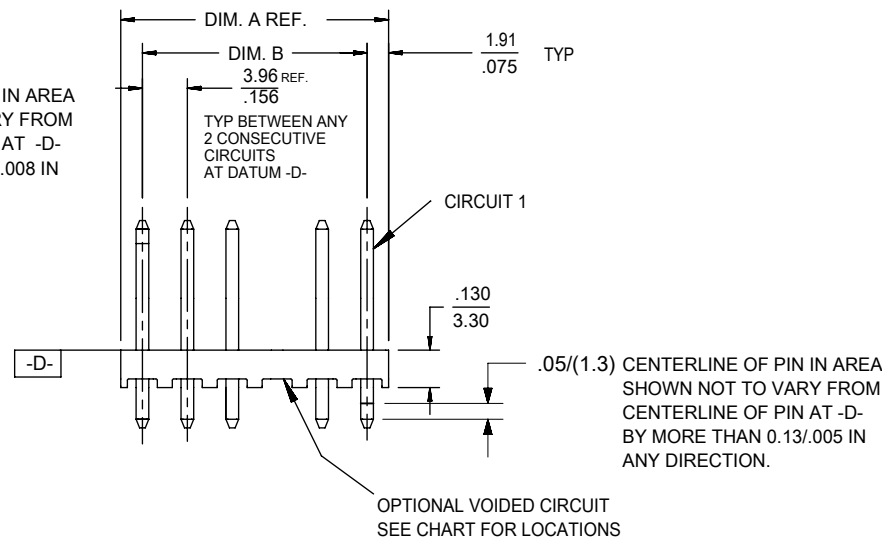
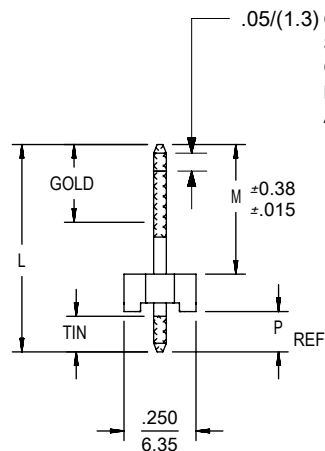
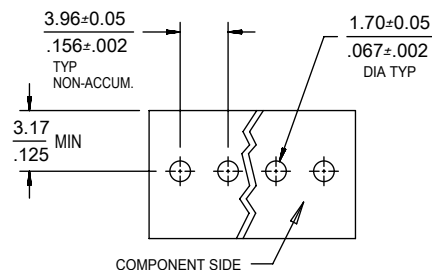


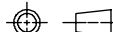


NOTES:

1. MATERIAL: HEADER-GLASS FILLED POLYESTER, 94V-0, MOLDED NATURAL (WHITE).
2. FINISH: (197) OVERALL REFLOWED MATTE TIN: 0.00152/.000060 MIN.
OVER 0.00127/.000050 MIN. NICKEL OVERALL
(222) OVERALL MATTE TIN: 0.00254/.000100 MIN TIN
OVER 0.00127/.000050 MIN NICKEL.
(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 & PS-40-02.
4. PACKAGING INFORMATION: SEE CHARTS
5. SOLDERABILITY: PER SMES-152.
6. PIN PUSH-OUT FORCE: 3 LB MIN PRIOR TO SOLDERING
7. PARTS ARE STACKABLE END TO END ON 3.96/.156 CENTERS.
8. FOR PARTS WITH PEGS, SEE DWG.NO. SDA-42491.
9. PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.



RECOMMENDED PC BOARD HOLE LAYOUT

QUALITY SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																
▽ = 0 ▽ = 0 ▽ = 0 ▼ = 0 ▽ = 0 ⊠ = 0 ■ = 0 ▽ = 0		CORRECT PINS EC NO: 115161 DRWN: CSLAFTER CHK'D: MKIPPER APPR: FSMITH		GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><td></td><td>MM</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>±</td><td>±</td></tr><tr><td>3 PLACES</td><td>±</td><td>± 0.01</td></tr><tr><td>2 PLACES</td><td>± 0.25</td><td>± 0.015</td></tr><tr><td>1 PLACES</td><td>± 0.38</td><td>±</td></tr><tr><td>0 PLACES</td><td>±</td><td>±</td></tr></table>				MM	INCH	4 PLACES	±	±	3 PLACES	±	± 0.01	2 PLACES	± 0.25	± 0.015	1 PLACES	± 0.38	±	0 PLACES	±	±	DIMENSION UNITS MM/IN		SCALE 2:1		molex® KK .156 HEADER ASSY FLAT VERT W/O PEGS					
	MM						INCH																											
4 PLACES	±						±																											
3 PLACES	±						± 0.01																											
2 PLACES	± 0.25						± 0.015																											
1 PLACES	± 0.38						±																											
0 PLACES	±	±																																
DRWN BY JSCHAFFER				DATE 2003/11/03																														
CHK'D BY SAMIEC				DATE 2004/03/24		PRODUCT CUSTOMER DRAWING																												
APPR BY MARGULIS				DATE 2004/03/24																														
DRAWING SIZE A		THIRD ANGLE PROJECTION 		SERIES 41771								MATERIAL NUMBER SEE CHART		CUSTOMER GENERAL MARKET																				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		K1		REV		DOCUMENT NUMBER SD-41771-001		DOC TYPE PSD		DOC PART 000		SHEET NUMBER 1 OF *																						

