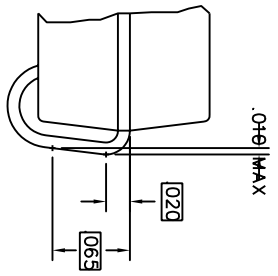
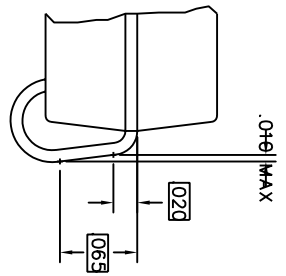
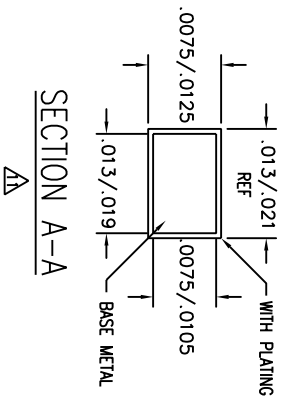
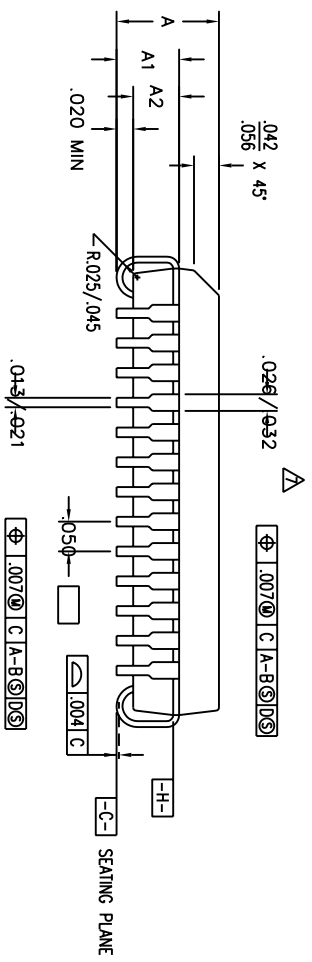
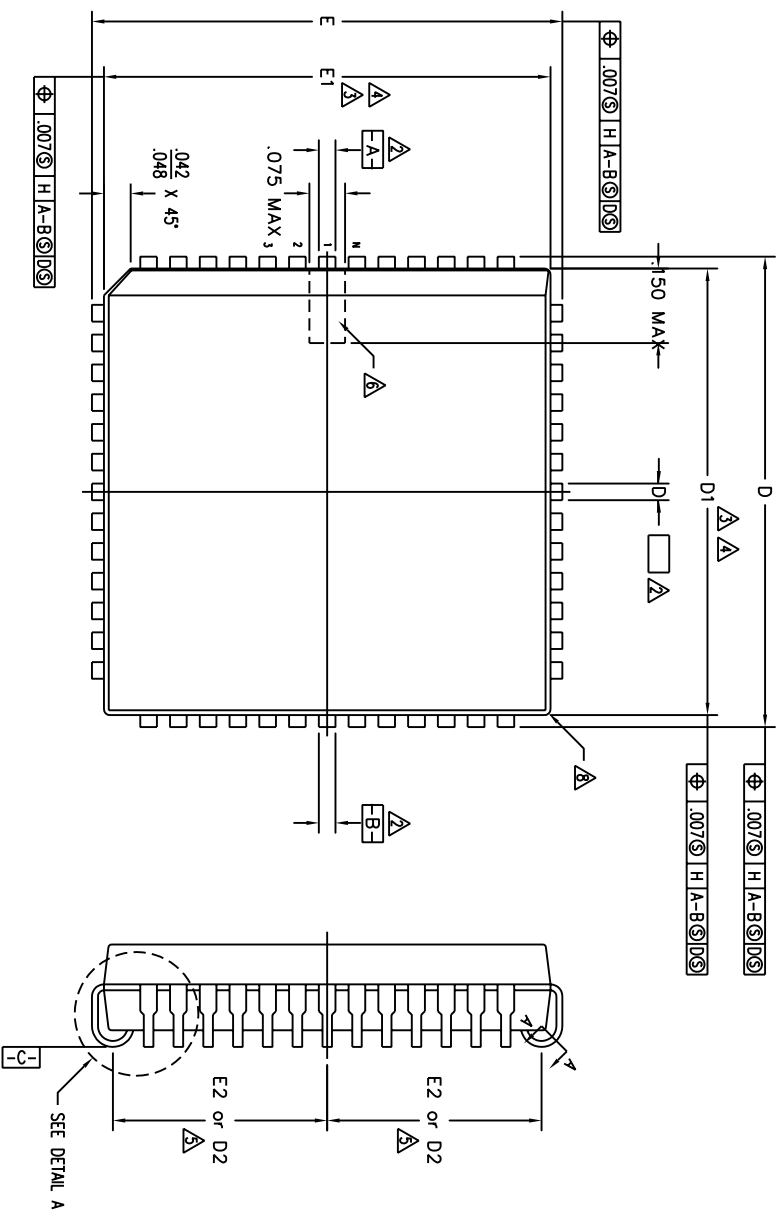


| REVISIONS |                              |             |       |          |
|-----------|------------------------------|-------------|-------|----------|
| DCN       | REV                          | DESCRIPTION | DATE  | APPROVED |
| 07        | ADD "GREEN" PLG NOMENCLATURE | 11/11/04    | TU VU |          |



