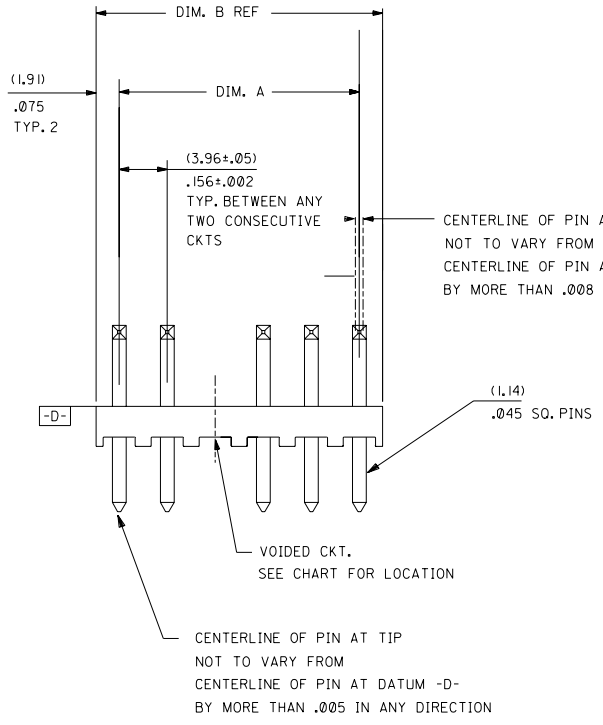
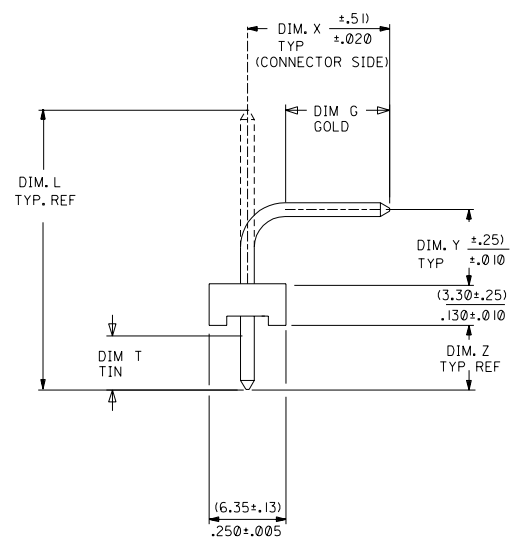


RECOMMENDED PC BOARD HOLE LAYOUT  
FOR CORRECT ORIENTATION OF PARTS WITH  
VOIDS ELIMINATE CORRESPONDING PCB HOLE



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	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  
LITTLE, 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	41772		4	3	2	1
J	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
	A-41772-0206/0222	41770-0002/0018	2161-19(102)	102	(26.13) 1.032	(14.86) .585	( ) N/A	(4.95 ) .195	(4.37 ) .172	( ) OVERALL	90°	2-18		BULK PER PK-41772-002
	A-41772-0291/0307	41770-0002/0018	2161-62(102) *	102	(24.89) .980	(13.54) .533	( ) N/A	(4.93 ) .194	(3.86 ) .152	( ) OVERALL	90°	2-18		BULK PER PK-41772-002
	A-41772-0308/0324	41770-0002/0018	2161-75(102) *	102	(16.94) .667	(5.87 ) .231	( ) N/A	(4.90 ) .193	(3.61 ) .142	( ) OVERALL	90°	2-18		BULK PER PK-41772-002
I	A-41772-0325/0340	41770-0003/0018	2161-16(102)	102	(25.40) 1.000	(14.86) .585	( ) N/A	(4.95 ) .195	(3.56 ) .140	( ) OVERALL	90°	3-18	3	BULK PER PK-41772-002
	A-41772-0341/0352	41770-0007/0018	2161-16(102)	102	(25.40) 1.000	(14.86) .585	( ) N/A	(4.95 ) .195	(3.56 ) .140	( ) OVERALL	90°	7-18	7	BULK PER PK-41772-002
	A-41772-0353/0367	41770-0004/0018	2161-16(102)	102	(25.40) 1.000	(14.86) .585	( ) N/A	(4.95 ) .195	(3.56 ) .140	( ) OVERALL	90°	4-18	4	BULK PER PK-41772-002

