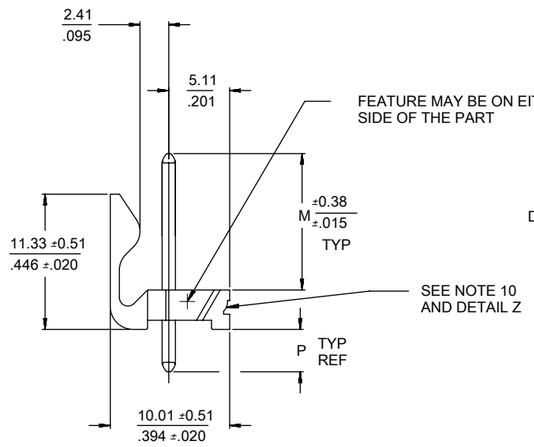
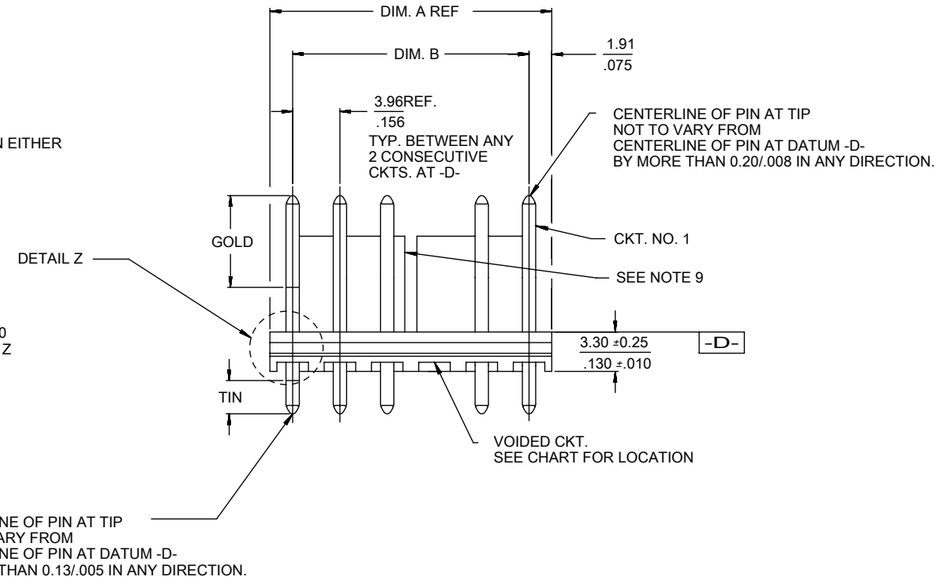
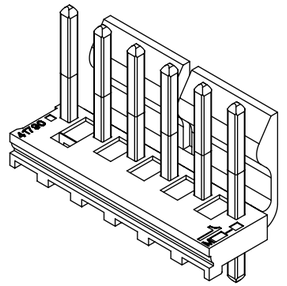
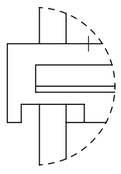


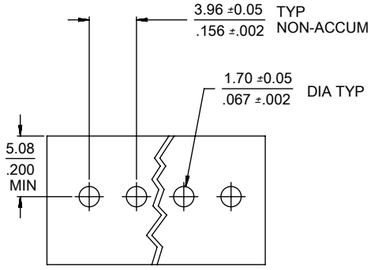




CKT	DIM. A	DIM. B	SLOT LOC BETWEEN CKTS
2	7.77 .306	3.96 ±0.05 .156 ±.002	NONE
3	11.73 .462	7.92 ±0.08 .312 ±.003	NONE
4	15.70 .618	11.89 ±0.08 .468 ±.003	NONE
5	19.66 .774	15.85 ±0.10 .624 ±.004	NONE
6	23.62 .930	19.81 ±0.10 .780 ±.004	3 & 4
7	27.58 1.086	23.77 ±0.10 .936 ±.004	4 & 5
8	31.55 1.242	27.74 ±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



