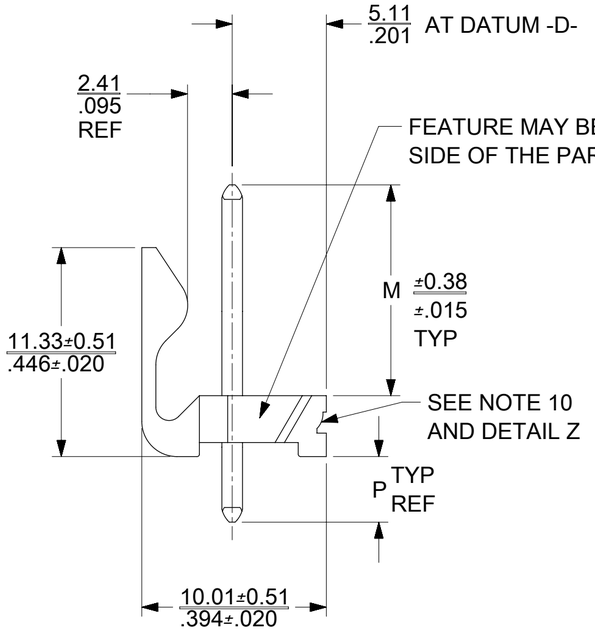
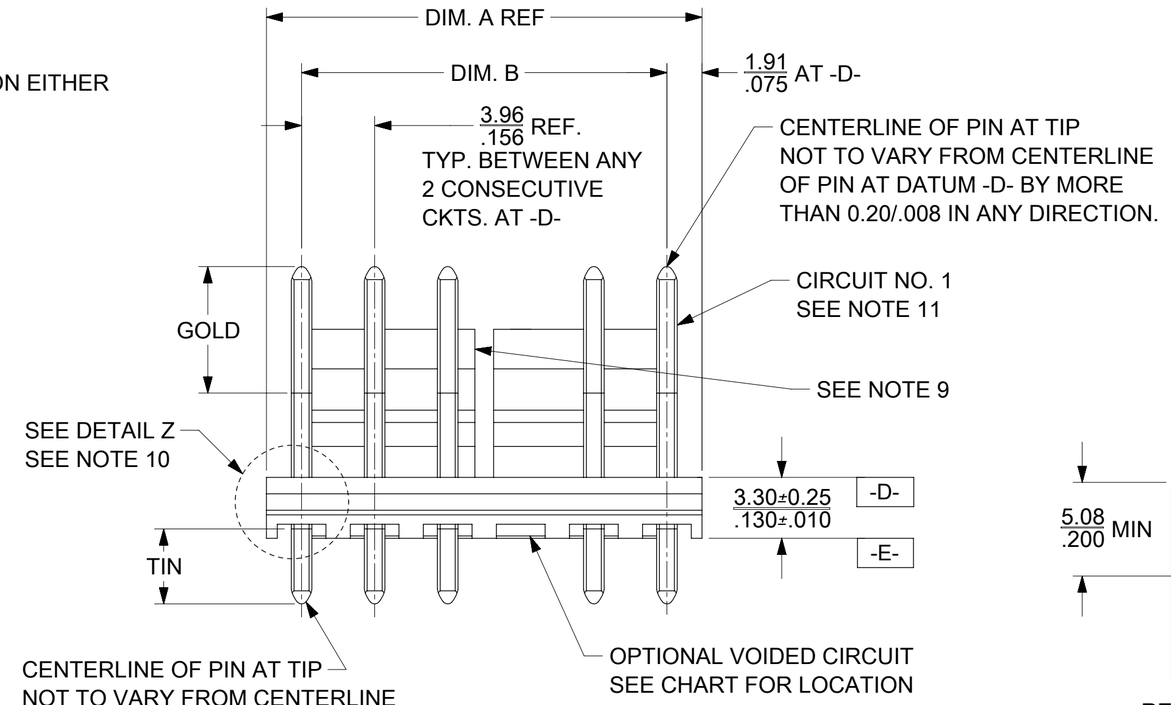
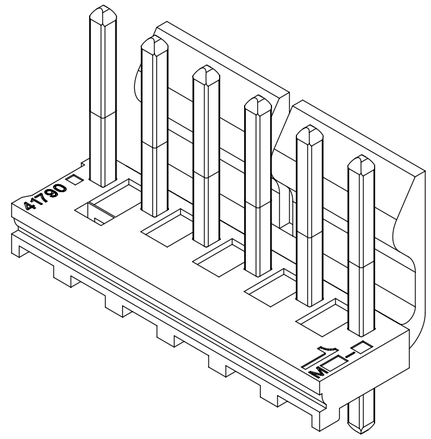
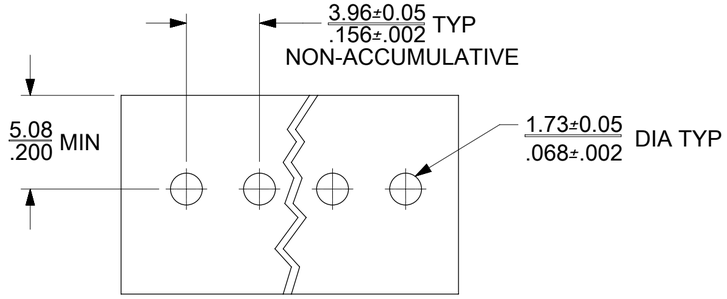
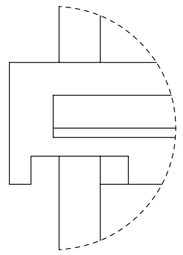