H \* ON ASSEMBLIES A-41772-0291 / 0324 THE PIN BEND RADIUS IS TO BE .045 R

A-41772-0206/0222			A-41772-0291/0307			A-41772-0308/0324			A-41772-0325/0340			A-41772-0341/0352			A-41772-0353/0367		
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
	A-41772-0206	2		A-41772-0291	2	26-60-3028	A-41772-0308	2			2			2			2
	A-41772-0207	3		A-41772-0292	3	26-60-3038	A-41772-0309	3		A-41772-0325	3			3			3
	A-41772-0208	4	26-60-3047	A-41772-0293	4	26-60-3048	A-41772-0310	4		A-41772-0326	4			4	A-41772-0353		4
	A-41772-0209	5	26-60-3057	A-41772-0294	5	26-60-3058	A-41772-0311	5		A-41772-0327	5			5	A-41772-0354		5
	A-41772-0210	6	26-60-3067	A-41772-0295	6	26-60-3068	A-41772-0312	6	26-62-3061	A-41772-0328	6			6	A-41772-0355		6
	A-41772-0211	7	26-60-3077	A-41772-0296	7	26-60-3078	A-41772-0313	7		A-41772-0329	7		A-41772-0341	7			7
	26-60-3082	8		A-41772-0297	8	26-60-3088	A-41772-0314	8	26-62-3081	A-41772-0330	8	26-62-3082	A-41772-0342	8	26-62-3083	A-41772-0357	8
	A-41772-0213	9	26-60-3097	A-41772-0298	9	26-60-3098	A-41772-0315	9		A-41772-0331	9		A-41772-0343	9	A-41772-0358		9
	A-41772-0214	10		A-41772-0299	10	26-60-3108	A-41772-0316	10		A-41772-0332	10		A-41772-0344	10	A-41772-0359		10
	A-41772-0215	11		A-41772-0300	11	26-60-3118	A-41772-0317	11		A-41772-0333	11		A-41772-0345	11	A-41772-0360		11
	26-60-3122	12	26-60-3127	A-41772-0301	12	26-60-3128	A-41772-0318	12		A-41772-0334	12		A-41772-0346	12	26-62-3123	A-41772-0361	12
	A-41772-0217	13		A-41772-0302	13	26-60-3138	A-41772-0319	13		A-41772-0335	13		A-41772-0347	13	A-41772-0362		13
	26-60-3142	14		A-41772-0303	14	26-60-3148	A-41772-0320	14		A-41772-0336	14		A-41772-0348	14	A-41772-0363		14
	A-41772-0219	15		A-41772-0304	15	26-60-3158	A-41772-0321	15		A-41772-0337	15	26-62-3152	A-41772-0349	15	A-41772-0364		15
	A-41772-0220	16		A-41772-0305	16	26-60-3168	A-41772-0322	16		A-41772-0338	16		A-41772-0350	16	A-41772-0365		16
	A-41772-0221	17		A-41772-0306	17	26-60-3178	A-41772-0323	17		A-41772-0339	17		A-41772-0351	17	A-41772-0366		17
	A-41772-0222	18		A-41772-0307	18	26-60-3188	A-41772-0324	18		A-41772-0340	18		A-41772-0352	18	A-41772-0367		18

SEE SHEET I	E10	SEE SHEET I	DIMENSIONS SHOWN (METRIC) INCH	▽ = 0	▼ = 0	REVISE ONLY ON CAD SYSTEM
SEE SHEET I	E9	SEE SHEET I	UNLESS OTHERWISE SPECIFIED TOLERANCES ANGULAR ± 1/2°	TITLE		
SEE SHEET I	E8	SEE SHEET I	INCH METRIC	FLAT HEADER ASSEMBLY		
SEE SHEET I	E7	SEE SHEET I	3 PLACE ±	.156 Ø BENT SQ PINS, W/O PEG		
SEE SHEET I	E6	SEE SHEET I	2 PLACE ±	41772 SERIES DWG		
SEE SHEET I	E5	SEE SHEET I	1 PLACE ±	MOLEX INCORPORATED SHEET NO. 4 DATE 06/25/88		
SEE SHEET I	E4	SEE SHEET I	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	PART NO. SEE CHART SDA-41772		
LTR. REVISIONS	LTR. REVISIONS	LTR. REVISIONS	DRWG. BY: SAMEC	CHK'D. BY: PATEL	SCALE:	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.