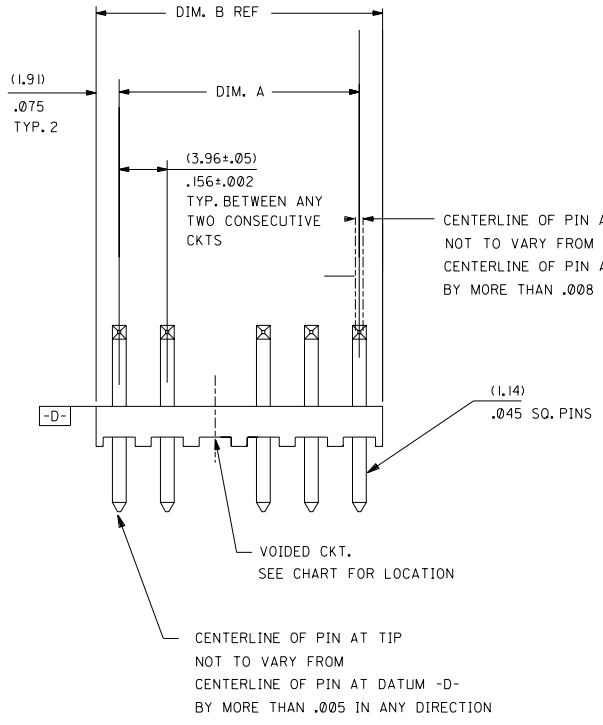
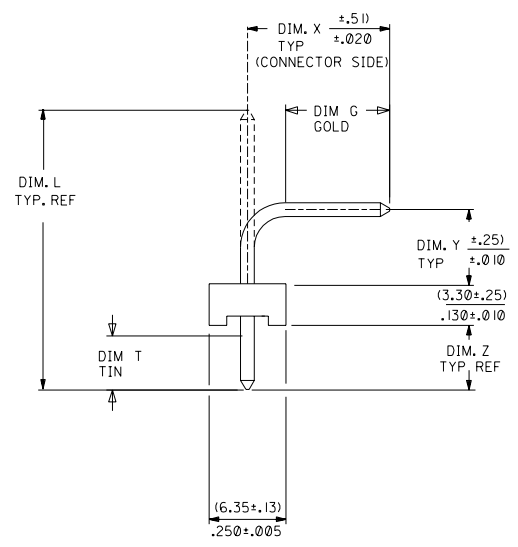


RECOMMENDED PC BOARD HOLE LAYOUT
FOR CORRECT ORIENTATION OF PARTS WITH
VOIDS ELIMINATE CORRESPONDING PCB HOLE



| 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 |

MOLEX INCORPORATED
41772 SERIES DRAWING
SD A-41772
DATE 09/09/87

| | |
|---|----|
| 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-41772-0206/0222 | 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 | | A-41772-0356 | 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 UNLESS OTHERWISE SPECIFIED TOLERANCES ANGULAR ± 1/2° | <input type="checkbox"/> = 0 <input type="checkbox"/> = 0 REVISE ONLY ON CAD SYSTEM TITLE FLAT HEADER ASSEMBLY .156 Q BENT SQ PINS, W/O PEG 41772 SERIES DWG |
| SEE SHEET I | E9 | SEE SHEET I | | |
| SEE SHEET I | E8 | SEE SHEET I | 3 PLACE ± INCH METRIC 2 PLACE ± ± 1 PLACE ± ± | FROM: MOLEX INCORPORATED SHEET NO. 4 DATE 06/25/88 LISLE, ILL. 60532 U.S.A. PART NO. SEE CHART DRWG. NO. SDA-41772 |
| H | SEE SHEET I | E7 | SEE SHEET I | |
| F | SEE SHEET I | E6 | SEE SHEET I | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DRWG. BY: SAMEC CHK'D. BY: PATEL APP'D. BY: LENZ SCALE: |
| E15 | SEE SHEET I | E5 | SEE SHEET I | |
| E11 | SEE SHEET I | E4 | SEE SHEET I | FILE NAME: S41772X4 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. DIV. C SIZE C |
| LTR. | REVISIONS | LTR. | REVISIONS | |