





**NOTES:**

1. Dimensions and tolerancing per ANSI Y14.5M-1982.

2. Controlling dimension: Inch.

3. A pin one identification mark shall be located adjacent to the index corner and within the shaded area shown.

4. Symbol 'N' is the total number of leads.

5. Corner chamfers and/or notches are optional. But any index shall be per JEDEC pub. 95 leadless chip carrier indexing.

6. Nominal values are the preferred design values.

7. Dimensions b1 and c1 apply to base metal only.  
Dimension M applies to the plating thickness.

| SYMBOL                                   | VARIATIONS |       |       |   |     |     |     |            |     |              |     |        | ALL DIMENSIONS IN INCHES |     |                 |      |  |  |
|--|------------|-------|-------|---|-----|-----|-----|------------|-----|--------------|-----|--------|--------------------------|-----|-----------------|------|--|--|
|  | AA         |       |       | NOTE  |     |     |     | NOTE       |     |              |     | NOTE   |                          |     |                 | NOTE |  |  |
|  | MIN        | NOM   | MAX   |   | MIN | NOM | MAX |            | MIN | NOM          | MAX |        | MIN                      | NOM | MAX             |      |  |  |
| A  | .060       | —     | .140  | 7   |     |     |     |            |     |              |     |        |                          |     |                 |      |  |  |
| A1                                       | .022       | .030  | .038  |   |     |     |     |            |     |              |     |        |                          |     |                 |      |  |  |
| b  | .006       | —     | .015  |   |     |     |     |            |     |              |     |        |                          |     |                 |      |  |  |
| b1                                       | .006       | —     | .013  |   |     |     |     |            |     |              |     |        |                          |     |                 |      |  |  |
| c  | .004       | —     | .010  |   |     |     |     |            |     |              |     |        |                          |     |                 |      |  |  |
| c1                                       | .004       | —     | .008  |   |     |     |     |            |     |              |     |        |                          |     |                 |      |  |  |
| D,E                                      | 1.074      | 1.080 | 1.086 |   |     |     |     |            |     |              |     |        |                          |     |                 |      |  |  |
| D1,E1                                    | .935       | .950  | .960  | 4   |     |     |     |            |     |              |     |        |                          |     |                 |      |  |  |
| D3                                       | 1.030 REF  |       |       |   |     |     |     |            |     |              |     |        |                          |     |                 |      |  |  |
| e  | .025 BSC   |       |       |   |     |     |     |            |     |              |     |        |                          |     |                 |      |  |  |
| L  | .022       | .025  | .028  |   |     |     |     |            |     |              |     |        |                          |     |                 |      |  |  |
| M  | —          | —     | .001  |   |     |     |     |            |     |              |     |        |                          |     |                 |      |  |  |
| N  | 132        |       |       |   |     |     |     |            |     |              |     |        |                          |     |                 |      |  |  |
| NOTE                                     | 1, 2, 6    |       |       |   |     |     |     |            |     |              |     |        |                          |     |                 |      |  |  |
| REF                                      | 10-265/283 |       |       |   |     |     |     |            |     |              |     |        |                          |     |                 |      |  |  |
| ISSUE                                    | A          |       |       |   |     |     |     |            |     |              |     |        |                          |     |                 |      |  |  |
| JEDEC<br>SOLID STATE PRODUCT<br>OUTLINES |            |       |       | Ceramic Quad<br>Flatpack, .025" Pitch,<br>Gullwing Leadform |     |     |     | ISSUE<br>A |     | DATE<br>8/91 |     | MO-104 |                          |     | SHEET<br>3 of 3 |      |  |  |