OPTIONS	Group	A-41771-0002/0016	Group	A-41771-0899/0913	Group	A-41771-0916/0930	Group	A-41771-0036/0050
	Header No:	41770-0002/0016	Header No:	41770-0002/0016	Header No:	41770-0002/0016	Header No:	41770-0002/0016
	Pin No:	43294-0214	Pin No:	43294-0209	Pin No:	43294-0210	Pin No:	43294-0419
	Plating:	197 – TIN	Plating:	208 - GOLD	Plating:	228 – 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	23.88 / .940
	Mating M	11.43 / .450	Mating M	11.43 / .450	Mating M	11.43 / .450	Mating M	16.97 / .668
	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	3.56 / .140	PC Tail P	3.56 / .140	PC Tail P	3.56 / .140	PC Tail P	3.61 / .142
	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	NONE
	Pack Per	417710000-PK	Pack Per	417710000-PK	Pack Per	417710000-PK	Pack Per	417710000-PK
Ckts	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number
2	26-60-2020	A-41771-0002	41771-0899	A-41771-0899	41771-0916	A-41771-0916	26-60-2021	A-41771-0036
3	26-60-2030	A-41771-0003	41771-0900	A-41771-0900	41771-0917	A-41771-0917	26-60-2031	A-41771-0037
4	26-60-2040	A-41771-0004	41771-0901	A-41771-0901	41771-0918	A-41771-0918	26-60-2041	A-41771-0038
5	26-60-2050	A-41771-0005	41771-0902	A-41771-0902	41771-0919	A-41771-0919	26-60-2051	A-41771-0039
6	26-60-2060	A-41771-0006	41771-0903	A-41771-0903	41771-0920	A-41771-0920	26-60-2061	A-41771-0040
7	26-60-2070	A-41771-0007	41771-0904	A-41771-0904	41771-0921	A-41771-0921	26-60-2071	A-41771-0041
8	26-60-2080	A-41771-0008	41771-0905	A-41771-0905	41771-0922	A-41771-0922	26-60-2081	A-41771-0042
9	26-60-2090	A-41771-0009	41771-0906	A-41771-0906	41771-0923	A-41771-0923	26-60-2091	A-41771-0043
10	26-60-2100	A-41771-0010	41771-0907	A-41771-0907	41771-0924	A-41771-0924	26-60-2101	A-41771-0044
11	26-60-2110	A-41771-0011	41771-0908	A-41771-0908	41771-0925	A-41771-0925	26-60-2111	A-41771-0045
12	26-60-2120	A-41771-0012	41771-0909	A-41771-0909	41771-0926	A-41771-0926	26-60-2121	A-41771-0046
13	26-60-2130	A-41771-0013	41771-0910	A-41771-0910	41771-0927	A-41771-0927	26-60-2131	A-41771-0047
14	26-60-2140	A-41771-0014	41771-0911	A-41771-0911	41771-0928	A-41771-0928	26-60-2141	A-41771-0048
15	26-60-2150	A-41771-0015	41771-0912	A-41771-0912	41771-0929	A-41771-0929	26-60-2151	A-41771-0049
16	26-60-2160	A-41771-0016	41771-0913	A-41771-0913	41771-0930	A-41771-0930	26-60-2161	A-41771-0050

REV:	<u>ECM NFORMATION:</u>		<u>TITLE:</u>			<u>SHEET No.</u>
K1	ECM No.: 115161		KK 156 HEADER ASSY FLAT VERT W/O PEGS			- 2 -
	DATE: 4/5/2017					
<u>DOCUMENT NUMBER:</u>	<u>DOC TYPE:</u>	<u>DOC PART:</u>	<u>CREATED / REVISED BY:</u>	<u>CHECKED BY:</u>	<u>APPROVED BY:</u>	
SD- 41771-001	PSD	002	CSLAFTER	MKIPPER	FSMITH	