DETAIL Z
SCALE 4:1



RECOMMENDED P.C.BOARD LAYOUT

NOTES:
1. MATERIAL: HEADER-GLASS FILLED POLYESTER, 94V-0, MOLDED NATURAL (WHITE).
2. FINISH:
   (154-TIN) OVERALL TIN: 0.00254/.000100 MIN.
   OVER 0.00127/.000050 MIN NICKEL.
   (197-TIN) OVERALL REFLOWED MATTE TIN: 0.00152/.000060 MIN.
   OVER 0.00127/.000050 MIN. NICKEL OVERALL.
   (222-TIN) OVERALL MATTE TIN: 0.00254/.000100 MIN.
   OVER 0.00127/.000050 MIN NICKEL.
   (208-15 GOLD) SELECT GOLD: 0.00038/.000015 MIN, SELECT TIN: 0.00254/.000100 MIN,
   OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.
   (228-30 GOLD) SELECT GOLD: 0.00076/.000030 MIN, SELECT TIN: 0.00254/.000100 MIN,
   OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.
   (241-20 GOLD) 0.00051/.000020 MIN.
   SELECT TIN: 0.00254/.000100 MIN.
   OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.
3. PRODUCT SPECIFICATION AND PROCESS PARAMETERS: SEE PS-08-50.
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".

QUALITY SYMBOLS	
EA	= 0
EC	= 0
ED	= 0
	= 0
C	= 0
	= 0
	= 0
D	= 0

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

ADD PART #'S
EC NO: 108539 2016/09/16
DRWN: CSLAFTER 2017/01/18
CHK'D: MKIPPER 2017/01/24
APPR: FSMITH

REV: R1

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

ANGULAR TOL ±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION UNITS: MM/IN
SCALE: 2:1
DRWN BY: JSCHAFER DATE: 2003/11/07
CHK'D BY: KSAMIEC DATE: 2003/11/07
APPR BY: MARGULIS DATE: 2003/11/07
DRAWING SIZE: B
THIRD ANGLE PROJECTION

molex®

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

PRODUCT CUSTOMER DRAWING

SERIES	MATERIAL NUMBER	CUSTOMER
41791	SEE CHART	GENERAL MARKET

DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
SDA-41791	PSD	000	1 OF *

RELEASE STATUS		RELEASE DATE	

FORMAT: Eng-lega-master-tb-prod-B
REVISION: C
DATE: 2016/04/04

OPTIONS								
	Group	A-41791-0002/0018	Group	A-41791-0019/0035	Group	A-41791-0036/0052	Group	A-41791-0059/0074
	Header No:	41790-0002/0018	Header No:	41790-0002/0018	Header No:	41790-0002/0018	Header No:	41790-0002/0018
	Pin No:	43294-0214	Pin No:	43294-0215	Pin No:	43294-0214	Pin No:	43294-0214
	Plating:	197 – TIN	Plating:	241 – GOLD	Plating:	197 – TIN	Plating:	197 – 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	N/A	Gold Loc G	6.85/ .270	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	OVERALL	Tin Loc T	4.06/ .160	Tin Loc T	OVERALL	Tin Loc T	OVERALL
	Voided Ckts	NONE	Voided Ckts	NONE	Voided Ckts	2	Voided Ckts	3
	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	26-60-4020	A-41791-0002	26-61-4020	A-41791-0019	26-62-4020	A-41791-0036		
3	26-60-4030	A-41791-0003	26-61-4030	A-41791-0020	26-62-4030	A-41791-0037	26-62-4036	A-41791-0059
4	26-60-4040	A-41791-0004	26-61-4040	A-41791-0021	26-62-4040	A-41791-0038	26-62-4046	A-41791-0060
5	26-60-4050	A-41791-0005	26-61-4050	A-41791-0022	26-62-4050	A-41791-0039	26-62-4056	A-41791-0061
6	26-60-4060	A-41791-0006	26-61-4060	A-41791-0023	26-62-4060	A-41791-0040	26-62-4066	A-41791-0062
7	26-60-4070	A-41791-0007	26-61-4070	A-41791-0024	26-62-4070	A-41791-0041	26-62-4076	A-41791-0063
8	26-60-4080	A-41791-0008	26-61-4080	A-41791-0025	26-62-4080	A-41791-0042	26-62-4086	A-41791-0064
9	26-60-4090	A-41791-0009	26-61-4090	A-41791-0026	26-62-4090	A-41791-0043	26-62-4096	A-41791-0065
10	26-60-4100	A-41791-0010	26-61-4100	A-41791-0027	26-62-4100	A-41791-0044	26-62-4106	A-41791-0066
11	26-60-4110	A-41791-0011	26-61-4110	A-41791-0028	26-62-4110	A-41791-0045	26-62-4116	A-41791-0067
12	26-60-4120	A-41791-0012	26-61-4120	A-41791-0029	26-62-4120	A-41791-0046	26-62-4126	A-41791-0068
13	26-60-4130	A-41791-0013	26-61-4130	A-41791-0030	26-62-4130	A-41791-0047	26-62-4136	A-41791-0069
14	26-60-4140	A-41791-0014	26-61-4140	A-41791-0031	26-62-4140	A-41791-0048	26-62-4146	A-41791-0070
15	26-60-4150	A-41791-0015	26-61-4150	A-41791-0032	26-62-4150	A-41791-0049	26-62-4156	A-41791-0071
16	26-60-4160	A-41791-0016	26-61-4160	A-41791-0033	26-62-4160	A-41791-0050	26-62-4166	A-41791-0072
17	26-60-4170	A-41791-0017	26-61-4170	A-41791-0034	26-62-4170	A-41791-0051	26-62-4176	A-41791-0073
18	26-60-4180	A-41791-0018	26-61-4180	A-41791-0035	26-62-4180	A-41791-0052	26-62-4186	A-41791-0074

