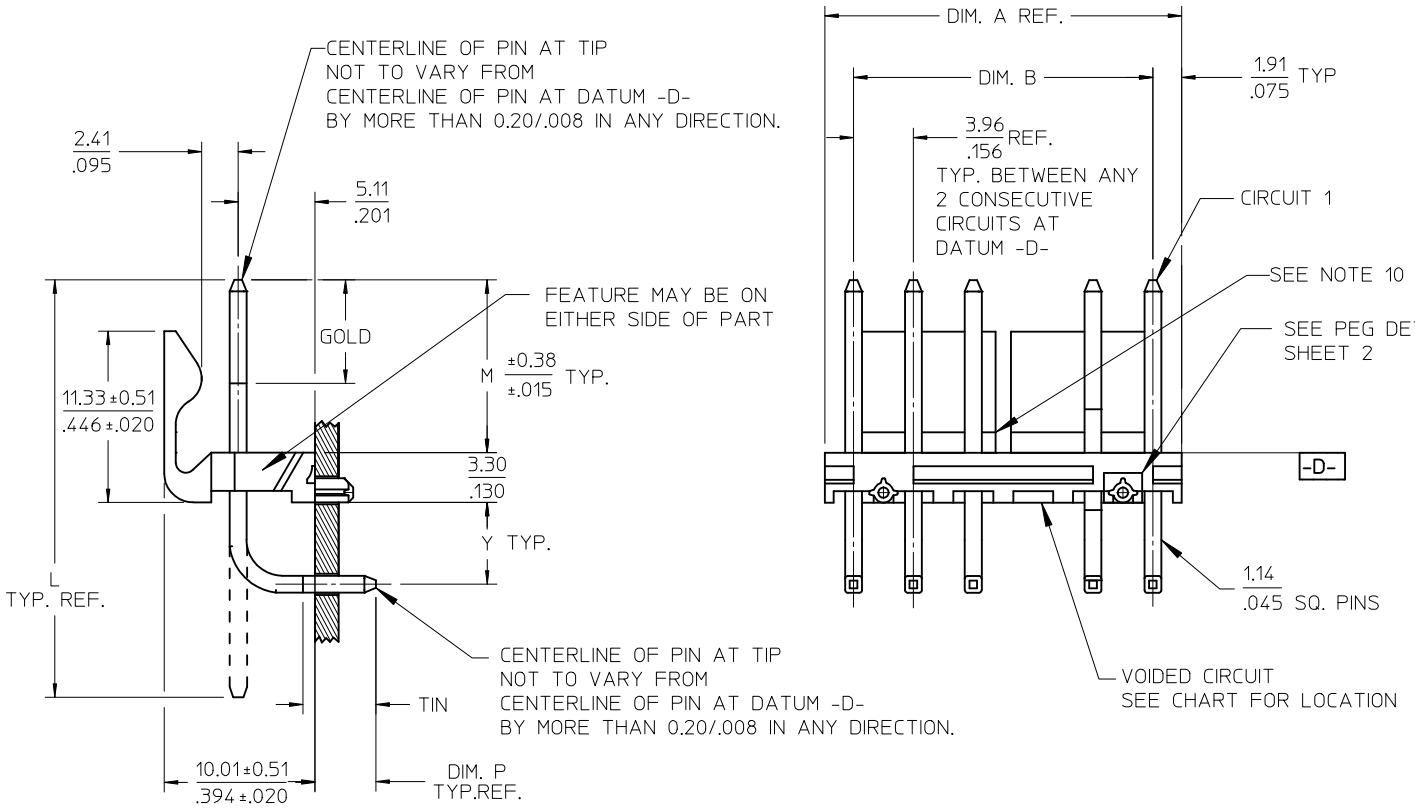


NO. OF CKTS.	DIM. A	DIM. B	SLOT LOC BETWEEN CKTS
2	7.77 / .306	3.96±0.05 / .156±.002	NONE
3	11.73 / .462	7.92±0.08 / .312±.003	NONE
4	15.70 / .618	11.89±0.08 / .468±.003	NONE
5	19.66 / .774	15.85±0.10 / .624±.004	NONE
6	23.62 / .930	19.81±0.10 / .780±.004	3 & 4
7	27.58 / 1.086	23.77±0.10 / .936±.004	4 & 5
8	31.55 / 1.242	27.74±0.13 / 1.092±.005	4 & 5
9	35.51 / 1.398	31.70±0.13 / 1.248±.005	5 & 6
10	39.47 / 1.554	35.66±0.13 / 1.404±.005	5 & 6
11	43.43 / 1.710	39.62±0.15 / 1.560±.006	6 & 7
12	47.40 / 1.866	43.59±0.15 / 1.716±.006	4 & 5 / 8 & 9

