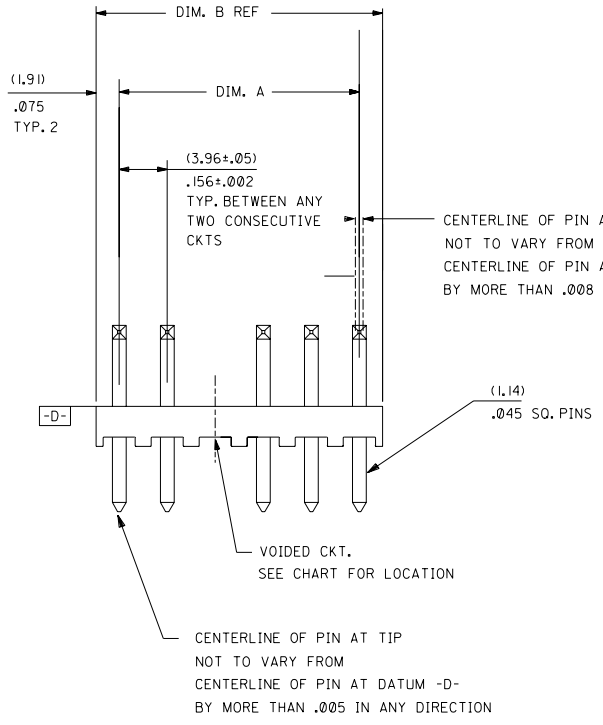
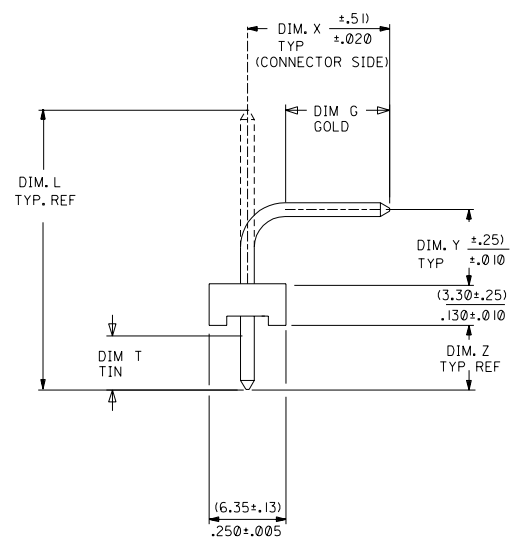


RECOMMENDED PC BOARD HOLE LAYOUT  
FOR CORRECT ORIENTATION OF PARTS WITH  
VOIDS ELIMINATE CORRESPONDING PCB HOLE



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

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 PEG SEE DWG. NO. SDA-42472

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 OVERALL  
(569) SELECT GOLD 30 M.I. MIN SELECT TIN/LEAD 100 M.I. MIN OVER NICKEL OVERALL  
FOR ADDITIONAL INFORMATION SE SDES-88.

FILE NAME	REVISIONS
541772X1	

REL 0588/0604 UCR2002-0752 03/11/02 SAMIEC	HI
REV TO WW SPEC UCR2002-0077 7/25/01 SAMIEC	H
REL 0574/0587 UCR2001-0262 9-19-00 SAMIEC	G3

DIMENSIONS SHOWN (METRIC) INCH  
UNLESS OTHERWISE SPECIFIED  
TOLERANCES: ANGULAR ± 1/2°

3 PLACE ±	INCH	METRIC
2 PLACE ±		
1 PLACE ±		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DRWG. BY: SAMIEC  
CHK'D. BY: PATEL  
APP'D. BY: LENZ  
SCALE: :

TITLE: FLAT HEADER ASS'Y  
.156 C BENT SQ PINS, W/O PEG  
41772 SERIES DRAWING

MOLEX INCORPORATED  
LISLE, ILL. 60532 U.S.A.

SHEET NO. 1 OF 6  
DATE 09/09/87

PART NO. SEE CHART  
DRWG. NO. SDA-41772

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

6	HI
5	H
4	H
3	H
2	H
1	HI

MFG. SH. REV.

	13	12	11	10	9	8	7	6	42772		4	3	2	1
	ENG. NO.	HEADER NO.	PIN NO.	PLATING	DIM. L	DIM. X	DIM. G GOLD	DIM. Y	DIM. Z	DIM. T TIN	DIM. W	NO OF CKTS	VOID CKTS	PACKAGING
J	A-41772-0019/0035	41770-0002/0018	2161-16(501)	501	(25.40) 1.000	(14.86) .585	( ) OVERALL	(4.95 ) .195	(3.56 ) .140	( ) N/A	90°	2-18		BULK PER PK-41772-002
	A-41772-0053/0069	41770-0002/0018	2161-52(501)	501	(27.00) 1.063	(16.51) .650	( ) OVERALL	(4.95 ) .195	(3.51 ) .138	( ) N/A	90°	2-18		BULK PER PK-41772-002
	A-41772-0070/0086	41770-0002/0018	2161-21(102)	102	(28.58) 1.125	(17.60) .693	( ) N/A	(4.98 ) .196	(3.96 ) .156	( ) OVERALL	90°	2-18		BULK PER PK-41772-002
I	A-41772-0155/0171	41770-0002/0018	2161-16(102)	102	(25.40) 1.000	(14.86) .585	( ) N/A	(4.95 ) .195	(3.56 ) .140	( ) OVERALL	90°	2-18	2	BULK PER PK-41772-002
	A-41772-0172/0188	41770-0002/0018	2161-16(122)	122	(25.40) 1.000	(14.86) .585	( ) N/A	(4.95 ) .195	(3.56 ) .140	( ) OVERALL	90°	2-18		BULK PER PK-41772-002
	A-41772-0189/0205	41770-0002/0018	2161-16(122)	122	(25.40) 1.000	(14.43) .568	( ) N/A	(4.98 ) .196	(3.96 ) .156	( ) OVERALL	90°	2-18		BULK PER PK-41772-002