DETAIL A

| TOLERANCES UNLESS SPECIFIED |              |
|-----------------------------|--------------|
| DECIMAL                     | ANGULAR      |
| XXX                         | F            |
| XXXX                        |              |
| XXXXX                       |              |
| APPROVALS                   | DATE         |
| DRAWN                       |              |
| CHECKED                     |              |
| SIZE                        | DRAWING NO.  |
| C                           | PSC-4008     |
| DO NOT SCALE DRAWING        | SHEET 1 OF 3 |

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TITLE PL/PLG PACKAGE OUTLINE  
 SQUARE PLCC  
 .050 PITCH

REV 07

| REVISIONS |     |                              |          |          |
|-----------|-----|------------------------------|----------|----------|
| DCN       | REV | DESCRIPTION                  | DATE     | APPROVED |
| 07        |     | ADD "GREEN" PLG NOMENCLATURE | 11/11/04 | TU VU    |

| SYMBOL | JEDEC VARIATION AB |      |      | N D T E | JEDEC VARIATION AC |      |      | N D T E | JEDEC VARIATION AD |      |      | N D T E | JEDEC VARIATION AE |      |      | N D T E | JEDEC VARIATION AF |       |       | N D T E |
|--------|--------------------|------|------|---------|--------------------|------|------|---------|--------------------|------|------|---------|--------------------|------|------|---------|--------------------|-------|-------|---------|
|        | MIN                | NOM  | MAX  |         | MIN                | NOM  | MAX  |         | MIN                | NOM  | MAX  |         | MIN                | NOM  | MAX  |         | MIN                | NOM   | MAX   |         |
| A      | .165               | .172 | .180 |         | .165               | .172 | .180 |         | .165               | .172 | .180 |         | .165               | .172 | .180 |         | .165               | .172  | .180  |         |
| A1     | .095               | .105 | .115 |         | .095               | .105 | .115 |         | .095               | .105 | .115 |         | .095               | .105 | .115 |         | .095               | .105  | .115  |         |
| A2     | .062               | -    | .083 |         | .062               | -    | .083 |         | .062               | -    | .083 |         | .062               | -    | .083 |         | .059               | -     | .080  |         |
| D      | .485               | .490 | .495 |         | .685               | .690 | .695 |         | .785               | .790 | .795 |         | .985               | .990 | .995 |         | 1.185              | 1.190 | 1.195 |         |
| D1     | .450               | .453 | .456 | 3,4     | .650               | .653 | .656 | 3,4     | .750               | .753 | .756 | 3,4     | .950               | .953 | .956 | 3,4     | 1.150              | 1.154 | 1.156 | 3,4     |
| D2     | .195               | .205 | .215 | 5       | .295               | .305 | .315 | 5       | .345               | .355 | .365 | 5       | .445               | .455 | .465 | 5       | .545               | .555  | .565  | 5       |
| E      | .485               | .490 | .495 |         | .685               | .690 | .695 |         | .785               | .790 | .795 |         | .985               | .990 | .995 |         | 1.185              | 1.190 | 1.195 |         |
| E1     | .450               | .453 | .456 | 3,4     | .650               | .653 | .656 | 3,4     | .750               | .753 | .756 | 3,4     | .950               | .953 | .956 | 3,4     | 1.150              | 1.154 | 1.156 | 3,4     |
| E2     | .191               | .205 | .219 | 5       | .291               | .305 | .319 | 5       | .341               | .355 | .369 | 5       | .441               | .455 | .469 | 5       | .541               | .555  | .569  | 5       |
| N      | 28                 |      |      |         | 44                 |      |      |         | 52                 |      |      |         | 68                 |      |      |         | 84                 |       |       |         |

NOTES:

1 ALL DIMENSIONING AND TOLERANCING CONFORM TO ANSI Y14.5M-1982

△ DATUMS [A-B] AND [-D-] TO BE DETERMINED AT DATUM PLANE [-H-]

△ DIMENSIONS D1 AND E1 ARE TO BE DETERMINED AT DATUM PLANE [-H-]

