

F

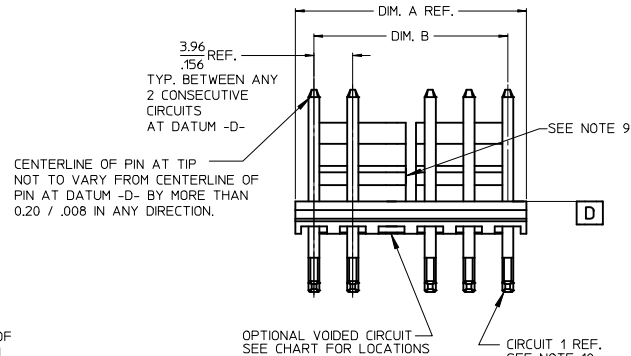
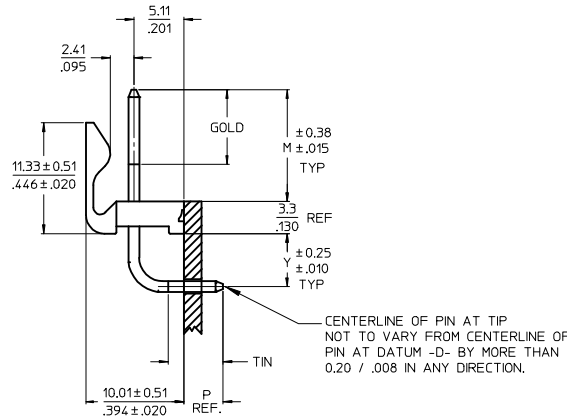
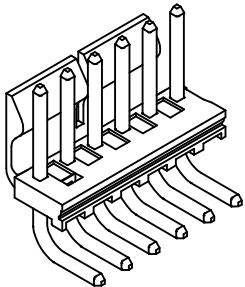
E

D

C

B

A



CKT	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
13	51.36 2.022	47.55±0.15 1.872±.006	4 & 5 9 & 10
14	55.32 2.178	51.51±0.18 2.028±.007	5 & 6 9 & 10
15	59.28 2.334	55.47±0.18 2.184±.007	5 & 6 10 & 11
16	63.25 2.490	59.44±0.18 2.340±.007	5 & 6 11 & 12
17	67.21 2.646	63.40±0.20 2.496±.008	6 & 7 11 & 12
18	71.17 2.802	67.36±0.20 2.652±.008	6 & 7 12 & 13

F

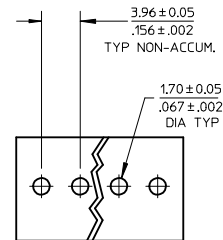
E

D

C

B

A



PCB LAYOUT: COMPONENT SIDE

NOTES:

- MATERIAL: HEADER-GLASS FILLED POLYESTER, 94V-0, MOLDED NATURAL (WHITE).
- FINISH: (102) OVERALL TIN: .00508/.000200 MIN OVER .00254/.000100 MIN COPPER, (154) OVERALL TIN: .00254/.000100 MIN OVER .00127/.000050 MIN NICKEL, *(208) SELECT GOLD: .00038/.000015 MIN, SELECT TIN: .00254/.000100 MIN, OVERALL NICKEL UNDERPLATE: .00127/.000050 MIN, *(228) SELECT GOLD: .00076/.000030 MIN, SELECT TIN: .00254/.000100 MIN, OVERALL NICKEL UNDERPLATE: .00127/.000050 MIN. FOR ADDITIONAL PLATING INFO, SEE SDES-88.
- THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC". CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD PLATING.
- PRODUCT SPECIFICATION AND PROCESS PARAMETERS: SEE PS-08-50.
- PACKAGING INFORMATION: SEE CHART
- SOLDERABILITY: PER SMES-152.
- PIN PUSH-OUT FORCE: PRIOR TO SOLDERING, A 3 LB. MINIMUM FORCE (IN EITHER DIRECTION)
- PARTS ARE STACKABLE END TO END ON 3.96/.156 CENTERS.
- THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
- SLOTS ON BACKWALL ARE BETWEEN CIRCUITS. SEE CHART FOR LOCATION.
- CIRCUIT 1 DESIGNATION IS USED TO DEFINE VOID LOCATION. CIRCUIT 1 MAY OR MAY NOT LINE UP WITH CIRCUIT 1 ON THE MATING HOUSING.

