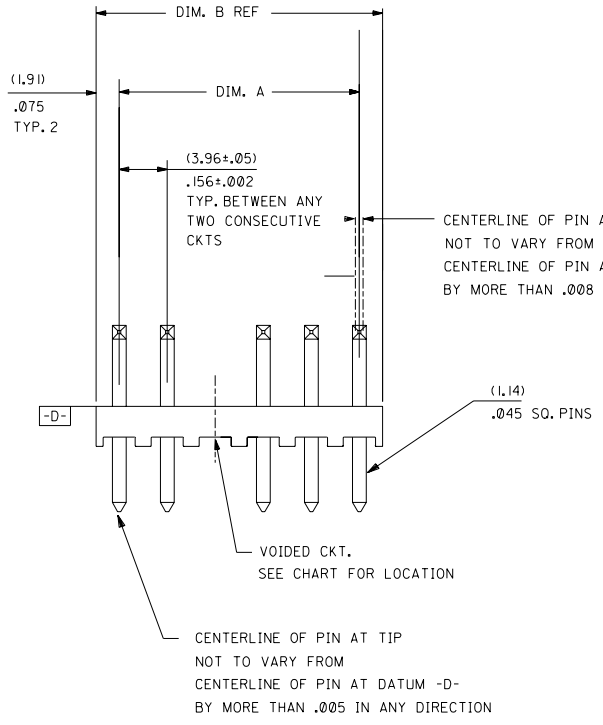
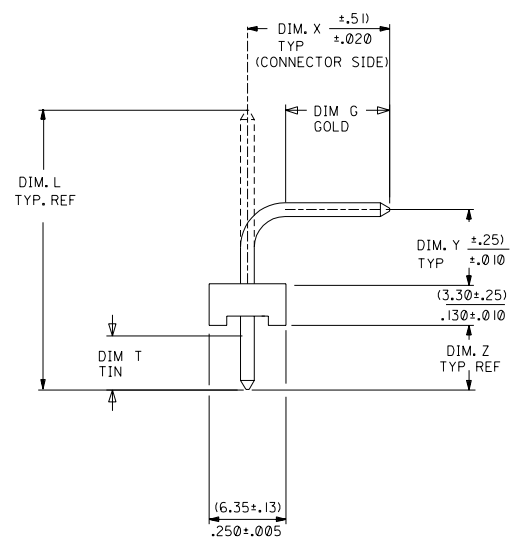


RECOMMENDED PC BOARD HOLE LAYOUT
FOR CORRECT ORIENTATION OF PARTS WITH
VOIDS ELIMINATE CORRESPONDING PCB HOLE



| 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 |
|--|-----------|
| 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 |

| INCH | METRIC |
|-----------|--------|
| 3 PLACE ± | ± |
| 2 PLACE ± | ± |
| 1 PLACE ± | ± |

UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°

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

REVISE ONLY ON CAD SYSTEM

SEE CHART SDA-41772

FILE NAME: S41772X1
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

DRWG. NO. SD A-41772
DIV. C
SIZE C

| MFG. SH. | REV. |
|----------|------|
| 6 | HI |
| 5 | H |
| 4 | H |
| 3 | H |
| 2 | H |
| 1 | HI |

| | 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: SAMEEC | CHK'D. BY: PATEL | SCALE: 1:1 | 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: 1:1 | DRWG. NO. SDA-41772 | DIV: C | SIZE: C | | |