REV:	ECM INFORMATION	TITLE:	SHEET No.
R1	ECM NO.: **108539** DATE: **1/24/2017**	**KK 156 HEADER ASSEMBLY FRICTION LOCK VERTICAL SOLID BODY W/O PEGS**	**- 2 -**

DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SDA- 41791	**CSLAFTER**	**MKIPPER**	**FSMITH**

OPTIONS								
	Group	A-41791-0086/0100	Group	A-41791-0309/0308	Group	A-41791-0464/0480	Group	A-41791-0481/0491
	Header No:	41790-0002/0018	Header No:	41790-0002/0018	Header No:	41790-0002/0018	Header No:	41790-0002/0012
	Pin No:	43294-0214	Pin No:	43294-0215	Pin No:	43294-0240	Pin No:	43294-0355
	Plating:	197 – TIN	Plating:	241 – GOLD	Plating:	197 – TIN	Plating:	154 – TIN
	Pin Length L	18.29 / .720	Pin Length L	18.29 / .720	Pin Length L	19.05 / .750	Pin Length L	22.35 / .880
	Mating M	11.43 / .450	Mating M	11.43 / .450	Mating M	11.43 / .450	Mating M	11.56 / .455
	Gold Loc G	N/A	Gold Loc G	6.85/ .270	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	4.32 / .170	PC Tail P	7.49 / .295
	Tin Loc T	OVERALL	Tin Loc T	4.06/ .160	Tin Loc T	OVERALL	Tin Loc T	OVERALL
	Voided Ckts	2, 4	Voided Ckts	2	Voided Ckts	NONE	Voided Ckts	NONE
	Pack Per	PK-41791-001	Pack Per	PK-41791-001	Pack Per	PK-41791-001	Pack Per	PK-41791-002

Ckts	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number
2					26-60-4023	A-41791-0464	41791-0481	A-41791-0481
3			26-63-4031	A-41791-0310	26-60-4033	A-41791-0465	41791-0482	A-41791-0482
4	26-62-4041	A-41791-0086		A-41791-0311	26-60-4043	A-41791-0466	41791-0483	A-41791-0483
5	26-62-4051	A-41791-0087	26-63-4051	A-41791-0312	26-60-4053	A-41791-0467	41791-0484	A-41791-0484
6	26-62-4061	A-41791-0088	26-63-4061	A-41791-0313	26-60-4063	A-41791-0468	41791-0485	A-41791-0485
7		A-41791-0089	26-63-4071	A-41791-0314	26-60-4073	A-41791-0469	41791-0486	A-41791-0486
8	41791-0090	A-41791-0090		A-41791-0315	26-60-4083	A-41791-0470	41791-0487	A-41791-0487
9		A-41791-0091		A-41791-0316	26-60-4093	A-41791-0471	41791-0488	A-41791-0488
10	26-62-4101	A-41791-0092		A-41791-0317	26-60-4103	A-41791-0472	41791-0489	A-41791-0489
11		A-41791-0093		A-41791-0318	26-60-4113	A-41791-0473	41791-0490	A-41791-0490
12		A-41791-0094		A-41791-0319	26-60-4123	A-41791-0474	41791-0491	A-41791-0491
13		A-41791-0095		A-41791-0320	26-60-4133	A-41791-0475		
14		A-41791-0096		A-41791-0321	26-60-4143	A-41791-0476		
15		A-41791-0097		A-41791-0322	26-60-4153	A-41791-0477		
16		A-41791-0098		A-41791-0323	26-60-4163	A-41791-0478		
17		A-41791-0099		A-41791-0324	26-60-4173	A-41791-0479		
18		A-41791-0100		A-41791-0325	26-60-4183	A-41791-0480		