2-*	H6
1	H7
SHT	REV

ADD CKT1 ID NOTE 10	EC NO: UCP2009-0749	2008/12/29	2009/01/05
DRWN:MKIPPER	CHKD:SSOUSEK	APPR:FSM/TH	
H7			

QUALITY SYMBOLS	DESCRIPTION
▽=0	
▽=0	

GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	MM/IN	2:1	INCH	
4 PLACES ± --- ± ---	DRAWN BY JSCHAFFER	DATE 11-07-03	TITLE	
3 PLACES ± --- ± .010	CHECKED BY	DATE		
2 PLACES ± 0.25 ± .015	APPROVED BY KSAMIEC	DATE 11-10-03		
1 PLACE ± 0.38 ± ---	APPROVED BY MARGULIS	DATE 11-17-03		
ANGULAR ± 1/2°	MATERIAL NO.	DOCUMENT NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART			

SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
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MOLEX	MOLEX INCORPORATED	SHEET NO. 1 OF 1
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OPTIONS	Group	A-41792-0002/0018	Group	A-41792-0511/0527	Group	A-41792-0528/0544	Group	A-41792-0562/0578
	Header No:	41790-0002/0018	Header No:	41790-0002/0018	Header No:	41790-0002/0018	Header No:	41790-0002/0018
	Pin No:	2161-37(102)	Pin No:	43294-0569	Pin No:	43294-0570	Pin No:	43294-0570
	Plating:	102 – TIN	Plating:	208 – 15 GOLD	Plating:	228 – 30 GOLD	Plating:	228 – 30 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	6.86/ .270	Gold Loc G	6.86/ .270	Gold Loc G	6.86/ .270
	Height Y	5.41 / .213	Height Y	5.41 / .213	Height Y	5.41 / .213	Height 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	5.08/ .200	Tin Loc T	5.08/ .200	Tin Loc T	5.08/ .200
	Voided Ckts	NONE	Voided Ckts	NONE	Voided Ckts	NONE	Voided Ckts	2
	Pack Per	PK-41792-002	Pack Per	PK-41792-002	Pack Per	PK-41792-002	Pack Per	PK-41792-002
Ckts	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number
2	26-60-5020	A-41792-0002	41792-0511	A-41792-0511	41792-0528	A-41792-0528	41792-0562	A-41792-0562
3	26-60-5030	A-41792-0003	41792-0512	A-41792-0512	41792-0529	A-41792-0529	41792-0563	A-41792-0563
4	26-60-5040	A-41792-0004	41792-0513	A-41792-0513	41792-0530	A-41792-0530	41792-0564	A-41792-0564
5	26-60-5050	A-41792-0005	41792-0514	A-41792-0514	41792-0531	A-41792-0531	41792-0565	A-41792-0565
6	26-60-5060	A-41792-0006	41792-0515	A-41792-0515	41792-0532	A-41792-0532	41792-0566	A-41792-0566
7	26-60-5070	A-41792-0007	41792-0516	A-41792-0516	41792-0533	A-41792-0533	41792-0567	A-41792-0567
8	26-60-5080	A-41792-0008	41792-0517	A-41792-0517	41792-0534	A-41792-0534	41792-0568	A-41792-0568
9	26-60-5090	A-41792-0009	41792-0518	A-41792-0518	41792-0535	A-41792-0535	41792-0569	A-41792-0569
10	26-60-5100	A-41792-0010	41792-0519	A-41792-0519	41792-0536	A-41792-0536	41792-0570	A-41792-0570
11	26-60-5110	A-41792-0011	41792-0520	A-41792-0520	41792-0537	A-41792-0537	41792-0571	A-41792-0571
12	26-60-5120	A-41792-0012	41792-0521	A-41792-0521	41792-0538	A-41792-0538	41792-0572	A-41792-0572
13	26-60-5130	A-41792-0013	41792-0522	A-41792-0522	41792-0539	A-41792-0539	41792-0573	A-41792-0573
14	26-60-5140	A-41792-0014	41792-0523	A-41792-0523	41792-0540	A-41792-0540	41792-0574	A-41792-0574
15	26-60-5150	A-41792-0015	41792-0524	A-41792-0524	41792-0541	A-41792-0541	41792-0575	A-41792-0575
16	26-60-5160	A-41792-0016	41792-0525	A-41792-0525	41792-0542	A-41792-0542	41792-0576	A-41792-0576
17	26-60-5170	A-41792-0017	41792-0526	A-41792-0526	41792-0543	A-41792-0543	41792-0577	A-41792-0577
18	26-60-5180	A-41792-0018	41792-0527	A-41792-0527	41792-0544	A-41792-0544	41792-0578	A-41792-0578

