/-0112		
PLATING:		197		
PIN LENGTH: (L)		14.22 / .560		
MATING: (M)		7.49 / .295		
DIM. G:		N/A		
PC TAIL: (P)		3.56 / .140		
DIM T:		OVERALL		
PACKAGING:		PK-6373-001 BULK		
CKTS	MATERIAL NUMBER	CKTS	MATERIAL NUMBER	VOID CKT
2	171856-0102			
3	171856-0103			
4	171856-0104			
5	171856-0105			
6	171856-0106			
7	171856-0107			
8	171856-0108			
9	171856-0109			
10	171856-0110			
11	171856-0111			
12	171856-0112			

8		7		
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
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			

5		4		
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				

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
DIMENSION UNITS		SCALE		CURRENT REV DESC: ADDED NEW PN				<b>molex</b>		KK RPC .100 HEADER ASSEMBLY FRICTION LOCK SOLID BODY		
MM/IN		1:1		1718566005								
GENERAL TOLERANCES (UNLESS SPECIFIED)												
		MM	INCH	EC NO: 632912								
4 PLACES		±	±	DRWN: MKP 2020/02/03								
3 PLACES		±	± 0.015	CHK'D: SS06 2020/02/26								
2 PLACES		± 0.25	± 0.01	APPR: ISHWARG 2020/02/27								
1 PLACE		± 0.38	±	INITIAL REVISION:								
0 PLACES		±	±	DRWN: MKIPPER 2012/11/09				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
ANGULAR TOL		± °		APPR: FSMITH 2013/06/11				SD-171856-0001		PSD	000	B3
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER	
						B-SIZE	171856	SEE CHART	GENERAL MARKET		3 OF 5	