REMOVE PEG DIMS
EC NO: UCP2012-2438 2012/02/02
DRWN:JJAGUILAR 2012/02/21
CH'KD:MKIPPER 2012/02/24
APPR:FSMITH

DESCRIPTION

REV

QUALITY SYMBOLS
FA =0
FC =0
FP =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .015
1 PLACE	± 0.38	± ---

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: 2:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY	JSCHAFER	DATE 11-25-03
CHECKED BY	SAMIEC	DATE 11-26-03
APPROVED BY	MARGULIS	DATE 12-1-03

TITLE: KK .156 HEADER ASSEMBLY FRICTION LOCK RT ANGLE WITH PEGS

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART

DOCUMENT NO.: SD-42492-001

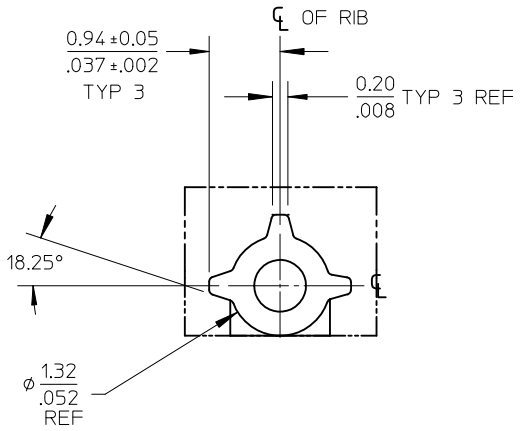
SHEET NO.: 1 OF 7

SIZE: A

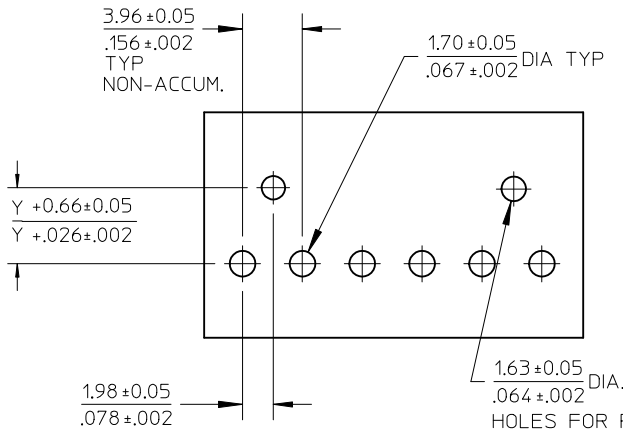
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

GEN.DOCS.	3-7	G
ANNNOTATOR	1, 2	G1
SOFTWARE	SHEET	REV

G1



PEG DETAIL
SCALE 10:1



RECOMMENDED PC BOARD HOLE LAYOUT

NOTES:
1. MATERIAL: HEADER-POLYESTER, 94V-0, MOLDED NATURAL (WHITE)
   PINS: BRASS
2. FINISHES: (154) OVERALL TIN 0.00254/.000100 MIN.
   OVER 0.00127/.000050 MIN. NICKEL.
   (197) OVERALL REFLOWED MATTE TIN: 0.00152/.000060 MIN.
   OVER 0.00127/.000050 MIN. NICKEL OVERALL.
   (208) SELECT GOLD 0.00038/.000015 MIN.
   SELECT TIN 0.00254/.000100 MIN.
   OVERALL NICKEL UNDERPLATE 0.00127/.000050 MIN.
   (228) SELECT GOLD 0.00076/.000030 MIN.
   SELECT TIN 0.00254/.000100 MIN.
   OVERALL NICKEL UNDERPLATE 0.00127/.000050 MIN.
   (241) SELECT GOLD: 0.00051/.000020 MIN.
   SELECT TIN: 0.00254/.000100 MIN.
   OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.
3. PRODUCT SPECIFICATION: SEE PS-08-50.
4. PACKAGING INFO: SEE TABLES.
5. SOLDERABILITY: PER SMES-152.
6. PIN PUSH OUT FORCE: PRIOR TO SOLDERING, A 3 LB MINIMUM FORCE (IN EITHER DIRECTION) SHALL BE REQUIRED TO PUSH THE PIN OUT OF THE HEADER.
7. PARTS ARE STACKABLE END TO END ON 3.96/.156 CENTERS.
8. FOR PART WITHOUT PEGS SEE 41792.
9. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
10. SLOTS ON BACKWALL ARE BETWEEN CIRCUITS. SEE CHART FOR LOCATION.

