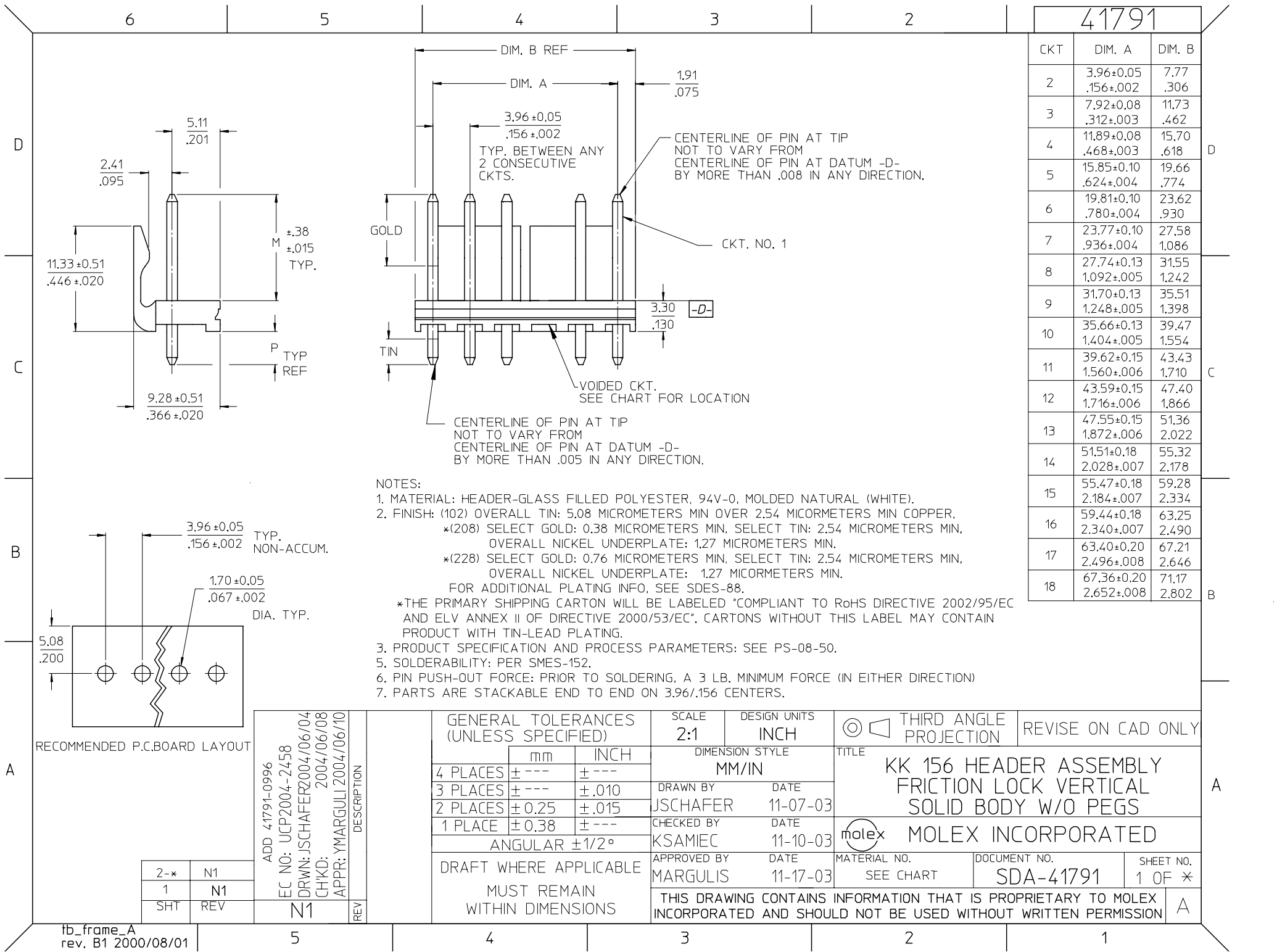




41791

CKT	DIM. A	DIM. B
2	3.96±0.05 .156±.002	7.77 .306
3	7.92±0.08 .312±.003	11.73 .462
4	11.89±0.08 .468±.003	15.70 .618
5	15.85±0.10 .624±.004	19.66 .774
6	19.81±0.10 .780±.004	23.62 .930
7	23.77±0.10 .936±.004	27.58 1.086
8	27.74±0.13 1.092±.005	31.55 1.242
9	31.70±0.13 1.248±.005	35.51 1.398
10	35.66±0.13 1.404±.005	39.47 1.554
11	39.62±0.15 1.560±.006	43.43 1.710
12	43.59±0.15 1.716±.006	47.40 1.866
13	47.55±0.15 1.872±.006	51.36 2.022
14	51.51±0.18 2.028±.007	55.32 2.178
15	55.47±0.18 2.184±.007	59.28 2.334
16	59.44±0.18 2.340±.007	63.25 2.490
17	63.40±0.20 2.496±.008	67.21 2.646
18	67.36±0.20 2.652±.008	71.17 2.802

