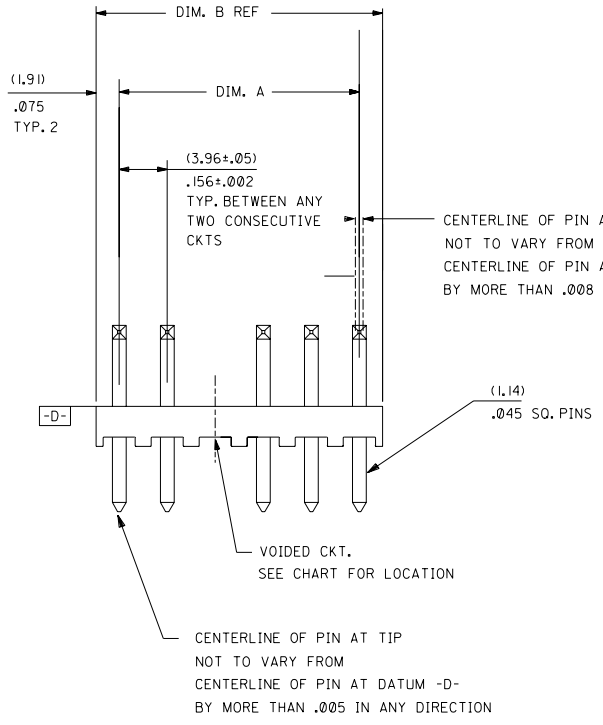
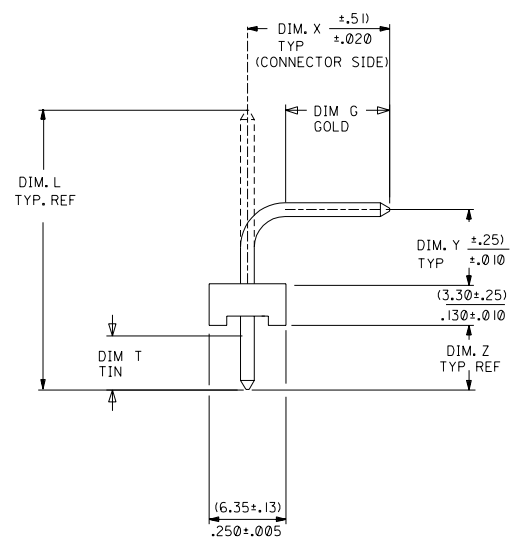


RECOMMENDED PC BOARD HOLE LAYOUT
FOR CORRECT ORIENTATION OF PARTS WITH
VOIDS ELIMINATE CORRESPONDING PCB HOLE



| 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.

| | | | |
|--|------------------|---|--|
| REL 0588/0604 UCR2002-0752 03/11/02 SAMIEC | HI | DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2° | ▽ = 0 ▽ = 0 REVISE ONLY ON CAD SYSTEM |
| REV TO WW SPEC UCR2002-0077 7/25/01 SAMIEC | H | 3 PLACE ± INCH METRIC 2 PLACE ± ± 1 PLACE ± ± | TITLE FLAT HEADER ASS'Y .156 C BENT SQ PINS, W/O PEG 41772 SERIES DRAWING |
| REL 0574/0587 UCR2001-0262 9-19-00 SAMIEC | G3 | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | MOLEX INCORPORATED SHEET NO. DATE LISLE, ILL. 60532 U.S.A. 1 OF 6 09/09/87 |
| DRWG. BY SAMIEC CHK'D. BY PATEL | | FILE NAME S41772X1 | SEE CHART SD A-41772 |
| APP'D. BY LENZ SCALE : | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. | DRWG. NO. DIV. SIZE C C |
| LTR. REVISIONS | LTR. REVISIONS | | |

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

| | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 41772 | 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-41772-0368/0377 | 41770-0009/0018 | 2161-16(102) | 102 | (25.40) 1.000 | (14.86) .585 | () N/A | (4.95) .195 | (3.56) .140 | () OVERALL | 90° | 9-18 | 9 | BULK PER PK-41772-002 |
| | A-41772-0378/0394 | 41770-0002/0018 | 2161--56(102) * | 102 | (17.86) .703 | (5.94) .234 | () N/A | (4.90) .193 | (4.45) .175 | () OVERALL | 90° | 2-18 | | BULK PER PK-41772-001 |
| | A-41772-0412/0428 | 41770-0002/0018 | 2161-63(102) * | 102 | (24.38) .960 | (15.06) .593 | () N/A | (2.71) .107 | (4.06) .160 | () OVERALL | 90° | 2-18 | | BULK PER PK-41772-001 |
| I | A-41772-0429/0445 | 41770-0002/0018 | 2161-67(102) * | 102 | (18.69) .736 | (10.48) .413 | () N/A | (2.71) .107 | (2.92) .115 | () OVERALL | 90° | 2-18 | | BULK PER PK-41772-001 |
| | A-41772-0446/0462 | 41770-0002/0018 | 2161-2(1501) | 501 | (28.57) 1.125 | (17.60) .693 | () OVERALL | (4.95) .195 | (3.99) .157 | () N/A | 90° | 2-18 | | BULK PER PK-41772-002 |
| | A-41772-0531/0547 | 41770-0002/0018 | 2161-62(102) | 102 | (24.89) .980 | (14.86) .585 | () N/A | (4.95) .195 | (3.05) .120 | () OVERALL | 90° | 2-18 | | BULK PER PK-41772-002 |