SEE SHEET 1	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS
EC NO: UCP2012-2438 2012/02/02					MM/IN	1:1	INCH
DRWN:JJAGUILAR 2012/02/21			mm	INCH	DRAWN BY / DATE		THIRD ANGLE PROJECTION
CH'KD:MKIPPER 2012/02/24		FA =0	4 PLACES	± ---	± ---	JSCHAFER 11-25-03	TITLE
APPR:FSMITH		FC =0	3 PLACES	± ---	± .010	CHECKED BY / DATE	KK .156 HEADER ASSEMBLY FRICTION LOCK RT ANGLE WITH PEGS
		FP =0	2 PLACES	± 0.25	± .015	SAMIEC 11-26-03	
			1 PLACE	± 0.38	± ---	APPROVED BY / DATE	molex MOLEX INCORPORATED
			ANGULAR ±1/2°			MARGULIS 12-1-03	
G1	REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO. SEE CHART	DOCUMENT NO. SD-42492-001 SHEET NO. 2 OF 7

SIZE A

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

OPTIONS										
	Group	A-42492-0002/0018	Group	A-42492-0319/0335	Group	A-42492-0336/0352	Group	
	Header No:	41790-0036/0052	Header No:	41790-0036/0052	Header No:	41790-0036/0052	Header No:	
	Pin No:	43294-0572	Pin No:	43294-0569	Pin No:	43294-0570	Pin No:	
	Plating:	197 – TIN	Plating:	208 – 15 GOLD	Plating:	228 – 30 GOLD	Plating:	
	Pin Length L	27.94/1.100	Pin Length L	27.94/1.100	Pin Length L	27.94/1.100	Pin Length L	
	Mating M	11.43 / .450	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	6.86/. 270	Gold Loc G	
	Dim. Y	5.41/ .213	Dim. Y	5.41/ .213	Dim. Y	5.41/ .213	Dim. Y	
	PC Tail P	3.96 / .156	PC Tail P	3.96/ . 156	PC Tail P	3.96/. 156	PC Tail P	
	Tin Loc T	OVERALL	Tin Loc T	5.08 / .200	Tin Loc T	5.08 / .200	Tin Loc T	
	Voided Ckts	NONE	Voided Ckts	NONE	Voided Ckts	NONE	Voided Ckts	
	Pack Per	PK-42492-002	Pack Per	PK-42492-002	Pack Per	PK-42492-002	Pack Per	
Ckts	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number
2	26-64-5020	A-42492-0002	42492-0319	A-42492-0319	42492-0336	A-42492-0336		
3	26-64-5030	A-42492-0003	42492-0320	A-42492-0320	42492-0337	A-42492-0337		
4	26-64-5040	A-42492-0004	42492-0321	A-42492-0321	42492-0338	A-42492-0338		
5	26-64-5050	A-42492-0005	42492-0322	A-42492-0322	42492-0339	A-42492-0339		
6	26-64-5060	A-42492-0006	42492-0323	A-42492-0323	42492-0340	A-42492-0340		
7	26-64-5070	A-42492-0007	42492-0324	A-42492-0324	42492-0341	A-42492-0341		
8	26-64-5080	A-42492-0008	42492-0325	A-42492-0325	42492-0342	A-42492-0342		
9	26-64-5090	A-42492-0009	42492-0326	A-42492-0326	42492-0343	A-42492-0343		
10	26-64-5100	A-42492-0010	42492-0327	A-42492-0327	42492-0344	A-42492-0344		
11	26-64-5110	A-42492-0011	42492-0328	A-42492-0328	42492-0345	A-42492-0345		
12	26-64-5120	A-42492-0012	42492-0329	A-42492-0329	42492-0346	A-42492-0346		
13								
14								
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REV:	ECR/ECN INFORMATION:	TITLE:	SHEET No.
G	EC No.: **UCP2012-0114** DATE: **10/31/2011**	**KK 156 HEADER ASSEMBLY FRICTION LOCK RT ANGLE WITH PEGS**	**- 3 -**

DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SD- 42492-001	**MMSTROH**	**MKIPPER**	**FSMITH**

OPTIONS								
	Group	A-42492-0036/0050	Group	A-42492-0244/0256	Group	A-42492-0258/0273	Group	A-42492-0274/0288
	Header No:	41790-0038/0052	Header No:	41790-0040/0052	Header No:	41790-0037/0052	Header No:	41790-0038/0052
	Pin No:	43294-0572	Pin No:	43294-0572	Pin No:	43294-0572	Pin No:	43294-0573
	Plating:	197 – TIN	Plating:	197 – TIN	Plating:	197 – TIN	Plating:	241 - GOLD
	Pin Length L	27.94/1.100	Pin Length L	27.94/1.100	Pin Length L	27.94/1.100	Pin Length L	27.94/1.100
	Mating M	11.43 / .450	Mating M	11.43/. 450	Mating M	11.43/. 450	Mating M	11.43/. 450
	Gold Loc G	N/A	Gold Loc G	N/A	Gold Loc G	N/A	Gold Loc G	6.85/ .270
	Dim. Y	5.41/ .213	Dim. Y	5.41/ .213	Dim. Y	5.41/ .213	Dim. Y	5.41/ .213
	PC Tail P	3.96 / .156	PC Tail P	3.96/ . 156	PC Tail P	3.96/. 156	PC Tail P	3.96/. 156
	Tin Loc T	OVERALL	Tin Loc T	OVERALL	Tin Loc T	OVERALL	Tin Loc T	5.08/ .200
	Voided Ckts	4	Voided Ckts	6	Voided CKts	2	Voided Ckts	4
	Pack Per	PK-42492-002	Pack Per	PK-42492-002	Pack Per	PK-42492-002	Pack Per	PK-42492-002

Ckts	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number
2								
3					26-66-0031	A-42492-0258		
4	26-64-5042	A-42492-0036			26-66-0041	A-42492-0259	42492-0274	A-42492-0274
5	26-64-5052	A-42492-0037			26-66-0051	A-42492-0260	42492-0275	A-42492-0275
6	26-64-5062	A-42492-0038	26-64-5061	A-42492-0244	26-66-0061	A-42492-0261	42492-0276	A-42492-0276
7	26-64-5072	A-42492-0039	26-64-5071	A-42492-0245	26-66-0071	A-42492-0262	42492-0277	A-42492-0277
8	26-64-5082	A-42492-0040	26-64-5081	A-42492-0246	26-66-0081	A-42492-0263	42492-0278	A-42492-0278
9	26-64-5092	A-42492-0041	26-64-5091	A-42492-0247	26-66-0091	A-42492-0264	42492-0279	A-42492-0279
10	26-64-5102	A-42492-0042	26-64-5101	A-42492-0248	26-66-0101	A-42492-0265	42492-0280	A-42492-0280
11	26-64-5112	A-42492-0043	26-64-5111	A-42492-0249	26-66-0111	A-42492-0266	42492-0281	A-42492-0281
12	26-64-5122	A-42492-0044	26-64-5121	A-42492-0250	26-66-0121	A-42492-0267	42492-0282	A-42492-0282
13								
14								
15								
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18								

REV:	ECR/ECN INFORMATION:	TITLE:	SHEET No.
G	EC No.: **UCP2012-0114** DATE: **10/31/2011**	**KK 156 HEADER ASSEMBLY FRICTION LOCK RT ANGLE WITH PEGS**	**- 4 -**

DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SD- 42492-001	**MMSTROH**	**MKIPPER**	**FSMITH**