△ DIMENSIONS D1 AND E1 DO NOT INCLUDE MOLD PROTRUSION, ALLOWABLE MOLD PROTRUSION IS .010 PER SIDE. D1 AND E1 ARE BODY SIZE DIMENSIONS INCLUDING MOLD MISMATCH

△ DIMENSIONS D2 AND E2 ARE TO BE DETERMINED AT SEATING PLANE [-C-] CONTACT POINT

△ DETAIL OF PIN 1 IDENTIFIER IS OPTIONAL BUT MUST BE LOCATED WITHIN THE ZONE INDICATED

△ LEAD WIDTH DIMENSION DOES NOT INCLUDE DAMBAR PROTRUSION, ALLOWABLE DAMBAR PROTRUSION IS .007 TOTAL MAXIMUM PER LEAD

△ EXACT SHAPE OF EACH CORNER IS OPTIONAL

△ THESE DIMENSIONS DETERMINE THE MAXIMUM ANGLE OF THE LEAD FOR SOCKET APPLICATIONS

10 ALL DIMENSIONS ARE IN INCHES

△ THIS OUTLINE CONFORMS TO JEDEC PUBLICATION 95 REGISTRATION MS-018, VARIATIONS AB, AC, AD, AE & AF. EXCEPTIONS: JEDEC MAXIMUM BASE METAL LEAD WIDTH IS .018

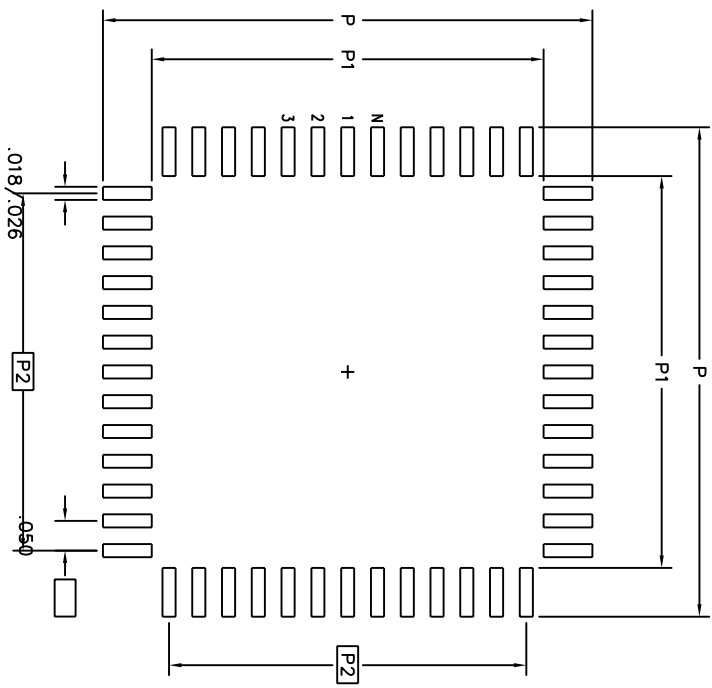
|                             |         |                        |  |
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| DECIMAL                     | ANGULAR | Santa Clara, CA 95054  |  |
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| XXX                         |         | FAX: (408) 492-8674    |  |
| XXX                         |         |                        |  |
| APPROVALS                   |         | DATE                   |  |
| DRAM                        |         |                        |  |
| CHECKED                     |         |                        |  |
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### LAND PATTERN DIMENSIONS



|    | MIN      | MAX  | MIN      | MAX  | MIN      | MAX  | MIN      | MAX   | MIN       | MAX   |
|----|----------|------|----------|------|----------|------|----------|-------|-----------|-------|
| P  | .520     | .528 | .720     | .728 | .820     | .828 | 1.020    | 1.028 | 1.220     | 1.228 |
| P1 | .354     | .362 | .554     | .562 | .654     | .662 | .854     | .862  | 1.054     | 1.062 |
| P2 | .300 BSC |      | .500 BSC |      | .600 BSC |      | .800 BSC |       | 1.000 BSC |       |
| N  | 28       |      | 44       |      | 52       |      | 68       |       | 84        |       |

|                             |             |                                                                                                                                                                                  |
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| DECIMAL                     | ANGULAR     |                                                                                                                                                                                  |
| XXX                         | F           |                                                                                                                                                                                  |
| XXXX                        |             |                                                                                                                                                                                  |
| APPROVALS                   | DATE        | TITLE                                                                                                                                                                            |
| DRAWN                       |             | PL/PLG PACKAGE OUTLINE                                                                                                                                                           |
| CHECKED                     |             | SQUARE PLCC                                                                                                                                                                      |
|                             |             | .050 PITCH                                                                                                                                                                       |
| SIZE                        | DRAWING NO. | REV                                                                                                                                                                              |
| C                           | PSC-4008    | 07                                                                                                                                                                               |
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