



CENTERLINE OF PIN AT TIP
NOT TO VARY FROM
CENTERLINE OF PIN AT DATUM -D-
BY MORE THAN .008 IN ANY DIRECTION

RECOMMENDED PC BOARD HOLE LAYOUT

NOTES:

- PRECEDING ENG. NO. IN CHART DESIGNATES STANDARD PRODUCT.
- SOLDERABILITY: WHEN PARTS ARE SOLDERED AT A TEMPERATURE OF 230°C (446°F) FOR 5 SECONDS, EACH SOLDERED SURFACE SHALL BE A MINIMUM OF 95% COVERED WITH A SMOOTH CONTINUOUS ADHERENT COATING. FOR OTHER INFORMATION SEE ES-152.
- PIN PUSH OUT FORCE: PRIOR TO SOLDERING, A 3 POUND MINIMUM FORCE (IN EITHER DIRECTION) SHALL BE REQUIRED TO PUSH THE PIN OUT OF THE HEADER.
- FOR ADDITIONAL INFORMATION AND TESTING PROCEDURES SEE PS-08-50.
- PARTS ARE STACKABLE END TO END ON (3.96)/.156 CENTERS.
- FOR PART WITH PEGS SEE DWG. NO. SDA-42491

MATERIAL: HEADER: GLASS FILLED POLYESTER, 94V-0, MOLDED NATURAL (WHITE).
PIN: BRASS

PLATINGS:
(102) ELECTRO TIN .000450/.000200 OVER .000200/.000100 COPPER
(567) SELECT GOLD 15 M.I. MIN., SELECT TIN/LEAD 100 M.I. MIN., OVER NICKEL
(569) SELECT GOLD 30 M.I. MIN., SELECT TIN/LEAD 100 M.I. MIN., OVER NICKEL
FOR ADDITIONAL INFORMATION SEE SDES-88.

NO. OF CKT'S.	DIM. A	DIM. B
2	(3.96±.05) / .156±.002	(7.77) / .306
3	(7.92±.08) / .312±.003	(11.73) / .462
4	(11.89±.08) / .468±.003	(15.70) / .618
5	(15.85±.10) / .624±.004	(19.66) / .774
6	(19.81±.10) / .780±.004	(23.62) / .930
7	(23.77±.10) / .936±.004	(27.58) / 1.086
8	(27.74±.13) / 1.092±.005	(31.55) / 1.242
9	(31.70±.13) / 1.248±.005	(35.51) / 1.398
10	(35.66±.13) / 1.404±.005	(39.47) / 1.554
11	(39.62±.15) / 1.560±.006	(43.43) / 1.710
12	(43.59±.15) / 1.716±.006	(47.40) / 1.866
13	(47.55±.15) / 1.872±.006	(51.36) / 2.022
14	(51.51±.18) / 2.028±.007	(55.32) / 2.178
15	(55.47±.18) / 2.184±.007	(59.28) / 2.334
16	(59.44±.18) / 2.340±.007	(63.25) / 2.490
17	(63.40±.20) / 2.496±.008	(67.21) / 2.646
18	(67.36±.20) / 2.652±.008	(71.17) / 2.802

9	L6
8	K
7	K
6	L3
5	K
4	K
3	K
2	K
1	L6

DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°		▽ = 0 ◻ = 0 REVERSE ONLY ON CAD SYSTEM	
3 PLACE ± INCH METRIC		TITLE	
2 PLACE ± INCH METRIC		FRICITION LOCK HEADER ASS'Y	
1 PLACE ± INCH METRIC		.156 Q STRT. SQ PINS, W/O PEG	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		41791 SERIES DRAWING	
DRWG. BY: SAMIEC	CHK'D. BY: PATEL	MOLEX INCORPORATED	SHEET NO. DATE
APP'D. BY: LENZ	SCALE: :	LITLLE, ILL. 60532	U.S.A. 1 OF 9 09/09/87
PART NO. DRWG. NO.		SEE CHART SDA-41791	
FILE NAME		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	
LTR.	REVISIONS	LTR.	REVISIONS

13		12		11		10		9		8		7		6		41791		4		3		2		1	
ENG. NO.		HEADER NO.		PIN NO.		PLATING		DIM. L		DIM. X		DIM. G GOLD		DIM. Z		DIM. T TIN		NO OF CKTS		VOID CKTS		PACKAGING			
A-41791-0019/0035		41790-0002/0018		2161-94(501)		501		(18.29) .720		(11.43) .450		()		(3.56) .140		() N/A		2-18				BULK PER PK-41791-001			
A-41791-0036/0052		41790-0002/0018		2161-94(102)		102		(18.29) .720		(11.43) .450		() N/A		(3.56) .140		()		2-18		2		BULK PER PK-41791-001			
A-41791-0059/0074		41790-0002/0018		2161-94(102)		102		(18.29) .720		(11.43) .450		() N/A		(3.56) .140		()		3-18		3		BULK PER PK-41791-001			
A-41791-0086/0100		41790-0002/0018		2161-94(102)		102		(18.29) .720		(11.43) .450		() N/A		(3.56) .140		()		4-18		2,4		BULK PER PK-41791-001			
A-41791-0107/0120		41790-0002/0018		2161-94(102)		102		(18.29) .720		(11.43) .450		() N/A		(3.56) .140		()		5-18		3,5		BULK PER PK-41791-001			
A-41791-0121/0137		41790-0002/0018		2161-94(503)		503		(18.29) .720		(11.43) .450		()		(3.56) .140		() N/A		2-18				BULK PER PK-41791-001			