OPTIONS								
	Group	A-42492-0289/0302	Group	A-42492-0303/0318	Group	A-42492-0019/0035	Group	A-42492-0400/0416
	Header No:	41790-0039/0052	Header No:	41790-0037/0052	Header No:	41790-0036/0052	Header No:	41790-0036/0052
	Pin No:	43294-0572	Pin No:	43294-0572	Pin No:	43294-0573	Pin No:	43294-0500
	Plating:	197 – TIN	Plating:	197 – TIN	Plating:	241 - GOLD	Plating:	197 - TIN
	Pin Length L	27.94/1.100	Pin Length L	27.94/1.100	Pin Length L	27.94/1.100	Pin Length L	26.16/ 1.030
	Mating M	11.43 / .450	Mating M	11.43/. 450	Mating M	11.43/. 450	Mating M	11.38/. 448
	Gold Loc G	N/A	Gold Loc G	6.86/. 270	Gold Loc G	6.85/ .270	Gold Loc G	N/A
	Dim. Y	5.41/ .213	Dim. Y	5.41/ .213	Dim. Y	5.41/ .213	Dim. Y	5.41/ .213
	PC Tail P	3.96 / .156	PC Tail P	3.96/ . 156	PC Tail P	3.96/. 156	PC Tail P	2.23/ .088
	Tin Loc T	OVERALL	Tin Loc T	OVERALL	Tin Loc T	5.08/ .200	Tin Loc T	OVERALL
	Voided Ckts	5	Voided Ckts	3	Voided CKts	NONE	Voided Ckts	NONE
	Pack Per	PK-42492-002	Pack Per	PK-42492-002	Pack Per	PK-42492-002	Pack Per	PK-42492-002
Ckts	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number
2					26-65-5020	A-42492-0019	42492-0400	A-42492-0400
3			42492-0303	A-42492-0303	26-65-5030	A-42492-0020	42492-0401	A-42492-0401
4			42492-0304	A-42492-0304	26-65-5040	A-42492-0021	42492-0402	A-42492-0402
5	42492-0289	A-42492-0289	42492-0305	A-42492-0305	26-65-5050	A-42492-0022	42492-0403	A-42492-0403
6	42492-0290	A-42492-0290	42492-0306	A-42492-0306	26-65-5060	A-42492-0023	42492-0404	A-42492-0404
7	42492-0291	A-42492-0291	42492-0307	A-42492-0307	26-65-5070	A-42492-0024	42492-0405	A-42492-0405
8	42492-0292	A-42492-0292	42492-0308	A-42492-0308	26-65-5080	A-42492-0025	42492-0406	A-42492-0406
9	42492-0293	A-42492-0293	42492-0309	A-42492-0309	26-65-5090	A-42492-0026	42492-0407	A-42492-0407
10	42492-0294	A-42492-0294	42492-0310	A-42492-0310	26-65-5100	A-42492-0027	42492-0408	A-42492-0408
11	42492-0295	A-42492-0295	42492-0311	A-42492-0311	26-65-5110	A-42492-0028	42492-0409	A-42492-0409
12	42492-0296	A-42492-0296	42492-0312	A-42492-0312	26-65-5120	A-42492-0029	42492-0410	A-42492-0410
13								
14								
15								
16								
17								
18								

REV:	ECR/ECN INFORMATION:	TITLE:	SHEET No.
G	EC No.: **UCP2012-0114** DATE: **10/31/2011**	**KK 156 HEADER ASSEMBLY FRICTION LOCK RT ANGLE WITH PEGS**	**- 5 -**

DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SD- 42492-001	**MMSTROH**	**MKIPPER**	**FSMITH**

OPTIONS								
	Group	A-42492-0417/0431	Group	A-42492-0432/0443	Group	A-42492-0444/0456	Group	A-42492-0461/0473
	Header No:	41790-0036/0052	Header No:	41790-0041/0052	Header No:	41790-0040/0052	Header No:	41790-0040/0052
	Pin No:	43294-0572	Pin No:	43294-0572	Pin No:	43294-0572	Pin No:	43294-0572
	Plating:	197 – TIN	Plating:	197 – TIN	Plating:	197 – TIN	Plating:	197 – TIN
	Pin Length L	27.94/1.100	Pin Length L	27.94/1.100	Pin Length L	27.94/1.100	Pin Length L	27.94/1.100
	Mating M	11.43 / .450	Mating M	11.43/. 450	Mating M	11.43/. 450	Mating M	11.43/. 450
	Gold Loc G	N/A	Gold Loc G	N/A	Gold Loc G	N/A	Gold Loc G	N/A
	Dim. Y	5.41/ .213	Dim. Y	5.41/ .213	Dim. Y	5.41/ .213	Dim. Y	5.41/ .213
	PC Tail P	3.96 / .156	PC Tail P	3.96/ . 156	PC Tail P	3.96/. 156	PC Tail P	3.96/. 156
	Tin Loc T	OVERALL	Tin Loc T	OVERALL	Tin Loc T	OVERALL	Tin Loc T	OVERALL
	Voided Ckts	2, 4	Voided Ckts	1,4,5,6,7	Voided CKts	3, 6	Voided Ckts	4, 6
	Pack Per	PK-42492-002	Pack Per	PK-42492-002	Pack Per	PK-42492-002	Pack Per	PK-42492-002