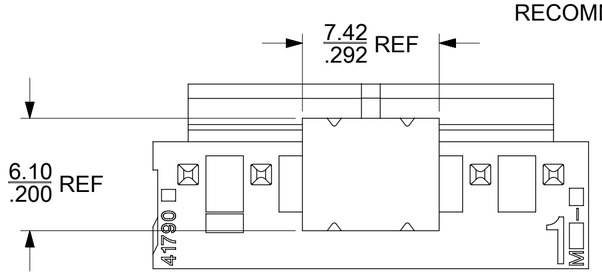


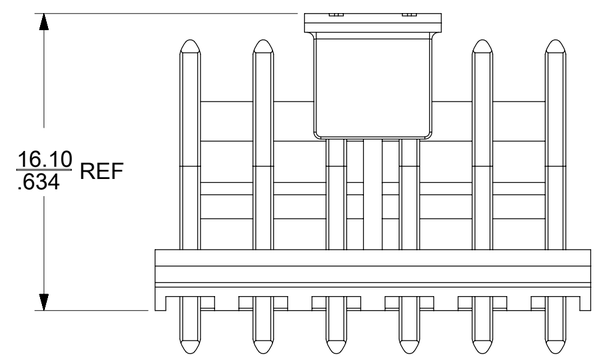


RECOMMENDED P.C.BOARD LAYOUT



DETAIL Z
SCALE 8:1





OPTIONAL PICK AND PLACE CAP
FOR TAPE AND REEL PACKAGING

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:
1. MATERIAL: HOUSING: NYLON, UL94V-1, COLOR: BLACK
   PINS: BRASS
2. 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.
3. PRODUCT SPECIFICATION: PS-171813-0001, PS-171813-0002
4. PACKAGING INFORMATION: SEE CHARTS.
5. SOLDERABILITY: PER SMES-152.
6. PIN PUSH-OUT FORCE: PRIOR TO SOLDERING, A 3 LB. MINIMUM FORCE IN EITHER DIRECTION
7. PARTS ARE STACKABLE END TO END ON 3.96/.156 CENTERS.
8. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
9. SLOTS ON BACKWALL ARE BETWEEN CIRCUITS. SEE CHART FOR LOCATION.
10. FEATURE MAY OR MAY NOT EXTEND ACROSS THE ENTIRE FACE OF THE PART. SEE DETAIL Z.
11. CIRCUIT 1 DESIGNATION IS USED TO DEFINE VOID LOCATION. CIRCUIT 1 MAY OR MAY NOT LINE UP WITH CIRCUIT 1 ON THE MATING HOUSING.
12. THE PARTS LISTED ON THIS DRAWING ARE CONSTRUCTED TO MEET THE REQUIREMENT FOR DIRECT SUPPORT OF UNINSULATED LIVE PARTS AS DESCRIBED IN UL508C.

RELEASE STATUS		RELEASE DATE	

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

ADD NOTE 12 2017/02/03
EC NO: 113073 2017/02/06
DRWN: BAPPELDORN 2017/02/09
CHK'D: JBELL
APPR: FSMITH

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.01
2 PLACES	± 0.25	± 0.015
1 PLACES	± 0.38	±
0 PLACES	±	±

ANGULAR TOL ± 0.5

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

REV: B1

DIMENSION UNITS: MM/IN
SCALE: 4:1
DRWN BY: MKIPPER DATE: 2012/09/13
CHK'D BY: SSOUSEK DATE: 2012/09/13
APPR BY: FSMITH DATE: 2013/06/11
DRAWING SIZE: C
THIRD ANGLE PROJECTION

molex®

KK RPC 156 FRICTION LOCK
VERTICAL HEADER ASSEMBLY SOLID BODY W/O PEGS

PRODUCT CUSTOMER DRAWING

SERIES	MATERIAL NUMBER	CUSTOMER
171813	SEE CHART	GENERAL MARKET

DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
SD-171813-0001	PSD	000	1 OF *

OPTIONS

Group	171813-0002/0012	
Plating:	197 – TIN	
Pin Length L	17.02 / .670	
Mating M	11.38 / .448	
Gold Loc G	N/A	
PC Tail P	2.37 / .092	
Tin Loc T	OVERALL	
Voided Ckts	NONE	
Pack Per	PK-41791-001 BULK	