REV:	ECM INFORMATION	TITLE:	SHEET No.
R1	ECM NO.: **108539** DATE: **1/24/2017**	**KK 156 HEADER ASSEMBLY FRICTION LOCK VERTICAL SOLID BODY W/O PEGS**	**- 3 -**

DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SDA- 41791	**CSLAFTER**	**MKIPPER**	**FSMITH**

OPTIONS												
	Group	A-41791-0583/0597	Group	A-41791-0598/0609	Group	A-41791-0638/0653	Group	A-41791-0773/0785				
	Header No:	41790-0002/0018	Header No:	41790-0002/0018	Header No:	41790-0002/0018	Header No:	41790-0006/0018				
	Pin No:	43294-0214	Pin No:	43294-0214	Pin No:	43294-0215	Pin No:	43294-0214				
	Plating:	197 – TIN	Plating:	197 – TIN	Plating:	241 – GOLD	Plating:	197-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	N/A	Gold Loc G	N/A	Gold Loc G	6.85/ .270	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	OVERALL	Tin Loc T	OVERALL	Tin Loc T	4.06/ .160	Tin Loc T	OVERALL				
	Voided Ckts	4	Voided Ckts	7	Voided Ckts	3	Voided Ckts	3, 6				
	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	Item Number
2							
3					26-63-4032	A-41791-0638	
4	27-62-4049	A-41791-0583			41791-0639	A-41791-0639	
5	27-62-4059	A-41791-0584			26-63-4052	A-41791-0640	
6	27-62-4069	A-41791-0585			26-63-4062	A-41791-0641	
7	27-62-4079	A-41791-0586	41791-0598	A-41791-0598	41791-0642	A-41791-0642	41791-0774
8	27-62-4089	A-41791-0587	41791-0599	A-41791-0599	26-63-4082	A-41791-0643	
9	27-62-4099	A-41791-0588	27-66-4090	A-41791-0600	41791-0644	A-41791-0644	
10	27-62-4109	A-41791-0589	41791-0601	A-41791-0601	41791-0645	A-41791-0645	
11	27-62-4119	A-41791-0590	41791-0602	A-41791-0602	41791-0646	A-41791-0646	
12	27-62-4129	A-41791-0591	41791-0603	A-41791-0603	41791-0647	A-41791-0647	
13	27-62-4139	A-41791-0592	41791-0604	A-41791-0604	41791-0648	A-41791-0648	
14	27-62-4149	A-41791-0593	41791-0605	A-41791-0605	41791-0649	A-41791-0649	
15	27-62-4159	A-41791-0594	41791-0606	A-41791-0606	41791-0650	A-41791-0650	
16	27-62-4169	A-41791-0595	41791-0607	A-41791-0607	41791-0651	A-41791-0651	
17	27-62-4179	A-41791-0596	41791-0608	A-41791-0608	41791-0652	A-41791-0652	
18	27-62-4189	A-41791-0597	41791-0609	A-41791-0609	41791-0653	A-41791-0653	

REV:	ECM INFORMATION	TITLE:	SHEET No.
R1	ECM NO.: **108539** DATE: **1/24/2017**	**KK 156 HEADER ASSEMBLY FRICTION LOCK VERTICAL SOLID BODY W/O PEGS**	**- 4 -**

DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SDA- 41791	**CSLAFTER**	**MKIPPER**	**FSMITH**