REV:	<u>ECR/ECN INFORMATION:</u>	<u>TITLE:</u>	<u>SHEET No.</u>
H6	EC No.: UCP2008-2821	KK 156 HEADER ASSEMBLY	- 2 -
	DATE: 6/23/2008	FRICITION LOCK	
		RIGHT ANGLE W/O PEGS	
<u>DOCUMENT NUMBER:</u>	<u>CREATED / REVISED BY:</u>	<u>CHECKED BY:</u>	<u>APPROVED BY:</u>
SDA- 41792	GAVERILL	MKIPPER	FSMITH

OPTIONS	Group	A-41792-0019/0035	Group	A-41792-0036/0050	Group	A-41792-0051/0067	Group	
	Header No:	41790-0002/0018	Header No:	41790-0004/0018	Header No:	41790-0002/0018	Header No:	
	Pin No:	2161-37(501)	Pin No:	2161-37(102)	Pin No:	2161-64(102)	Pin No:	
	Plating:	501 – GOLD	Plating:	102 – TIN	Plating:	102 - TIN	Plating:	
	Pin Length L	27.94 / 1.100	Pin Length L	27.94 / 1.100	Pin Length L	29.85 / 1.175	Pin Length L	
	Mating M	11.43 / .450	Mating M	11.43 / .450	Mating M	13.28 / .523	Mating M	
	Gold Loc G	OVERALL	Gold Loc G	N/A	Gold Loc G	N/A	Gold Loc G	
	Height Y	5.41 / .213	Height Y	5.41 / .213	Height Y	5.41 / .213	Height Y	
	PC Tail P	3.96/ .156	PC Tail P	3.96/ .156	PC Tail P	4.01 / .158	PC Tail P	
	Tin Loc T	N/A	Tin Loc T	OVERALL	Tin Loc T	OVERALL	Tin Loc T	
	Voided Ckts	NONE	Voided Ckts	4	Voided Ckts	NONE	Voided Ckts	
	Pack Per	PK-41792-002	Pack Per	PK-41792-002	Pack Per	PK-41792-002	Pack Per	
Ckts	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number
2	26-61-5020	A-41792-0019						
3	26-61-5030	A-41792-0020						
4	26-61-5040	A-41792-0021	26-61-5043	A-41792-0036	26-60-5041	A-41792-0053		
5	26-61-5050	A-41792-0022	26-61-5053	A-41792-0037				
6	26-61-5060	A-41792-0023	26-61-5063	A-41792-0038				
7	26-61-5070	A-41792-0024	26-61-5073	A-41792-0039				
8	26-61-5080	A-41792-0025	26-61-5083	A-41792-0040				
9	26-61-5090	A-41792-0026	26-61-5093	A-41792-0041				
10	26-61-5100	A-41792-0027	26-61-5103	A-41792-0042				
11	26-61-5110	A-41792-0028	26-61-5113	A-41792-0043				
12	26-61-5120	A-41792-0029	26-61-5123	A-41792-0044				
13	26-61-5130	A-41792-0030	26-61-5133	A-41792-0045				
14	26-61-5140	A-41792-0031	26-61-5143	A-41792-0046				
15	26-61-5150	A-41792-0032	26-61-5153	A-41792-0047				
16	26-61-5160	A-41792-0033	26-61-5163	A-41792-0048				
17	26-61-5170	A-41792-0034	26-61-5173	A-41792-0049				
18	26-61-5180	A-41792-0035	26-61-5183	A-41792-0050				

REV: H6	<u>ECR/ECN INFORMATION:</u>		<u>TITLE:</u> KK 156 HEADER ASSEMBLY FRICTION LOCK RIGHT ANGLE W/O PEGS			<u>SHEET No.</u> - 3 -		
	<u>EC No.:</u>	UCP2008-2821						
	<u>DATE:</u>	6/23/2008						
<u>DOCUMENT NUMBER:</u> SDA- 41792			<u>CREATED / REVISED BY:</u> GAVERILL		<u>CHECKED BY:</u> MKIPPER		<u>APPROVED BY:</u> FSMITH	