NOTES:

1. MATERIAL: HEADER-GLASS FILLED POLYESTER, 94V-0, MOLDED NATURAL (WHITE).
2. FINISH: (102) OVERALL TIN: 5.08 MICROMETERS MIN OVER 2.54 MICROMETERS MIN COPPER.
*(208) SELECT GOLD: 0.38 MICROMETERS MIN, SELECT TIN: 2.54 MICROMETERS MIN, OVERALL NICKEL UNDERPLATE: 1.27 MICROMETERS MIN.
*(228) SELECT GOLD: 0.76 MICROMETERS MIN, SELECT TIN: 2.54 MICROMETERS MIN, OVERALL NICKEL UNDERPLATE: 1.27 MICROMETERS 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.
3. PRODUCT SPECIFICATION AND PROCESS PARAMETERS: SEE PS-08-50.
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.

GENERAL TOLERANCES (UNLESS SPECIFIED)			SCALE 2:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION	REVISE ON CAD ONLY		
	mm	INCH	DIMENSION STYLE MM/IN		 TITLE KK 156 HEADER ASSEMBLY FRICTION LOCK VERTICAL SOLID BODY W/O PEGS MOLEX INCORPORATED			
4 PLACES	± ---	± ---						
3 PLACES	± ---	± .010	DRAWN BY DATE JSCHAFFER 11-07-03					
2 PLACES	± 0.25	± .015	CHECKED BY DATE KSAMIEC 11-10-03					
1 PLACE	± 0.38	± ---						
ANGULAR ±1/2°								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			APPROVED BY DATE MARGULIS 11-17-03	MATERIAL NO. SEE CHART	DOCUMENT NO. SDA-41791	SHEET NO. 1 OF *		
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					A

2-*	N1
1	N1
SHT	REV

ADD 41791-0996	DESCRIPTION
EC NO: UCP2004-2458	
DRWN: JSCHAFFER 2004/06/04	
CHKD: 2004/06/08	
APPR: YMARGULI 2004/06/10	REV
N1	

OPTIONS	Group	A-41791-0019/0035	Group	A-41791-0036/0052	Group	A-41791-0059/0074	Group	A-41791-0086/0100
	Header No:	41790-0002/0018	Header No:	41790-0002/0018	Header No:	41790-0002/0018	Header No:	41790-0002/0018
	Pin No:	2161-94(501)	Pin No:	2161-94(102)	Pin No:	2161-94(102)	Pin No:	2161-94(102)
	Plating:	501 – GOLD	Plating:	102 – TIN	Plating:	102 – TIN	Plating:	102 – TIN
	Pin Length L	18.29 / .720	Pin Length L	18.29 / .720	Pin Length L	18.29 / .720	Pin Length L	18.29 / .720
	Mating M	11.43 / .450	Mating M	11.43 / .450	Mating M	11.43 / .450	Mating M	11.43 / .450
	Gold Loc G	OVERALL	Gold Loc G	N/A	Gold Loc G	N/A	Gold Loc G	N/A
	PC Tail P	3.56 / .140	PC Tail P	3.56 / .140	PC Tail P	3.56 / .140	PC Tail P	3.56 / .140
	Tin Loc T	N/A	Tin Loc T	OVERALL	Tin Loc T	OVERALL	Tin Loc T	OVERALL
	Voided Ckts	NONE	Voided Ckts	2	Voided Ckts	3	Voided Ckts	2, 4
	Pack Per	PK-41791-001	Pack Per	PK-41791-001	Pack Per	PK-41791-001	Pack Per	PK-41791-001
Ckts	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number
2	26-61-4020	A-41791-0019	26-62-4020	A-41791-0036				
3	26-61-4030	A-41791-0020	26-62-4030	A-41791-0037	26-62-4036	A-41791-0059		
4	26-61-4040	A-41791-0021	26-62-4040	A-41791-0038	26-62-4046	A-41791-0060	26-62-4041	A-41791-0086
5	26-61-4050	A-41791-0022	26-62-4050	A-41791-0039	26-62-4056	A-41791-0061	26-62-4051	A-41791-0087
6	26-61-4060	A-41791-0023	26-62-4060	A-41791-0040	26-62-4066	A-41791-0062	26-62-4061	A-41791-0088
7	26-61-4070	A-41791-0024	26-62-4070	A-41791-0041	26-62-4076	A-41791-0063		A-41791-0089
8	26-61-4080	A-41791-0025	26-62-4080	A-41791-0042	26-62-4086	A-41791-0064		A-41791-0090
9	26-61-4090	A-41791-0026	26-62-4090	A-41791-0043	26-62-4096	A-41791-0065		A-41791-0091
10	26-61-4100	A-41791-0027	26-62-4100	A-41791-0044	26-62-4106	A-41791-0066		A-41791-0092
11	26-61-4110	A-41791-0028	26-62-4110	A-41791-0045	26-62-4116	A-41791-0067		A-41791-0093
12	26-61-4120	A-41791-0029	26-62-4120	A-41791-0046	26-62-4126	A-41791-0068		A-41791-0094
13	26-61-4130	A-41791-0030	26-62-4130	A-41791-0047	26-62-4136	A-41791-0069		A-41791-0095
14	26-61-4140	A-41791-0031	26-62-4140	A-41791-0048	26-62-4146	A-41791-0070		A-41791-0096
15	26-61-4150	A-41791-0032	26-62-4150	A-41791-0049	26-62-4156	A-41791-0071		A-41791-0097
16	26-61-4160	A-41791-0033	26-62-4160	A-41791-0050	26-62-4166	A-41791-0072		A-41791-0098
17	26-61-4170	A-41791-0034	26-62-4170	A-41791-0051	26-62-4176	A-41791-0073		A-41791-0099
18	26-61-4180	A-41791-0035	26-62-4180	A-41791-0052	26-62-4186	A-41791-0074		A-41791-0100