	Group	A-41771-0933/0947	Group	A-41771-0950/0964	Group	A-41771-0019/0033	Group	A-41771-0053/0067
	Header No:	41770-0002/0016	Header No:	41770-0002/0016	Header No:	41770-0002/0016	Header No:	41770-0002/0016
	Pin No:	43294-0416	Pin No:	43294-0417	Pin No:	43294-0215	Pin No:	43294-0420
	Plating:	208 – GOLD	Plating:	228 – GOLD	Plating:	241 – GOLD	Plating:	241 – GOLD
	Pin Length L	23.88 / .940	Pin Length L	23.88 / .940	Pin Length L	18.29 / .720	Pin Length L	23.88 / .940
	Mating M	16.89 / .665	Mating M	16.89 / .665	Mating M	11.43 / .450	Mating M	16.97 / .668
	Gold Loc G	8.89 / .350	Gold Loc G	8.89 / .350	Gold Loc G	6.85/ .270	Gold Loc G	8.89/ .350
	PC Tail P	3.68 / .145	PC Tail P	3.68 / .145	PC Tail P	3.56 / .140	PC Tail P	3.61 / .142
	Tin Loc T	4.06 / .160	Tin Loc T	4.06 / .160	Tin Loc T	4.06/ .160	Tin Loc T	4.06/ .160
	Voided Ckts	NONE	Voided Ckts	NONE	Voided Ckts	NONE	Voided Ckts	NONE
	Pack Per	417710000-PK	Pack Per	417710000-PK	Pack Per	417710000-PK	Pack Per	417710000-PK
Ckts	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number
2	41771-0933	A-41771-0933	41771-0950	A-41771-0950	26-61-2020	A-41771-0019	26-61-2021	A-41771-0053
3	41771-0934	A-41771-0934	41771-0951	A-41771-0951	26-61-2030	A-41771-0020	26-61-2031	A-41771-0054
4	41771-0935	A-41771-0935	41771-0952	A-41771-0952	26-61-2040	A-41771-0021	26-61-2041	A-41771-0055
5	41771-0936	A-41771-0936	41771-0953	A-41771-0953	26-61-2050	A-41771-0022	26-61-2051	A-41771-0056
6	41771-0937	A-41771-0937	41771-0954	A-41771-0954	26-61-2060	A-41771-0023	26-61-2061	A-41771-0057
7	41771-0938	A-41771-0938	41771-0955	A-41771-0955	26-61-2070	A-41771-0024	26-61-2071	A-41771-0058
8	41771-0939	A-41771-0939	41771-0956	A-41771-0956	26-61-2080	A-41771-0025	26-61-2081	A-41771-0059
9	41771-0940	A-41771-0940	41771-0957	A-41771-0957	26-61-2090	A-41771-0026	26-61-2091	A-41771-0060
10	41771-0941	A-41771-0941	41771-0958	A-41771-0958	26-61-2100	A-41771-0027	26-61-2101	A-41771-0061
11	41771-0942	A-41771-0942	41771-0959	A-41771-0959	26-61-2110	A-41771-0028	26-61-2111	A-41771-0062
12	41771-0943	A-41771-0943	41771-0960	A-41771-0960	26-61-2120	A-41771-0029	26-61-2121	A-41771-0063
13	41771-0944	A-41771-0944	41771-0961	A-41771-0961	26-61-2130	A-41771-0030	26-61-2131	A-41771-0064
14	41771-0945	A-41771-0945	41771-0962	A-41771-0962	26-61-2140	A-41771-0031	26-61-2141	A-41771-0065
15	41771-0946	A-41771-0946	41771-0963	A-41771-0963	26-61-2150	A-41771-0032	26-61-2151	A-41771-0066
16	41771-0947	A-41771-0947	41771-0964	A-41771-0964	26-61-2160	A-41771-0033	26-61-2161	A-41771-0067

REV:	<u>ECM NFORMATION:</u>		<u>TITLE:</u>			<u>SHEET No.</u>
K1	ECM No.: 115161		KK 156 HEADER ASSY FLAT VERT W/O PEGS			- 3 -
	DATE: 4/5/2017					
<u>DOCUMENT NUMBER:</u>	<u>DOC TYPE:</u>	<u>DOC PART:</u>	<u>CREATED / REVISED BY:</u>	<u>CHECKED BY:</u>	<u>APPROVED BY:</u>	
SD- 41771-001	PSD	002	CSLAFTER	MKIPPER	FSMITH	