OPTIONS	Group	A-41792-0198/0213	Group	A-41792-0214/0227	Group	A-41792-0242/0257	Group	A-41792-0341/0352
	Header No:	41790-0002/0018	Header No:	41790-0005/0018	Header No:	41790-0003/0018	Header No:	41790-0007/0018
	Pin No:	2161-37(102)	Pin No:	2161-37(102)	Pin No:	2161-37(102)	Pin No:	2161-37(102)
	Plating:	102 – TIN	Plating:	102 – TIN	Plating:	102 – TIN	Plating:	102 – 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
	Height Y	5.41 / .213	Height Y	5.41 / .213	Height Y	5.41 / .213	Height 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	Voided Ckts	5	Voided Ckts	3	Voided Ckts	7
	Pack Per	PK-41792-002	Pack Per	PK-41792-002	Pack Per	PK-41792-002	Pack Per	PK-41792-002
	Ckts	Material No Engineer Number	Material No Engineer Number	Material No Engineer Number	Material No Engineer Number	Material No Engineer Number	Material No Engineer Number	Material No Engineer Number
2								
3	26-62-5031	A-41792-0198			26-62-5035	A-41792-0242		
4	26-62-5041	A-41792-0199			26-62-5045	A-41792-0243		
5	26-62-5051	A-41792-0200	41792-0214	A-41792-0214	26-62-5055	A-41792-0244		
6	26-62-5061	A-41792-0201	26-62-5060	A-41792-0215	26-62-5065	A-41792-0245		
7	26-62-5071	A-41792-0202	41792-0216	A-41792-0216	26-62-5075	A-41792-0246	41792-0341	A-41792-0341
8	26-62-5081	A-41792-0203	41792-0217	A-41792-0217	26-62-5085	A-41792-0247	41792-0342	A-41792-0342
9	26-62-5091	A-41792-0204	41792-0218	A-41792-0218	26-62-5095	A-41792-0248	41792-0343	A-41792-0343
10	26-62-5101	A-41792-0205	26-62-5100	A-41792-0219	26-62-5105	A-41792-0249	26-62-5104	A-41792-0344
11	26-62-5111	A-41792-0206	41792-0220	A-41792-0220	26-62-5115	A-41792-0250	26-62-5114	A-41792-0345
12	26-62-5121	A-41792-0207	41792-0221	A-41792-0221	26-62-5125	A-41792-0251	41792-0346	A-41792-0346
13	26-62-5131	A-41792-0208	41792-0222	A-41792-0222	26-62-5135	A-41792-0252	41792-0347	A-41792-0347
14	26-62-5141	A-41792-0209	41792-0223	A-41792-0223	26-62-5145	A-41792-0253	41792-0348	A-41792-0348
15	26-62-5151	A-41792-0210	41792-0224	A-41792-0224	26-62-5155	A-41792-0254	41792-0349	A-41792-0349
16	26-62-5161	A-41792-0211	41792-0225	A-41792-0225	26-62-5165	A-41792-0255	41792-0350	A-41792-0350
17	26-62-5171	A-41792-0212	41792-0226	A-41792-0226	26-62-5175	A-41792-0256	41792-0351	A-41792-0351
18	26-62-5181	A-41792-0213	41792-0227	A-41792-0227	26-62-5185	A-41792-0257	41792-0352	A-41792-0352

REV:	ECR/ECN INFORMATION:	TITLE:	SHEET No.
H6	EC No.: UCP2008-2821	KK 156 HEADER ASSEMBLY FRICTION LOCK RIGHT ANGLE W/O PEGS	- 4 -
DATE: 6/23/2008			
DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SDA- 41792	GAVERILL	MKIPPER	FSMITH