H																									
G																									
F																									
E																									

A-41791-0019/0035				A-41791-0036/0052				A-41791-0059/0074				A-41791-0086/0100				A-41791-0107/0120				A-41791-0121/0137								
EDP NO.	ENG. NO.	NO OF CKTS		EDP NO.	ENG. NO.	NO OF CKTS		EDP NO.	ENG. NO.	NO OF CKTS		EDP NO.	ENG. NO.	NO OF CKTS		EDP NO.	ENG. NO.	NO OF CKTS		EDP NO.	ENG. NO.	NO OF CKTS		EDP NO.	ENG. NO.	NO OF CKTS		
26-61-4020	A-41791-0019	2		26-62-4020	A-41791-0036	2				2				2				2				2		26-61-4021	A-41791-0121	2		
26-61-4030	A-41791-0020	3		26-62-4030	A-41791-0037	3		26-62-4036	A-41791-0059	3				3				3				3		26-61-4031	A-41791-0122	3		
26-61-4040	A-41791-0021	4		26-62-4040	A-41791-0038	4		26-62-4046	A-41791-0060	4		26-62-4041	A-41791-0086	4				4				4		26-61-4041	A-41791-0123	4		
26-61-4050	A-41791-0022	5		26-62-4050	A-41791-0039	5		26-62-4056	A-41791-0061	5		26-62-4051	A-41791-0087	5				5				5		A-41791-0107	5	26-61-4051	A-41791-0124	5
26-61-4060	A-41791-0023	6		26-62-4060	A-41791-0040	6		26-62-4066	A-41791-0062	6		26-62-4061	A-41791-0088	6		27-62-4066	A-41791-0108	6				6		26-61-4061	A-41791-0125	6		
26-61-4070	A-41791-0024	7		26-62-4070	A-41791-0041	7		26-62-4076	A-41791-0063	7				7				7				7		26-61-4071	A-41791-0126	7		
26-61-4080	A-41791-0025	8		26-62-4080	A-41791-0042	8		26-62-4086	A-41791-0064	8				8		27-62-4086	A-41791-0110	8				8		26-61-4081	A-41791-0127	8		
26-61-4090	A-41791-0026	9		26-62-4090	A-41791-0043	9		26-62-4096	A-41791-0065	9				9				9				9		A-41791-0111	9	26-61-4091	A-41791-0128	9
26-61-4100	A-41791-0027	10		26-62-4100	A-41791-0044	10		26-62-4106	A-41791-0066	10				10				10				10		A-41791-0112	10	26-61-4101	A-41791-0129	10
26-61-4110	A-41791-0028	11		26-62-4110	A-41791-0045	11		26-62-4116	A-41791-0067	11				11				11				11		A-41791-0113	11	26-61-4111	A-41791-0130	11
26-61-4120	A-41791-0029	12		26-62-4120	A-41791-0046	12		26-62-4126	A-41791-0068	12				12				12				12		A-41791-0114	12	26-61-4121	A-41791-0131	12
26-61-4130	A-41791-0030	13		26-62-4130	A-41791-0047	13		26-62-4136	A-41791-0069	13				13				13				13		A-41791-0115	13	26-61-4131	A-41791-0132	13
26-61-4140	A-41791-0031	14		26-62-4140	A-41791-0048	14		26-62-4146	A-41791-0070	14				14				14				14		A-41791-0116	14	26-61-4141	A-41791-0133	14
26-61-4150	A-41791-0032	15		26-62-4150	A-41791-0049	15		26-62-4156	A-41791-0071	15				15				15				15		A-41791-0117	15	26-61-4151	A-41791-0134	15
26-61-4160	A-41791-0033	16		26-62-4160	A-41791-0050	16		26-62-4166	A-41791-0072	16				16				16				16		A-41791-0118	16	26-61-4161	A-41791-0135	16
26-61-4170	A-41791-0034	17		26-62-4170	A-41791-0051	17		26-62-4176	A-41791-0073	17				17				17				17		A-41791-0119	17	26-61-4171	A-41791-0136	17
26-61-4180	A-41791-0035	18		26-62-4180	A-41791-0052	18		26-62-4186	A-41791-0074	18				18				18				18		A-41791-0120	18	26-61-4181	A-41791-0137	18

K		SEE SHEET I	A7	SEE SHEET I	DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES ANGULAR ± 1/2°		▽ = 0 ▽ = 0 REVISE ONLY ON CAD SYSTEM		
I		SEE SHEET I	A5	SEE SHEET I	3 PLACE ± INCH METRIC		TITLE FRICITION LOCK HEADER ASSY 156 Q STRT SQ PINS, W/O PEG 41791 SERIES DWG		
F		SEE SHEET I	A4	SEE SHEET I	2 PLACE ± ±		MOLEX INCORPORATED U.S.A. SHEET NO. 3 DATE 06/22/88		
A31		SEE SHEET I	A2	SEE SHEET I	1 PLACE ± ±		PART NO. SEE CHART DRWG. NO. SD A-41791		
A12		SEE SHEET I	A1	SEE SHEET I	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
A11		SEE SHEET I	5	SEE SHEET I	DRWG. BY: SAMEC CHK'D BY: PATEL		FILE NAME: S41791X3		
A8		SEE SHEET I	4	SEE SHEET I	APP'D. BY: LENZ SCALE: DIV: C SIZE: C				
LTR.		REVISIONS		LTR.		REVISIONS			

13		12		11		10		9		8		7		6		5		4		3		2		1	
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