OPTIONS								
	Group	A-41791-0815/0831	Group	A-41791-0832/0848	Group	A-41791-0849/0865	Group	A-41791-0883/0891
	Header No:	41790-0002/0018	Header No:	41790-0002/0018	Header No:	41790-0002/0018	Header No:	41790-0010/0018
	Pin No:	43294-0661	Pin No:	43294-0209	Pin No:	43294-0210	Pin No:	43294-0214
	Plating:	197 – TIN	Plating:	208 – 15 GOLD	Plating:	228 – 30 GOLD	Plating:	197 – TIN
	Pin Length L	30.48 / 1.200	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	N/A	Gold Loc G	6.86/. 270	Gold Loc G	6.86/. 270	Gold Loc G	N/A
	PC Tail P	15.75/ .620	PC Tail P	3.56/. 140	PC Tail P	3.56/. 140	PC Tail P	3.56 / .140
	Tin Loc T	OVERALL	Tin Loc T	4.06/. 160	Tin Loc T	4.06/. 160	Tin Loc T	OVERALL
	Voided Ckts	NONE	Voided Ckts	NONE	Voided CKts	NONE	Voided Ckts	10
	Pack Per	PK-41791-003	Pack Per	PK-41791-001	Pack Per	PK-41791-001	Pack Per	PK-41791-001

Ckts	Item Number	Material No	Engineer Number	Material No	Engineer Number	Item Number
2	41791-0815	41791-0832	A-41791-0832	41791-0849	A-41791-0849	
3	41791-0816	41791-0833	A-41791-0833	41791-0850	A-41791-0850	
4	41791-0817	41791-0834	A-41791-0834	41791-0851	A-41791-0851	
5	41791-0818	41791-0835	A-41791-0835	41791-0852	A-41791-0852	
6	41791-0819	41791-0836	A-41791-0836	41791-0853	A-41791-0853	
7	41791-0820	41791-0837	A-41791-0837	41791-0854	A-41791-0854	
8	41791-0821	41791-0838	A-41791-0838	41791-0855	A-41791-0855	
9	41791-0822	41791-0839	A-41791-0839	41791-0856	A-41791-0856	
10	41791-0823	41791-0840	A-41791-0840	41791-0857	A-41791-0857	41791-0883
11	41791-0824	41791-0841	A-41791-0841	41791-0858	A-41791-0858	41791-0884
12	41791-0825	41791-0842	A-41791-0842	41791-0859	A-41791-0859	41791-0885
13	41791-0826	41791-0843	A-41791-0843	41791-0860	A-41791-0860	41791-0886
14	41791-0827	41791-0844	A-41791-0844	41791-0861	A-41791-0861	41791-0887
15	41791-0828	41791-0845	A-41791-0845	41791-0862	A-41791-0862	41791-0888
16	41791-0829	41791-0846	A-41791-0846	41791-0863	A-41791-0863	41791-0889
17	41791-0830	41791-0847	A-41791-0847	41791-0864	A-41791-0864	41791-0890
18	41791-0831	41791-0848	A-41791-0848	41791-0865	A-41791-0865	41791-0891

REV:	ECM INFORMATION	TITLE:	SHEET No.
R1	ECM NO.: **108539** DATE: **1/24/2017**	**KK 156 HEADER ASSEMBLY FRICTION LOCK VERTICAL SOLID BODY W/O PEGS**	**- 5 -**

DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SDA- 41791	**CSLAFTER**	**MKIPPER**	**FSMITH**

OPTIONS

Group	A-41791-0892/0908	Group	A-41791-0922/0933	Group	41791-0934/0948	Group	41791-0966/0976
Header No:	41790-0002/0018	Header No:	41790-0007/0018	Header No:	41790-0004/0018	Header No:	41790-0007/0018
Pin No:	43294-0299	Pin No:	43294-0214	Pin No:	43294-0209	Pin No:	43294-0214
Plating:	208 – 15 GOLD	Plating:	197 – TIN	Plating:	208 – 15 GOLD	Plating:	197 – TIN
Pin Length L	20.83 / .820	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	6.83/. 270	Gold Loc G	N/A	Gold Loc G	6.86/ .270	Gold Loc G	N/A
PC Tail P	6.10/ .240	PC Tail P	3.56 / .140	PC Tail P	3.56/. 140	PC Tail P	3.56/. 140
Tin Loc T	6.35/ .250	Tin Loc T	OVERALL	Tin Loc T	4.06/. 160	Tin Loc T	OVERALL
Voided Ckts	NONE	Voided Ckts	5, 7	Voided Ckts	4	Voided Ckts	3, 7, 8
Pack Per	PK-41791-002	Pack Per	PK-41791-001	Pack Per	PK-41791-001	Pack Per	PK-41791-001