	Group	A-41771-0115/0129
	Header No:	41770-0002/0016
	Pin No:	43294-0214
	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	417710000-PK
	CKTS	Material No
2	26-62-2020	A-41771-0115
3	26-62-2030	A-41771-0116
4	26-62-2040	A-41771-0117
5	26-62-2050	A-41771-0118
6	26-62-2060	A-41771-0119
7	26-62-2070	A-41771-0120
8	26-62-2080	A-41771-0121
9	26-62-2090	A-41771-0122
10	26-62-2100	A-41771-0123
11	26-62-2110	A-41771-0124
12	26-62-2120	A-41771-0125
13	26-62-2130	A-41771-0126
14	26-62-2140	A-41771-0127
15	26-62-2150	A-41771-0128
16	26-62-2160	A-41771-0129

Group	A-41771-0195/0209
Header No:	41770-0002/0016
Pin No:	43294-1003
Plating:	197 – TIN
Pin Length L	39.62 / 1.560
Mating M	32.97 / 1.298
Gold Loc G	N/A
PC Tail P	3.35 / .132
Tin Loc T	OVERALL
Voided Ckts	NONE
Pack Per	417710000-PK
Material No	Engineer Number
26-60-2023	A-41771-0195
26-60-2033	A-41771-0196
26-60-2043	A-41771-0197
26-60-2053	A-41771-0198
26-60-2063	A-41771-0199
26-60-2073	A-41771-0200
26-60-2083	A-41771-0201
26-60-2093	A-41771-0202
26-60-2103	A-41771-0203
26-60-2113	A-41771-0204
26-60-2123	A-41771-0205
26-60-2133	A-41771-0206
26-60-2143	A-41771-0207
26-60-2153	A-41771-0208
26-60-2163	A-41771-0209

Group	A-41771-0212/0226
Header No:	41770-0002/0016
Pin No:	43294-0400
Plating:	197 – TIN
Pin Length L	23.37 / .920
Mating M	16.31/ .642
Gold Loc G	N/A
PC Tail P	3.76 / .148
Tin Loc T	OVERALL
Voided Ckts	NONE
Pack Per	417710000-PK
Material No	Engineer Number
27-60-2021	A-41771-0212
	A-41771-0213
	A-41771-0214
	A-41771-0215
	A-41771-0216
27-60-2071	A-41771-0217
27-60-2081	A-41771-0218
	A-41771-0219
27-60-2101	A-41771-0220
	A-41771-0221
27-60-2121	A-41771-0222
	A-41771-0223
	A-41771-0224
	A-41771-0225
	A-41771-0226

Group	A-41771-0229/0243
Header No:	41770-0002/0016
Pin No:	43294-0598
Plating:	197 – TIN
Pin Length L	28.70 / 1.130
Mating M	21.56 / .849
Gold Loc G	N/A
PC Tail P	3.84 / .151
Tin Loc T	OVERALL
Voided Ckts	NONE
Pack Per	417710000-PK
Material No	Engineer Number
27-60-2022	A-41771-0229
27-60-2032	A-41771-0230
27-60-2042	A-41771-0231
27-60-2052	A-41771-0232
27-60-2062	A-41771-0233
27-60-2072	A-41771-0234
27-60-2082	A-41771-0235
27-60-2092	A-41771-0236
27-60-2102	A-41771-0237
27-60-2112	A-41771-0238
27-60-2122	A-41771-0239
27-60-2132	A-41771-0240
27-60-2142	A-41771-0241
27-60-2152	A-41771-0242
27-60-2162	A-41771-0243