H															H
G															G
F															F
E															E

	A-41772-0019/0035			A-41772-0053/0069			A-41772-0070/0086			A-41772-0155/0171			A-41772-0172/0188			A-41772-0189/0205		
	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
D	26-61-3020	A-41772-0019	2	26-61-3021	A-41772-0053	2	26-60-3026	A-41772-0070	2	26-62-3024	A-41772-0155	2		A-41772-0172	2		A-41772-0189	2
	26-61-3030	A-41772-0020	3	26-61-3031	A-41772-0054	3	26-60-3036	A-41772-0071	3	26-62-3034	A-41772-0156	3		A-41772-0173	3		A-41772-0190	3
	26-61-3040	A-41772-0021	4	26-61-3041	A-41772-0055	4	26-60-3046	A-41772-0072	4	26-62-3044	A-41772-0157	4		A-41772-0174	4		A-41772-0191	4
	26-61-3050	A-41772-0022	5	26-61-3051	A-41772-0056	5	26-60-3056	A-41772-0073	5	26-62-3054	A-41772-0158	5	26-60-3055	A-41772-0175	5		A-41772-0192	5
	26-61-3060	A-41772-0023	6	26-61-3061	A-41772-0057	6	26-60-3066	A-41772-0074	6	26-62-3064	A-41772-0159	6		A-41772-0176	6		A-41772-0193	6
	26-61-3070	A-41772-0024	7	26-61-3071	A-41772-0058	7	26-60-3076	A-41772-0075	7	26-62-3074	A-41772-0160	7		A-41772-0177	7		A-41772-0194	7
	26-61-3080	A-41772-0025	8	26-61-3081	A-41772-0059	8	26-60-3086	A-41772-0076	8	26-62-3084	A-41772-0161	8		A-41772-0178	8		A-41772-0195	8
	26-61-3090	A-41772-0026	9	26-61-3091	A-41772-0060	9	26-60-3096	A-41772-0077	9	26-62-3094	A-41772-0162	9		A-41772-0179	9		A-41772-0196	9
C	26-61-3100	A-41772-0027	10	26-61-3101	A-41772-0061	10	26-60-3106	A-41772-0078	10	26-62-3104	A-41772-0163	10	26-60-3105	A-41772-0180	10	26-60-3104	A-41772-0197	10
	26-61-3110	A-41772-0028	11	26-61-3111	A-41772-0062	11	26-60-3116	A-41772-0079	11	26-62-3114	A-41772-0164	11		A-41772-0181	11		A-41772-0198	11
	26-61-3120	A-41772-0029	12	26-61-3121	A-41772-0063	12	26-60-3126	A-41772-0080	12	26-62-3124	A-41772-0165	12		A-41772-0182	12		A-41772-0199	12
	26-61-3130	A-41772-0030	13	26-61-3131	A-41772-0064	13	26-60-3136	A-41772-0081	13	26-62-3134	A-41772-0166	13		A-41772-0183	13		A-41772-0200	13
	26-61-3140	A-41772-0031	14	26-61-3141	A-41772-0065	14	26-60-3146	A-41772-0082	14	26-62-3144	A-41772-0167	14		A-41772-0184	14		A-41772-0201	14
	26-61-3150	A-41772-0032	15	26-61-3151	A-41772-0066	15	26-60-3156	A-41772-0083	15	26-62-3154	A-41772-0168	15		A-41772-0185	15		A-41772-0202	15
B	26-61-3160	A-41772-0033	16	26-61-3161	A-41772-0067	16	26-60-3166	A-41772-0084	16	26-62-3164	A-41772-0169	16		A-41772-0186	16		A-41772-0203	16
	26-61-3170	A-41772-0034	17	26-61-3171	A-41772-0068	17	26-60-3176	A-41772-0085	17	26-62-3174	A-41772-0170	17		A-41772-0187	17		A-41772-0204	17
	26-61-3180	A-41772-0035	18	26-61-3181	A-41772-0069	18	26-60-3186	A-41772-0086	18	26-62-3184	A-41772-0171	18	26-60-3185	A-41772-0188	18		A-41772-0205	18

SEE SHEET I	H	SEE SHEET I	DIMENSIONS SHOWN (METRIC) INCH	▽ = 0	▼ = 0	REVISE ONLY ON CAD SYSTEM
SEE SHEET I	F	SEE SHEET I	UNLESS OTHERWISE SPECIFIED TOLERANCES ANGULAR ± 1/2°	TITLE		
SEE SHEET I	E	SEE SHEET I	INCH METRIC	FLAT HEADER ASSEMBLY		
SEE SHEET I	D	SEE SHEET I	3 PLACE ± ±	.156 @ SQ BENT PINS, W/O PEG		
SEE SHEET I	A17	SEE SHEET I	2 PLACE ± ±	41772 SERIES DWG		
SEE SHEET I	A14	SEE SHEET I	1 PLACE ± ±	MOLEX INCORPORATED SHEET NO. DATE		
SEE SHEET I	A13	SEE SHEET I	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	115LEJLL 60532 U.S.A. 3 06/26/88		
DRWG. BY: SAMEC	CHK'D. BY: PATEL	SCALE:	FILE NAME: S41772X3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
APP'D. BY: LENZ	SCALE:			DRWG. NO. SDA-41772	DIV. C	SIZE C