Ckts	Item Number	Item Number	Item Number	Item Number
2	41791-0892			
3	41791-0893			
4	41791-0894		41791-0934	
5	41791-0895		41791-0935	
6	41791-0896		41791-0936	
7	41791-0897	41791-0922	41791-0937	
8	41791-0898	41791-0923	41791-0938	41791-0966
9	41791-0899	41791-0924	41791-0939	41791-0967
10	41791-0900	41791-0925	41791-0940	41791-0968
11	41791-0901	41791-0926	41791-0941	41791-0969
12	41791-0902	41791-0927	41791-0942	41791-0970
13	41791-0903	41791-0928	41791-0943	41791-0971
14	41791-0904	41791-0929	41791-0944	41791-0972
15	41791-0905	41791-0930	41791-0945	41791-0973
16	41791-0906	41791-0931	41791-0946	41791-0974
17	41791-0907	41791-0932	41791-0947	41791-0975
18	41791-0908	41791-0933	41791-0948	41791-0976

REV:	ECM INFORMATION	TITLE:	SHEET No.
R1	ECM NO.: **108539** DATE: **1/24/2017**	**KK 156 HEADER ASSEMBLY FRICTION LOCK VERTICAL SOLID BODY W/O PEGS**	**- 6 -**

DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SDA- 41791	**CSLAFTER**	**MKIPPER**	**FSMITH**

OPTIONS

Group	41791-0977/0993	Group	41791-0994/1002	Group	A-41791-1036 / 1048	Group	A-41791-1049/1062
Header No:	41790-0002/0018	Header No:	41790-0010/0018	Header No:	41790-0006 / 0018	Header No:	41790-0005/0018
Pin No:	43294-0345	Pin No:	43294-0209	Pin No:	43294-0214	Pin No:	43294-0214
Plating:	228 – 30 GOLD	Plating:	208 – 15 GOLD	Plating:	197 – TIN	Plating:	197 – TIN
Pin Length L	22.10/. 870	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	10.02/. 400	Gold Loc G	6.86/ .270	Gold Loc G	N/A	Gold Loc G	N/A
PC Tail P	7.37/. 290	PC Tail P	3.56/. 140	PC Tail P	3.56 / .140	PC Tail P	3.56 / .140
Tin Loc T	5.08/. 200	Tin Loc T	4.06/. 160	Tin Loc T	OVERALL	Tin Loc T	OVERALL
Voided Ckts	None	Voided Ckts	3, 4, 5, 8, 9, 10	Voided Ckts	4, 6	Voided Ckts	2, 5
Pack Per	PK-41791-002	Pack Per	PK-41791-001	Pack Per	PK-41791-001	Pack Per	PK-41791-001

Ckts	Item Number	Item Number	Material No	Engineer Number	Item Number
2	41791-0977				
3	41791-0978				
4	41791-0979				
5	41791-0980				
6	41791-0981			A-41791-1036	
7	41791-0982		41791-1037	A-41791-1037	41791-1051
8	41791-0983		41791-1038	A-41791-1038	
9	41791-0984			A-41791-1039	
10	41791-0985	41791-0994		A-41791-1040	
11	41791-0986	41791-0995		A-41791-1041	
12	41791-0987	41791-0996		A-41791-1042	
13	41791-0988	41791-0997		A-41791-1043	
14	41791-0989	41791-0998		A-41791-1044	
15	41791-0990	41791-0999		A-41791-1045	
16	41791-0991	41791-1000		A-41791-1046	
17	41791-0992	41791-1001		A-41791-1047	
18	41791-0993	41791-1002		A-41791-1048	

REV:	ECM INFORMATION	TITLE:	SHEET No.
R1	ECM NO.: **108539** DATE: **1/24/2017**	**KK 156 HEADER ASSEMBLY FRICTION LOCK VERTICAL SOLID BODY W/O PEGS**	**- 7 -**

DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SDA- 41791	**CSLAFTER**	**MKIPPER**	**FSMITH**

OPTIONS								
	Group	A-41791-1063/1071	Group	A-41791-1074/1088	Group	A-41791-1089/1105	Group	A-41791-1107
	Header No:	41790-0010/0018	Header No:	41790-0004/0018	Header No:	41790-0002/0018	Header No:	41790-0006/0018
	Pin No:	43294-0214	Pin No:	43294-0215	Pin No:	43294-0212	Pin No:	43294-0213
	Plating:	197 – TIN	Plating:	241 – GOLD	Plating:	222 – TIN	Plating:	154 – 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	N/A	Gold Loc G	6.85/ .270	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	OVERALL	Tin Loc T	4.06/ .160	Tin Loc T	OVERALL	Tin Loc T	OVERALL
	Voided Ckts	5, 10	Voided Ckts	2, 3, 4	Voided Ckts	NONE	Voided Ckts	6
	Pack Per	PK-41791-001	Pack Per	PK-41791-001	Pack Per	PK-41791-001	Pack Per	PK-41791-001