	Group	A-41771-0695/0709	Group	A-41771-0882/0896	Group	A-417710763/0769	Group	A-41771-0772/0778
	Header No:	41770-0002/0016	Header No:	41770-0002/0016	Header No:	41770-0002/0016	Header No:	41770-0002/0016
	Pin No:	43294-0662	Pin No:	43294-0950	Pin No:	43294-0214	Pin No:	43294-0214
	Plating:	241 - GOLD	Plating:	241 – GOLD	Plating:	197 – TIN	Plating:	197 – TIN
	Pin Length L	30.48 / 1.200	Pin Length L	38.10 / 1.500	Pin Length L	18.29 / .720	Pin Length L	18.29 / .720
	Mating M	13.49 / .531	Mating M	31.62 / 1.245	Mating M	11.43 / .450	Mating M	11.43 / .450
	Gold Loc G	6.85/ .270	Gold Loc G	7.62/ .300	Gold Loc G	N/A	Gold Loc G	N/A
	PC Tail P	13.69 / .539	PC Tail P	3.18 / .125	PC Tail P	3.84 / .140	PC Tail P	3.84 / .140
	Tin Loc T	5.08/ .200	Tin Loc T	5.08/ .200	Tin Loc T	OVERALL	Tin Loc T	OVERALL
	Voided Ckts	NONE	Voided Ckts	NONE	Voided Ckts	3, 5, 7, 8, 10	Voided Ckts	3, 10
	Pack Per	417710000-PK	Pack Per	417710000-PK	Pack Per	417710000-PK	Pack Per	417710000-PK
CKTS	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number
2		A-41771-0695	41771-0882	A-41771-0882				
3		A-41771-0696	41771-0883	A-41771-0883				
4		A-41771-0697	41771-0884	A-41771-0884				
5	26-61-2052	A-41771-0698	41771-0885	A-41771-0885				
6		A-41771-0699	41771-0886	A-41771-0886				
7		A-41771-0700	41771-0887	A-41771-0887				
8	26-61-2082	A-41771-0701	41771-0888	A-41771-0888				
9		A-41771-0702	41771-0889	A-41771-0889				
10		A-41771-0703	41771-0890	A-41771-0890		A-41771-0763	27-66-2101	A-41771-0772
11		A-41771-0704	41771-0891	A-41771-0891	27-66-2110	A-41771-0764		A-41771-0773
12		A-41771-0705	41771-0892	A-41771-0892		A-41771-0765		A-41771-0774
13		A-41771-0706	41771-0893	A-41771-0893		A-41771-0766		A-41771-0775
14		A-41771-0707	41771-0894	A-41771-0894		A-41771-0767		A-41771-0776
15		A-41771-0708	41771-0895	A-41771-0895		A-41771-0768		A-41771-0777
16		A-41771-0709	41771-0896	A-41771-0896		A-41771-0769		A-41771-0778

REV:	<u>ECM NFORMATION:</u>		<u>TITLE:</u>			<u>SHEET No.</u>
K1	ECM No.: 115161		KK 156 HEADER ASSY FLAT VERT W/O PEGS			- 5 -
	DATE: 4/5/2017					
<u>DOCUMENT NUMBER:</u>	<u>DOC TYPE:</u>	<u>DOC PART:</u>	<u>CREATED / REVISED BY:</u>	<u>CHECKED BY:</u>	<u>APPROVED BY:</u>	
SD- 41771-001	PSD	002	CSLAFTER	MKIPPER	FSMITH	

	Group	A-41771-0781/0785		Group	A-41771-0972/0986		Group	A-41771-1007		Group	
	Header No:	41770-0002/0016		Header No:	41770-0002/0016		Header No:	41770-0003		Header No:	
	Pin No:	43294-0214		Pin No:	43294-0832		Pin No:	43294-0212		Pin No:	
	Plating:	197 – TIN		Plating:	197 – TIN		Plating:	222 – TIN		Plating:	
	Pin Length L	18.29 / .720		Pin Length L	35.05 / 1.380		Pin Length L	18.29 / .720		Pin Length L	
	Mating M	11.43 / .450		Mating M	15.93 / .627		Mating M	11.43 / .450		Mating M	
	Gold Loc G	N/A		Gold Loc G	NA		Gold Loc G	N/A		Gold Loc G	
	PC Tail P	3.84 / .140		PC Tail P	15.82 / .623		PC Tail P	3.56 / .140		PC Tail P	
	Tin Loc T	OVERALL		Tin Loc T	OVERALL		Tin Loc T	OVERALL		Tin Loc T	
	Voided Ckts	4, 12		Voided Ckts	NONE		Voided Ckts	2		Voided Ckts	
	Pack Per	417710000-PK		Pack Per	417710000-PK		Pack Per	417710000-PK		Pack Per	
CKTS	Material No	Engineer Number		Material No			Material No			Material No	Engineer Number
2				41771-0972							
3				41771-0973			41771-1007				
4				41771-0974							
5				41771-0975							
6				41771-0976							
7				41771-0977							
8				41771-0978							
9				41771-0979							
10				41771-0980							
11				41771-0981							
12	27-66-2122	A-41771-0781		41771-0982							
13		A-41771-0782		41771-0983							
14		A-41771-0783		41771-0984							
15		A-41771-0784		41771-0985							
16		A-41771-0785		41771-0986							

REV: K1	<u>ECM NFORMATION:</u> ECM No.: 115161 DATE: 4/5/2017		<u>TITLE:</u> KK 156 HEADER ASSY FLAT VERT W/O PEGS			<u>SHEET No.</u> - 6 -
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