REV: N1	<u>03-12-23</u> REDRAWN WORDPRO	<u>TITLE:</u> KK 156 HEADER ASSEMBLY FRICTION LOCK VERTICAL BREAKAWAY			<u>SHEET No.</u> - 3 -
<u>DOCUMENT NUMBER:</u> SDA- 41791		<u>CREATED / REVISED BY:</u> CSTEWART	<u>CHECKED BY:</u> SAMIEC	<u>APPROVED BY:</u> MARGULIS	

OPTIONS	Group	A-41791-0138/0154	Group	A-41791-0253/0266	Group		Group	
	Header No:	41790-0002/0018	Header No:	41790-0002/0018	Header No:		Header No:	
	Pin No:	2161-94(122)	Pin No:	2161-94(122)	Pin No:		Pin No:	
	Plating:	122 – TIN	Plating:	122 – TIN	Plating:		Plating:	
	Pin Length L	18.29 / .720	Pin Length L	18.29 / .720	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	N/A	Gold Loc G		Gold Loc G	
	PC Tail P	3.56 / .140	PC Tail P	3.56 / .140	PC Tail P		PC Tail P	
	Tin Loc T	OVERALL	Tin Loc T	OVERALL	Tin Loc T		Tin Loc T	
	Voided Ckts	NONE	Voided Ckts	5	Voided Ckts		Voided Ckts	
	Pack Per	PK-41791-001	Pack Per	PK-41791-001	Pack Per		Pack Per	
Ckts	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number
2	26-60-4022	A-41791-0138						
3	26-60-4032	A-41791-0139						
4	26-60-4042	A-41791-0140						
5	26-60-4052	A-41791-0141		A-41791-0253				
6	26-60-4062	A-41791-0142	26-62-4064	A-41791-0254				
7	26-60-4072	A-41791-0143	26-62-4074	A-41791-0255				
8	26-60-4082	A-41791-0144	26-62-4084	A-41791-0256				
9	26-60-4092	A-41791-0145		A-41791-0257				
10	26-60-4102	A-41791-0146		A-41791-0258				
11	26-60-4112	A-41791-0147		A-41791-0259				
12	26-60-4122	A-41791-0148		A-41791-0260				
13	26-60-4132	A-41791-0149	26-62-4134	A-41791-0261				
14	26-60-4142	A-41791-0150		A-41791-0262				
15	26-60-4152	A-41791-0151		A-41791-0263				
16	26-60-4162	A-41791-0152		A-41791-0264				
17	26-60-4172	A-41791-0153		A-41791-0265				
18	26-60-4182	A-41791-0154		A-41791-0266				