* ON ASSEMBLIES A-41772-0378 / -0445 THE PIN BEND RADIUS IS TO BE .045 R

| A-41772-0368/0377 | | | A-41772-0378/0394 | | | A-41772-0412/0428 | | | A-41772-0429/0445 | | | A-41772-0446/0462 | | | A-41772-0531/0547 | | |
|-------------------|--------------|--------------|-------------------|--------------|------------|-------------------|--------------|------------|-------------------|--------------|------------|-------------------|--------------|------------|-------------------|--------------|------------|
| 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 |
| | | 2 | 26-60-3029 | A-41772-0378 | 2 | 27-60-3020 | A-41772-0412 | 2 | | A-41772-0429 | 2 | 27-60-3022 | A-41772-0446 | 2 | 41772-0531 | A-41772-0531 | 2 |
| | | 3 | 26-60-3039 | A-41772-0379 | 3 | | A-41772-0413 | 3 | | A-41772-0430 | 3 | 27-60-3032 | A-41772-0447 | 3 | 41772-0532 | A-41772-0532 | 3 |
| | | 4 | 26-60-3049 | A-41772-0380 | 4 | | A-41772-0414 | 4 | | A-41772-0431 | 4 | 27-60-3042 | A-41772-0448 | 4 | 41772-0533 | A-41772-0533 | 4 |
| | | 5 | 26-60-3059 | A-41772-0381 | 5 | | A-41772-0415 | 5 | | A-41772-0432 | 5 | 27-60-3052 | A-41772-0449 | 5 | 41772-0534 | A-41772-0534 | 5 |
| | | 6 | 26-60-3069 | A-41772-0382 | 6 | | A-41772-0416 | 6 | 27-60-3061 | A-41772-0433 | 6 | 27-60-3062 | A-41772-0450 | 6 | 41772-0535 | A-41772-0535 | 6 |
| | | 7 | 26-60-3079 | A-41772-0383 | 7 | 27-60-3070 | A-41772-0417 | 7 | 27-60-3071 | A-41772-0434 | 7 | 27-60-3072 | A-41772-0451 | 7 | 41772-0536 | A-41772-0536 | 7 |
| | | 8 | 26-60-3089 | A-41772-0384 | 8 | | A-41772-0418 | 8 | | A-41772-0435 | 8 | 27-60-3082 | A-41772-0452 | 8 | 41772-0537 | A-41772-0537 | 8 |
| | A-41772-0368 | 9 | 26-60-3099 | A-41772-0385 | 9 | | A-41772-0419 | 9 | | A-41772-0436 | 9 | 27-60-3092 | A-41772-0453 | 9 | 41772-0538 | A-41772-0538 | 9 |
| | A-41772-0369 | 10 | 26-60-3109 | A-41772-0386 | 10 | | A-41772-0420 | 10 | | A-41772-0437 | 10 | 27-60-3102 | A-41772-0454 | 10 | 41772-0539 | A-41772-0539 | 10 |
| | A-41772-0370 | 11 | 26-60-3119 | A-41772-0387 | 11 | | A-41772-0421 | 11 | | A-41772-0438 | 11 | 27-60-3112 | A-41772-0455 | 11 | 41772-0540 | A-41772-0540 | 11 |
| | 26-62-3125 | A-41772-0371 | 26-60-3129 | A-41772-0388 | 12 | | A-41772-0422 | 12 | | A-41772-0439 | 12 | 27-60-3122 | A-41772-0456 | 12 | 41772-0541 | A-41772-0541 | 12 |
| | | A-41772-0372 | 26-60-3139 | A-41772-0389 | 13 | | A-41772-0423 | 13 | | A-41772-0440 | 13 | 27-60-3132 | A-41772-0457 | 13 | 41772-0542 | A-41772-0542 | 13 |
| | | A-41772-0373 | 26-60-3149 | A-41772-0390 | 14 | | A-41772-0424 | 14 | | A-41772-0441 | 14 | 27-60-3142 | A-41772-0458 | 14 | 41772-0543 | A-41772-0543 | 14 |
| | | A-41772-0374 | 26-60-3159 | A-41772-0391 | 15 | | A-41772-0425 | 15 | | A-41772-0442 | 15 | 27-60-3152 | A-41772-0459 | 15 | 41772-0544 | A-41772-0544 | 15 |
| | | A-41772-0375 | 26-60-3169 | A-41772-0392 | 16 | | A-41772-0426 | 16 | | A-41772-0443 | 16 | 27-60-3162 | A-41772-0460 | 16 | 41772-0545 | A-41772-0545 | 16 |
| | | A-41772-0376 | 26-60-3179 | A-41772-0393 | 17 | | A-41772-0427 | 17 | | A-41772-0444 | 17 | 27-60-3172 | A-41772-0461 | 17 | 41772-0546 | A-41772-0546 | 17 |
| | | A-41772-0377 | 26-60-3189 | A-41772-0394 | 18 | | A-41772-0428 | 18 | | A-41772-0445 | 18 | 27-60-3182 | A-41772-0462 | 18 | 41772-0547 | A-41772-0547 | 18 |

| | | | | |
|------|-------------|------|-------------|--|
| H | SEE SHEET I | D | SEE SHEET I | 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. NO. SDA-41772 FILE NAME S41772X5 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. |
| G | SEE SHEET I | C | SEE SHEET I | |
| FI | SEE SHEET I | B | SEE SHEET I | |
| F | SEE SHEET I | A19 | SEE SHEET I | |
| E14 | SEE SHEET I | A17 | SEE SHEET I | |
| E13 | SEE SHEET I | A14 | SEE SHEET I | |
| E12 | SEE SHEET I | A13 | SEE SHEET I | |
| LTR. | REVISIONS | LTR. | REVISIONS | |