Ckts	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number
2								
3								
4	42492-0417	A-42492-0417						
5	42492-0418	A-42492-0418						
6	42492-0419	A-42492-0419			42492-0444	A-42492-0444		
7	42492-0420	A-42492-0420	42492-0432	A-42492-0432	42492-0445	A-42492-0445	42492-0462	A-42492-0462
8	42492-0421	A-42492-0421	42492-0433	A-42492-0433	42492-0446	A-42492-0446		
9	42492-0422	A-42492-0422	42492-0434	A-42492-0434	42492-0447	A-42492-0447		
10	42492-0423	A-42492-0423	42492-0435	A-42492-0435	42492-0448	A-42492-0448		
11	42492-0424	A-42492-0424	42492-0436	A-42492-0436	42492-0449	A-42492-0449		
12	42492-0425	A-42492-0425	42492-0437	A-42492-0437	42492-0450	A-42492-0450		
13								
14								
15								
16								
17								
18								

REV:	ECR/ECN INFORMATION:	TITLE:	SHEET No.
G	EC No.: **UCP2012-0114** DATE: **10/31/2011**	**KK 156 HEADER ASSEMBLY FRICTION LOCK RT ANGLE WITH PEGS**	**- 6 -**

DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SD- 42492-001	**MMSTROH**	**MKIPPER**	**FSMITH**

OPTIONS										
	Group	A-42492-0474	Group	A-42492-0490	Group		Group	
	Header No:	41790-0040/0052	Header No:	41790-0037/0052	Header No:		Header No:	
	Pin No:	43294-0571	Pin No:	43294-0569	Pin No:		Pin No:	
	Plating:	154 – TIN	Plating:	208 – 15 GOLD	Plating:		Plating:	
	Pin Length L	27.94/1.100	Pin Length L	27.94/1.100	Pin Length L		Pin Length L	
	Mating M	11.43 / .450	Mating M	11.43/. 450	Mating M		Mating M	
	Gold Loc G	N/A	Gold Loc G	6.86/. 270	Gold Loc G		Gold Loc G	
	Dim. Y	5.41/ .213	Dim. Y	5.41/ .213	Dim. Y		Dim. Y	
	PC Tail P	3.96 / .156	PC Tail P	3.96/ . 156	PC Tail P		PC Tail P	
	Tin Loc T	OVERALL	Tin Loc T	5.08 / .200	Tin Loc T		Tin Loc T	
	Voided Ckts	2, 5, 6	Voided Ckts	3	Voided Ckts		Voided Ckts	
	Pack Per	PK-42492-002	Pack Per	PK-42492-002	Pack Per		Pack Per	
Ckts	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number
2								
3								
4								
5								
6								
7	42492-0474	A-42492-0474						
8								
9			42492-0490	A-42492-0490				
10								
11								
12								
13								
14								
15								
16								
17								
18								

REV:	ECR/ECN INFORMATION:	TITLE:	SHEET No.
G	EC No.: **UCP2012-0114** DATE: **10/31/2011**	**KK 156 HEADER ASSEMBLY FRICTION LOCK RT ANGLE WITH PEGS**	**- 7 -**

DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SD- 42492-001	**MMSTROH**	**MKIPPER**	**FSMITH**

Unikeyic Electronics

Global Electronic Components Distributor

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molex:

151670255 152670269 190730231 397730002 436803002 447642001 430451220 760475001
5046940301 0190690033 190670071 447641402 759001161 0436802002 444280402 447691602
439151216 459705185 0190700155 152660117 190690096 398800403 0436400901 152670251
152670357 190990010 417920538 151660057 430450225 190990009