REV: N1	<u>03-12-23</u> REDRAWN WORDPRO	<u>TITLE:</u> KK 156 HEADER ASSEMBLY FRICTION LOCK VERTICAL BREAKAWAY			<u>SHEET No.</u> - 4 -
<u>DOCUMENT NUMBER:</u> SDA- 41791		<u>CREATED / REVISED BY:</u> CSTEWART	<u>CHECKED BY:</u> SAMIEC	<u>APPROVED BY:</u> MARGULIS	

OPTIONS	Group	A-41791-0297/0308	Group	A-41791-0309/0308	Group	A-41791-0464/0480	Group	
	Header No:	41790-0002/0018	Header No:	41790-0002/0018	Header No:	41790-0002/0018	Header No:	
	Pin No:	2161-94(122)	Pin No:	2161-94(501)	Pin No:	2161-1(102)	Pin No:	
	Plating:	122 – TIN	Plating:	501 – GOLD	Plating:	102 – TIN	Plating:	
	Pin Length L	18.29 / .720	Pin Length L	18.29 / .720	Pin Length L	19.05 / .750	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	OVERALL	Gold Loc G	N/A	Gold Loc G	
	PC Tail P	3.56 / .140	PC Tail P	3.56 / .140	PC Tail P	4.32 / .170	PC Tail P	
	Tin Loc T	OVERALL	Tin Loc T	N/A	Tin Loc T	OVERALL	Tin Loc T	
	Voided Ckts	7	Voided Ckts	2	Voided Ckts	NONE	Voided Ckts	
	Pack Per	PK-41791-001	Pack Per	PK-41791-001	Pack Per	PK-41791-001	Pack Per	
Ckts	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number
2					26-60-4023	A-41791-0464		
3			26-63-4031	A-41791-0310	26-60-4033	A-41791-0465		
4				A-41791-0311	26-60-4043	A-41791-0466		
5				A-41791-0312		A-41791-0467		
6			26-63-4061	A-41791-0313	26-60-4063	A-41791-0468		
7		A-41791-0297	26-63-4071	A-41791-0314	26-60-4073	A-41791-0469		
8		A-41791-0298		A-41791-0315	26-60-4083	A-41791-0470		
9	26-60-4094	A-41791-0299		A-41791-0316	26-60-4093	A-41791-0471		
10		A-41791-0300		A-41791-0317	26-60-4103	A-41791-0472		
11		A-41791-0301		A-41791-0318		A-41791-0473		
12		A-41791-0302		A-41791-0319	26-60-4123	A-41791-0474		
13		A-41791-0303		A-41791-0320		A-41791-0475		
14		A-41791-0304		A-41791-0321		A-41791-0476		
15		A-41791-0305		A-41791-0322		A-41791-0477		
16		A-41791-0306		A-41791-0323		A-41791-0478		
17		A-41791-0307		A-41791-0324		A-41791-0479		
18		A-41791-0308		A-41791-0325	26-60-4183	A-41791-0480		

REV:	03-12-23 REDRAWN WORDPRO	TITLE: KK 156 HEADER ASSEMBLY FRICTION LOCK VERTICAL BREAKAWAY	SHEET No. - 5 -
N1			
DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SDA- 41791	CSTEWART	SAMIEC	MARGULIS

OPTIONS	Group	A-41791-0583/0597	Group	A-41791-0598/0609	Group	A-41791-0638/0653	Group	
	Header No:	41790-0002/0018	Header No:	41790-0002/0018	Header No:	41790-0002/0018	Header No:	
	Pin No:	2161-94(102)	Pin No:	2161-94(102)	Pin No:	2161-94(501)	Pin No:	
	Plating:	102 – TIN	Plating:	102 – TIN	Plating:	501 – GOLD	Plating:	
	Pin Length L	18.29 / .720	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	11.43 / .450	Mating M	
	Gold Loc G	N/A	Gold Loc G	N/A	Gold Loc G	OVERALL	Gold Loc G	
	PC Tail P	3.56 / .140	PC Tail P	3.56 / .140	PC Tail P	3.56 / .140	PC Tail P	
	Tin Loc T	OVERALL	Tin Loc T	OVERALL	Tin Loc T	N/A	Tin Loc T	
	Voided Ckts	4	Voided Ckts	7	Voided Ckts	3	Voided Ckts	
	Pack Per	PK-41791-001	Pack Per	PK-41791-001	Pack Per	PK-41791-001	Pack Per	
Ckts	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number
2								
3								
4	27-62-4049	A-41791-0583			26-63-4032	A-41791-0638		
5	27-62-4059	A-41791-0584			41791-0639	A-41791-0639		
6	27-62-4069	A-41791-0585			26-63-4052	A-41791-0640		
7	27-62-4079	A-41791-0586	41791-0598	A-41791-0598	26-63-4062	A-41791-0641		
8	27-62-4089	A-41791-0587	41791-0599	A-41791-0599	41791-0642	A-41791-0642		
9	27-62-4099	A-41791-0588	41791-0600	A-41791-0600	26-63-4082	A-41791-0643		
10	27-62-4109	A-41791-0589	41791-0601	A-41791-0601	41791-0644	A-41791-0644		
11	27-62-4119	A-41791-0590	41791-0602	A-41791-0602	41791-0645	A-41791-0645		
12	27-62-4129	A-41791-0591	41791-0603	A-41791-0603	41791-0646	A-41791-0646		
13	27-62-4139	A-41791-0592	41791-0604	A-41791-0604	41791-0647	A-41791-0647		
14	27-62-4149	A-41791-0593	41791-0605	A-41791-0605	41791-0648	A-41791-0648		
15	27-62-4159	A-41791-0594	41791-0606	A-41791-0606	41791-0649	A-41791-0649		
16	27-62-4169	A-41791-0595	41791-0607	A-41791-0607	41791-0650	A-41791-0650		
17	27-62-4179	A-41791-0596	41791-0608	A-41791-0608	41791-0651	A-41791-0651		
18	27-62-4189	A-41791-0597	41791-0609	A-41791-0609	41791-0652	A-41791-0652		
					41791-0653	A-41791-0653		