Group	171813-1002/1012	
Plating:	208 – 15 GOLD	
Pin Length L	17.02 / .670	
Mating M	11.38 / .448	
Gold Loc G	6.10 / .240	
PC Tail P	2.37 / .092	
Tin Loc T	5.08 / .200	
Voided Ckts	NONE	
Pack Per	PK-41791-001 BULK	

Group	171813-2002/2012	
Plating:	228 – 30 GOLD	
Pin Length L	17.02 / .670	
Mating M	11.38 / .448	
Gold Loc G	6.10 / .240	
PC Tail P	2.37 / .092	
Tin Loc T	5.08 / .200	
Voided Ckts	NONE	
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

REV:	ECR/ECN INFORMATION	TITLE:	SHEET No.
A5	EC NO.: **UCP2016-1946** DATE: **10/23/2017**	**KK RPC 156 HEADER ASSEMBLY FRICTION LOCK VERTICAL SOLID BODY W/O PEGS**	**- 2 -**

DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
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	

REV:	ECR/ECN INFORMATION	TITLE:	SHEET No.
A5	EC NO.: **UCP2016-1946** DATE: **10/23/2017**	**KK RPC 156 HEADER ASSEMBLY FRICTION LOCK VERTICAL SOLID BODY W/O PEGS**	**- 3 -**

DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
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	

REV:	ECR/ECN INFORMATION	TITLE:	SHEET No.
A5	EC NO.: **UCP2016-1946** DATE: **10/23/2017**	**KK RPC 156 HEADER ASSEMBLY FRICTION LOCK VERTICAL SOLID BODY W/O PEGS**	**- 4 -**

DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SD-171813-0001	**MKIPPER**	**JBELL**	**FSMITH-ROEMER**

OPTIONS								
	Group		Group		Group		Group	171813-9994
	Plating:		Plating:		Plating:		Plating:	197 – TIN
	Pin Length L		Pin Length L		Pin Length L		Pin Length L	18.29 / .720
	Mating M		Mating M		Mating M		Mating M	11.43 / .450
	Gold Loc G		Gold Loc G		Gold Loc G		Gold Loc G	N/A
	PC Tail P		PC Tail P		PC Tail P		PC Tail P	3.56 / .140
	Tin Loc T		Tin Loc T		Tin Loc T		Tin Loc T	OVERALL
	Voided Ckts		Voided Ckts		Voided Ckts		Voided Ckts	3
	Pack Per		Pack Per		Pack Per		Pack Per	PK-41791-001 BULK

Ckts	Material No	Material No	Material No	Material No
2				
3				
4				
5				171813-9994
6				
7				
8				
9				
10				
11				
12				

REV:	ECR/ECN INFORMATION	TITLE:	SHEET No.
A5	EC NO.: **UCP2016-1946** DATE: **10/23/2017**	**KK RPC 156 HEADER ASSEMBLY FRICTION LOCK VERTICAL SOLID BODY W/O PEGS**	**- 5 -**

DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SD-171813-0001	**MKIPPER**	**JBELL**	**FSMITH-ROEMER**

OPTIONS

Group	171813-9995	
Plating:	208 – 15 GOLD	
Pin Length L	17.02 / .670	
Mating M	11.38 / .448	
Gold Loc G	6.10 / .240	
PC Tail P	2.37 / .092	
Tin Loc T	5.08 / .200	
Voided Ckts	3	
Pack Per	PK-41791-001 BULK	

Group	171813-9996	
Plating:	197 – TIN	
Pin Length L	17.02 / .670	
Mating M	11.38 / .448	
Gold Loc G	N/A	
PC Tail P	2.37 / .092	
Tin Loc T	OVERALL	
Voided Ckts	2, 4	
Pack Per	PK-41791-001 BULK	

Group	171813-9997	
Plating:	197 – TIN	
Pin Length L	17.02 / .670	
Mating M	11.38 / .448	
Gold Loc G	N/A	
PC Tail P	2.37 / .092	
Tin Loc T	OVERALL	
Voided Ckts	2, 4, 6	
Pack Per	PK-41791-001 BULK	

Group	171813-9998	
Plating:	197 – TIN	
Pin Length L	18.29 / .720	
Mating M	11.43 / .450	
Gold Loc G	N/A	
PC Tail P	3.56 / .140	
Tin Loc T	OVERALL	
Voided Ckts	2	
Pack Per	PK-41791-001 BULK	

Ckts	Material No	Material No	Material No	Material No
2				
3				171813-9998
4				
5	171813-9995	171813-9996		
6				
7			171813-9997	
8				
9				
10				
11				
12				

REV:	ECR/ECN INFORMATION	TITLE:	SHEET No.
A5	EC NO.: **UCP2016-1946** DATE: **10/23/2017**	**KK RPC 156 HEADER ASSEMBLY FRICTION LOCK VERTICAL SOLID BODY W/O PEGS**	**- 6 -**

DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SD-171813-0001	**MKIPPER**	**JBELL**	**FSMITH-ROEMER**

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190990010 417920538 398800403 447641402 151670255 152670269