OPTIONS	Group	A-41792-0460/0471	Group	A-41792-0472/0483	Group	A-41792-0484/0493	Group	A-41792-0579/0595
	Header No:	41790-0007/0018	Header No:	41790-0007/0018	Header No:	41790-0009/0018	Header No:	41790-0002/0018
	Pin No:	2161-37(102)	Pin No:	2161-37(102)	Pin No:	2161-37(102)	Pin No:	2161-37(154)
	Plating:	102 – TIN	Plating:	102 – TIN	Plating:	102 – TIN	Plating:	154 – 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
	Height Y	5.41 / .213	Height Y	5.41 / .213	Height Y	5.41 / .213	Height 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, 7	Voided Ckts	4, 7	Voided Ckts	2, 5, 9	Voided Ckts	NONE
	Pack Per	PK-41792-002	Pack Per	PK-41792-002	Pack Per	PK-41792-002	Pack Per	PK-41792-002
	Ckts	Material No Engineer Number	Material No Engineer Number	Material No Engineer Number	Material No Engineer Number	Material No Engineer Number	Material No Engineer Number	Material No Engineer Number
2							50-29-1904	A-41792-0579
3							50-29-1905	A-41792-0580
4							50-29-1906	A-41792-0581
5							50-29-1907	A-41792-0582
6							50-29-1908	A-41792-0583
7	41792-0460	A-41792-0460		A-41792-0472			50-29-1909	A-41792-0584
8	41792-0461	A-41792-0461	26-60-5087	A-41792-0473			50-29-1910	A-41792-0585
9	26-60-5096	A-41792-0462		A-41792-0474		A-41792-0484	50-29-1911	A-41792-0586
10	41792-0463	A-41792-0463		A-41792-0475		A-41792-0485	50-29-1912	A-41792-0587
11	41792-0464	A-41792-0464		A-41792-0476		A-41792-0486	50-29-1913	A-41792-0588
12	41792-0465	A-41792-0465		A-41792-0477	26-60-5128	A-41792-0487	50-29-1914	A-41792-0589
13	41792-0466	A-41792-0466		A-41792-0478		A-41792-0488	50-29-1915	A-41792-0590
14	41792-0467	A-41792-0467		A-41792-0479		A-41792-0489	50-29-1916	A-41792-0591
15	41792-0468	A-41792-0468		A-41792-0480		A-41792-0490	50-29-1917	A-41792-0592
16	41792-0469	A-41792-0469		A-41792-0481		A-41792-0491	50-29-1918	A-41792-0593
17	41792-0470	A-41792-0470		A-41792-0482		A-41792-0492	50-29-1919	A-41792-0594
18	41792-0471	A-41792-0471		A-41792-0483		A-41792-0493	50-29-1920	A-41792-0595

REV: H6	<u>ECR/ECN INFORMATION:</u>		<u>TITLE:</u> KK 156 HEADER ASSEMBLY FRICTION LOCK RIGHT ANGLE W/O PEGS				<u>SHEET No.</u>	
	<u>EC No.:</u> UCP2008-2821						- 5 -	
	<u>DATE:</u> 6/23/2008							
<u>DOCUMENT NUMBER:</u> SDA- 41792			<u>CREATED / REVISED BY:</u> GAVERILL		<u>CHECKED BY:</u> MKIPPER		<u>APPROVED BY:</u> FSMITH	

OPTIONS	Group	A-41792-0596/0612	Group	A-41792-0613/0629	Group	A-41792-0484/0493	Group	
	Header No:	41790-0007/0018	Header No:	41790-0009/0018	Header No:	41790-0009/0018	Header No:	
	Pin No:	2161-37(154)	Pin No:	2161-37(154)	Pin No:	2161-37(154)	Pin No:	
	Plating:	154 – TIN	Plating:	154 – TIN	Plating:	154 – TIN	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	N/A	Gold Loc G	N/A	Gold Loc G	
	Height Y	5.41 / .213	Height Y	5.41 / .213	Height Y	5.41 / .213	Height 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	OVERALL	Tin Loc T	OVERALL	Tin Loc T	
	Voided Ckts	2, 7	Voided Ckts	2, 5, 9	Voided Ckts	2, 5, 9	Voided Ckts	
	Pack Per	PK-41792-002	Pack Per	PK-41792-002	Pack Per	PK-41792-002	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	50-29-1926	A-41792-0601						
8	50-29-1927	A-41792-0602						
9	50-29-1928	A-41792-0603	50-29-1945	A-41792-0620		A-41792-0630		
10	50-29-1929	A-41792-0604	50-29-1946	A-41792-0621		A-41792-0631		
11	50-29-1930	A-41792-0605	50-29-1947	A-41792-0622		A-41792-0632		
12	50-29-1931	A-41792-0606	50-29-1948	A-41792-0623	41792-0633	A-41792-0633		
13	50-29-1932	A-41792-0607	50-29-1949	A-41792-0624		A-41792-0634		
14	50-29-1933	A-41792-0608	50-29-1950	A-41792-0625		A-41792-0635		
15	50-29-1934	A-41792-0609	50-29-1951	A-41792-0626		A-41792-0636		
16	50-29-1935	A-41792-0610	50-29-1952	A-41792-0627		A-41792-0637		
17	50-29-1936	A-41792-0611	50-29-1953	A-41792-0628		A-41792-0638		
18	50-29-1937	A-41792-0612	50-29-1954	A-41792-0629		A-41792-0639		

REV:	ECR/ECN INFORMATION:	TITLE:	KK 156 HEADER ASSEMBLY FRICTION LOCK RIGHT ANGLE W/O PEGS		SHEET No.
H6	EC No.: UCP2008-2821				- 6 -
	DATE: 6/23/2008				
DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:		
SDA- 41792	GAVERILL	MKIPPER	FSMITH		