REV:	03-12-23 REDRAWN WORDPRO	TITLE:	KK 156 HEADER ASSEMBLY FRICTION LOCK VERTICAL BREAKAWAY		SHEET No.
N1					- 6 -
DOCUMENT NUMBER:	CREATED / REVISED BY:		CHECKED BY:	APPROVED BY:	
SDA- 41791	CSTEWART		SAMIEC	MARGULIS	

OPTIONS	Group	A-41791-0815/0831	Group	A-41791-0883/0891	Group	A-41791-0892/0908	Group	A-41791-0922/0933
	Header No:	41790-0002/0018	Header No:	41790-0010/0018	Header No:	41790-0002/0018	Header No:	41790-0007/0018
	Pin No:	2161-36(102)	Pin No:	2161-94(102)	Pin No:	43294-0299	Pin No:	2161-94(102)
	Plating:	102 – TIN	Plating:	102 – TIN	Plating:	208 – 15 GOLD	Plating:	102 – TIN
	Pin Length L	30.48 / 1.200	Pin Length L	18.29 / .720	Pin Length L	20.83 / .820	Pin Length L	18.29 / .720
	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	6.83/. 270	Gold Loc G	N/A
	PC Tail P	15.75/ .620	PC Tail P	3.56 / .140	PC Tail P	6.10/ .240	PC Tail P	3.56 / .140
	Tin Loc T	OVERALL	Tin Loc T	OVERALL	Tin Loc T	6.35/ .250	Tin Loc T	OVERALL
	Voided Ckts	NONE	Voided Ckts	10	Voided Ckts	NONE	Voided Ckts	5, 7
	Pack Per	PK-41791-003	Pack Per	PK-41791-001	Pack Per	PK-41791-002	Pack Per	PK-41791-001
Ckts	Item Number		Item Number		Item Number		Item Number	
2	41791-0815				41791-0892			
3	41791-0816				41791-0893			
4	41791-0817				41791-0894			
5	41791-0818				41791-0895			
6	41791-0819				41791-0896			
7	41791-0820				41791-0897		41791-0922	
8	41791-0821				41791-0898		41791-0923	
9	41791-0822				41791-0899		41791-0924	
10	41791-0823		41791-0883		41791-0900		41791-0925	
11	41791-0824		41791-0884		41791-0901		41791-0926	
12	41791-0825		41791-0885		41791-0902		41791-0927	
13	41791-0826		41791-0886		41791-0903		41791-0928	
14	41791-0827		41791-0887		41791-0904		41791-0929	
15	41791-0828		41791-0888		41791-0905		41791-0930	
16	41791-0829		41791-0889		41791-0906		41791-0931	
17	41791-0830		41791-0890		41791-0907		41791-0932	
18	41791-0831		41791-0891		41791-0908		41791-0933	

REV: N1	<u>03-12-23</u> REDRAWN WORDPRO	<u>TITLE:</u> KK 156 HEADER ASSEMBLY FRICTION LOCK VERTICAL BREAKAWAY			<u>SHEET No.</u> - 7 -
<u>DOCUMENT NUMBER:</u> SDA- 41791		<u>CREATED / REVISED BY:</u> CSTEWART	<u>CHECKED BY:</u> SAMIEC	<u>APPROVED BY:</u> MARGULIS	

