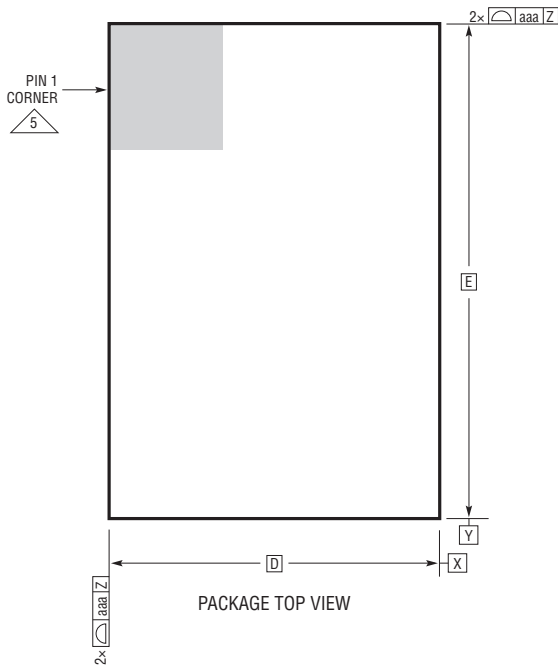
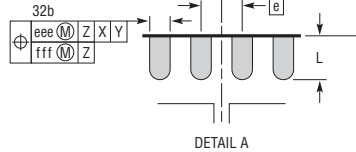
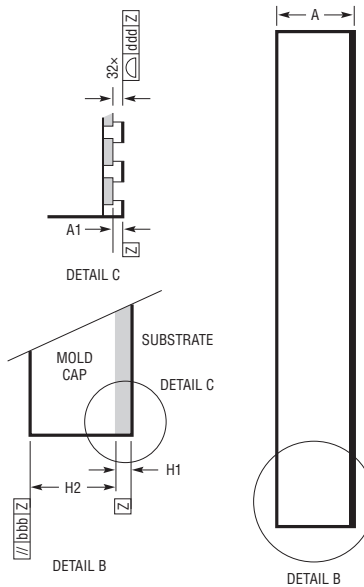


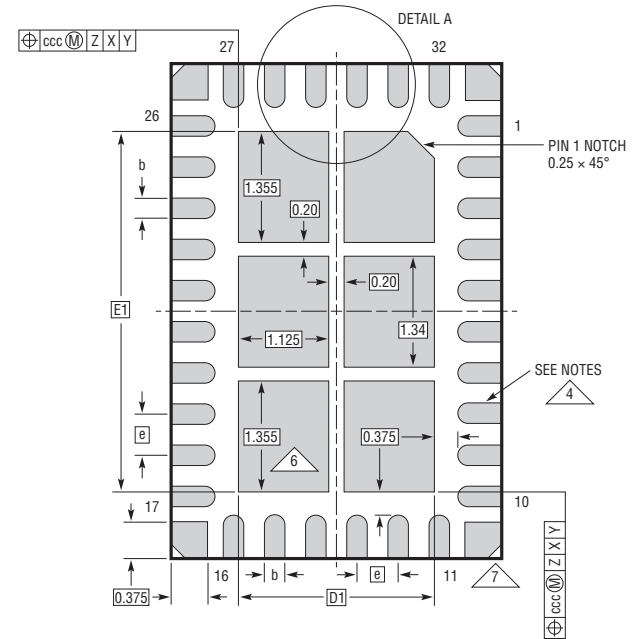
**LQFN Package**  
**32-Lead (6mm × 4mm × 0.94mm)**  
 (Reference LTC DWG # 05-08-1512 Rev C)



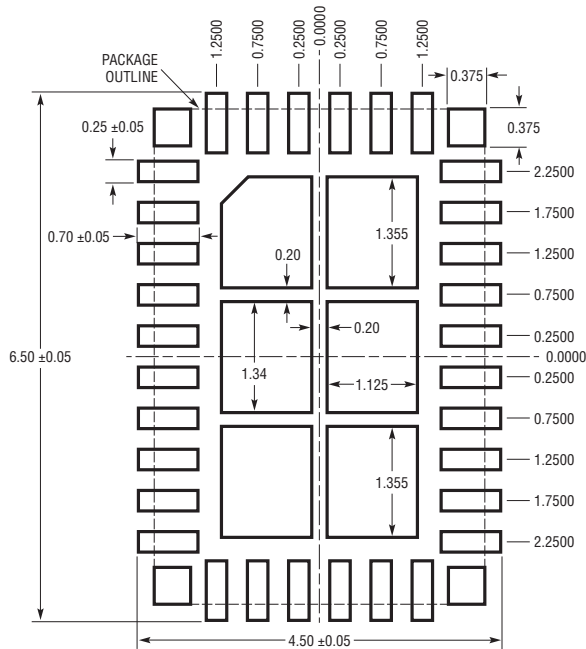
PACKAGE TOP VIEW



DETAIL A



PACKAGE BOTTOM VIEW

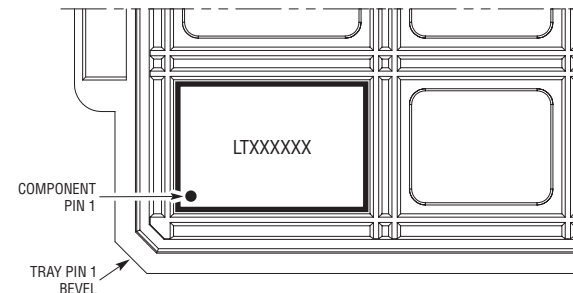


SUGGESTED PCB LAYOUT TOP VIEW

| DIMENSIONS |      |          |      |               |
|------------|------|----------|------|---------------|
| SYMBOL     | MIN  | NOM      | MAX  | NOTES         |
| A          | 0.85 | 0.94     | 1.03 |               |
| A1         | 0.01 | 0.02     | 0.03 |               |
| L          | 0.30 | 0.40     | 0.50 |               |
| b          | 0.22 | 0.25     | 0.28 |               |
| D          |      | 4.00     |      |               |
| E          |      | 6.00     |      |               |
| D1         |      | 2.45     |      |               |
| E1         |      | 4.45     |      |               |
| e          |      | 0.50     |      |               |
| H1         |      | 0.24 REF |      | SUBSTRATE THK |
| H2         |      | 0.70 REF |      | MOLD CAP HT   |
| aaa        |      |          | 0.10 |               |
| bbb        |      |          | 0.10 |               |
| ccc        |      |          | 0.10 |               |
| ddd        |      |          | 0.10 |               |
| eee        |      |          | 0.15 |               |
| fff        |      |          | 0.08 |               |

NOTES:

1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994
2. ALL DIMENSIONS ARE IN MILLIMETERS
3. PRIMARY DATUM -Z- IS SEATING PLANE
4. METAL FEATURES UNDER THE SOLDER MASK OPENING NOT SHOWN SO AS NOT TO OBSCURE THESE TERMINALS AND HEAT FEATURES
5. DETAILS OF PIN 1 IDENTIFIER ARE OPTIONAL, BUT MUST BE LOCATED WITHIN THE ZONE INDICATED. THE PIN 1 IDENTIFIER MAY BE EITHER A MOLD OR MARKED FEATURE
6. THE EXPOSED HEAT FEATURE IS SEGMENTED AND ARRANGED IN A MATRIX FORMAT. IT MAY HAVE OPTIONAL CORNER RADIUS ON EACH SEGMENT
7. CORNER SUPPORT PAD CHAMFER IS OPTIONAL



PACKAGE IN TRAY LOADING ORIENTATION