Ckts	Item Number	Item Number	Item Number	Item Number
2			41791-1089	
3			41791-1090	
4			41791-1091	
5		41791-1075		
6			41791-1093	
7				41791-1107
8			41791-1095	
9			41791-1096	
10			41791-1097	
11	41791-1064		41791-1098	
12			41791-1099	
13				
14				
15				
16			41791-1103	
17				
18			41791-1105	

REV:	ECM INFORMATION	TITLE:	SHEET No.
R1	ECM NO.: **108539** DATE: **1/24/2017**	**KK 156 HEADER ASSEMBLY FRICTION LOCK VERTICAL SOLID BODY W/O PEGS**	**- 8 -**

DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SDA- 41791	**CSLAFTER**	**MKIPPER**	**FSMITH**

OPTIONS

Group	A-41791-1120	Group	A-41791-1134	Group	A-41791-1150	Group	A-41791-1165
Header No:	41790-0006	Header No:	41790-0004	Header No:	41790-0005	Header No:	41790-0006
Pin No:	43294-0213	Pin No:	43294-0213	Pin No:	43294-0210	Pin No:	43294-0239
Plating:	154 – TIN	Plating:	154 – TIN	Plating:	228 – 30 GOLD	Plating:	154 – TIN
Pin Length L	18.29 / .720	Pin Length L	18.29 / .720	Pin Length L	18.29/. 720	Pin Length L	19.05 / .750
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	6.85/. 270	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	4.32 / .170
Tin Loc T	OVERALL	Tin Loc T	OVERALL	Tin Loc T	4.06/. 160	Tin Loc T	OVERALL
Voided Ckts	2, 5	Voided Ckts	2, 3	Voided Ckts	2, 4	Voided Ckts	2, 3, 5
Pack Per	PK-41791-001	Pack Per	PK-41791-001	Pack Per	PK-41791-001	Pack Per	PK-41791-001

Ckts	Item Number	Item Number	Item Number	Item Number
2				
3				
4		41791-1134		
5			41791-1150	
6	41791-1120			41791-1165
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				

REV:	ECM INFORMATION	TITLE:	SHEET No.
R1	ECM NO.: **108539** DATE: **1/24/2017**	**KK 156 HEADER ASSEMBLY FRICTION LOCK VERTICAL SOLID BODY W/O PEGS**	**- 9 -**

DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SDA- 41791	**CSLAFTER**	**MKIPPER**	**FSMITH**

OPTIONS

Group	A-41791-1179	Group	A-41791-1189	Group	A-41791-1203	Group	A-41791-1215
Header No:	41790-0008/0018	Header No:	41790-0006/0018	Header No:	41790-0009/0018	Header No:	41790-0006/0018
Pin No:	43294-0214	Pin No:	43294-0240	Pin No:	43294-0240	Pin No:	43294-0240
Plating:	197 – TIN	Plating:	197 – TIN	Plating:	197 – TIN	Plating:	197 – TIN
Pin Length L	18.29 / .720	Pin Length L	19.05 / .750	Pin Length L	19.05 / .750	Pin Length L	19.05 / .750
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
PC Tail P	3.56 / .140	PC Tail P	4.32 / .170	PC Tail P	4.32 / .170	PC Tail P	4.32 / .170
Tin Loc T	OVERALL	Tin Loc T	OVERALL	Tin Loc T	OVERALL	Tin Loc T	OVERALL
Voided Ckts	2,4,8	Voided Ckts	2,3,4,5	Voided Ckts	4,5,7,9	Voided Ckts	2,4,6
Pack Per	PK-41791-001	Pack Per	PK-41791-001	Pack Per	PK-41791-001	Pack Per	PK-41791-001

Ckts	Item Number	Item Number	Item Number	Item Number
2				
3				
4				
5				
6		41791-1189		
7				
8				
9	41791-1179			41791-1215
10			41791-1203	
11				
12				
13				
14				
15				
16				
17				
18				

REV:	ECM INFORMATION	TITLE:	SHEET No.
R1	ECM NO.: **108539** DATE: **1/24/2017**	**KK 156 HEADER ASSEMBLY FRICTION LOCK VERTICAL SOLID BODY W/O PEGS**	**- 10 -**

DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SDA- 41791	**CSLAFTER**	**MKIPPER**	**FSMITH**

OPTIONS

Group	A-41791-1228	Group	A-41791-1240	Group	A-41791-1256	Group	A-41791-1264/1274
Header No:	41790-0005/0018	Header No:	41790-0007	Header No:	41790-0012	Header No:	41790-0004/0014
Pin No:	43294-0214	Pin No:	43294-0214	Pin No:	43294-0214	Pin No:	43294-0214
Plating:	197 – TIN	Plating:	197 – TIN	Plating:	197 – TIN	Plating:	197 – 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	N/A	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	OVERALL	Tin Loc T	OVERALL	Tin Loc T	OVERALL	Tin Loc T	OVERALL
Voided Ckts	4,5	Voided Ckts	2,3,5,6	Voided Ckts	8	Voided Ckts	2,3
Pack Per	PK-41791-001	Pack Per	PK-41791-001	Pack Per	PK-41791-001	Pack Per	PK-41791-001

Ckts	Item Number	Item Number	Item Number	Item Number
2				
3				
4				41791-1264
5				
6				
7		41791-1240		
8	41791-1228			
9				
10				
11				
12			41791-1256	
13				
14				41791-1274
15				
16				
17				
18				

REV:	ECM INFORMATION	TITLE:	SHEET No.
R1	ECM NO.: **108539** DATE: **1/24/2017**	**KK 156 HEADER ASSEMBLY FRICTION LOCK VERTICAL SOLID BODY W/O PEGS**	**- 11 -**

DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SDA- 41791	**CSLAFTER**	**MKIPPER**	**FSMITH**

OPTIONS

Group	A-41791-1285	Group	A-41791-1307/1316	Group	A-41791-1318	Group	A-41791-1333
Header No:	41790-0017	Header No:	41790-0009/0018	Header No:	41790-0005	Header No:	41790-0007
Pin No:	43294-0214	Pin No:	43294-0214	Pin No:	43294-0214	Pin No:	43294-0214
Plating:	197 – TIN	Plating:	197 – TIN	Plating:	197 – TIN	Plating:	197 – 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	N/A	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	OVERALL	Tin Loc T	OVERALL	Tin Loc T	OVERALL	Tin Loc T	OVERALL
Voided Ckts	11	Voided Ckts	5,9	Voided Ckts	2,3,4	Voided Ckts	3,5,6
Pack Per	PK-41791-001	Pack Per	PK-41791-001	Pack Per	PK-41791-001	Pack Per	PK-41791-001

Ckts	Item Number	Item Number	Item Number	Item Number
2				
3				
4				
5			41791-1318	
6				
7				41791-1333
8				
9				
10				
11				
12				
13				
14		41791-1312		
15				
16				
17	41791-1285			
18				

REV:	ECM INFORMATION	TITLE:	SHEET No.
R1	ECM NO.: **108539** DATE: **1/24/2017**	**KK 156 HEADER ASSEMBLY FRICTION LOCK VERTICAL SOLID BODY W/O PEGS**	**- 12 -**

DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SDA- 41791	**CSLAFTER**	**MKIPPER**	**FSMITH**

OPTIONS

Group	A-41791-1350	Group	A-41791-1361	Group		Group	
Header No:	41790-0011	Header No:	41790-0011	Header No:		Header No:	
Pin No:	43294-0214	Pin No:	43294-0214	Pin No:		Pin No:	
Plating:	197-TIN	Plating:	197-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	6,10	Voided Ckts	8,10	Voided Ckts		Voided Ckts	
Pack Per	PK-41791-001	Pack Per	PK-41791-001	Pack Per		Pack Per	

Ckts	Item Number	Item Number	Item Number	Item Number
2				
3				
4				
5				
6				
7				
8				
9				
10				
11	41791-1350	41791-1361		
12				
13				
14				
15				
16				
17				
18				

REV:	ECM INFORMATION	TITLE:	SHEET No.
R1	ECM NO.: **108539** DATE: **1/24/2017**	**KK 156 HEADER ASSEMBLY FRICTION LOCK VERTICAL SOLID BODY W/O PEGS**	**- 13 -**

DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SDA- 41791	**CSLAFTER**	**MKIPPER**	**FSMITH**

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