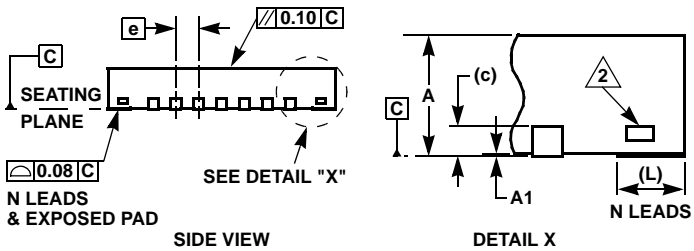
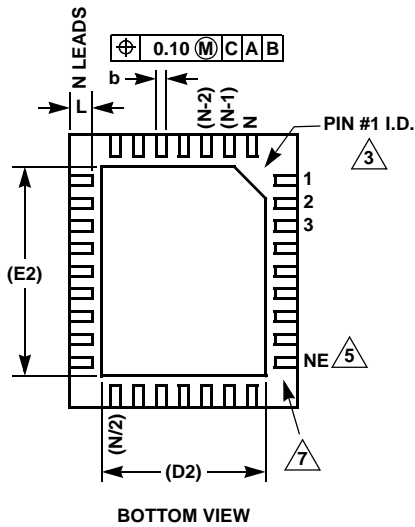
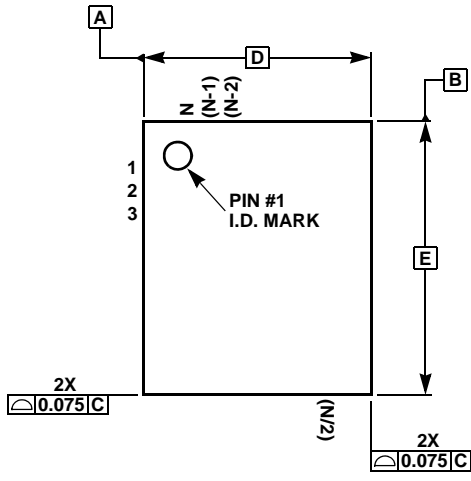


Quad Flat No-Lead Plastic Package (QFN)
Micro Lead Frame Plastic Package (MLFP)

L38.5x7A (One of 10 Packages in MDP0046)
38 LEAD QUAD FLAT NO-LEAD PLASTIC PACKAGE
(COMPLIANT TO JEDEC MO-220)



| SYMBOL | MILLIMETERS | | | NOTES |
|--------|-------------|---------|------|-------|
| | MIN | NOMINAL | MAX | |
| A | 0.80 | 0.90 | 1.00 | - |
| A1 | 0.00 | 0.02 | 0.05 | - |
| D | 5.00 BSC | | | - |
| D2 | 3.80 REF | | | - |
| E | 7.00 BSC | | | - |
| E2 | 5.80 REF | | | - |
| L | 0.35 | 0.40 | 0.45 | - |
| b | 0.23 | 0.25 | 0.27 | - |
| c | 0.20 REF | | | - |
| e | 0.50 BSC | | | - |
| N | 38 REF | | | 4 |
| ND | 7 REF | | | 6 |
| NE | 12 REF | | | 5 |

Rev 0 5/06

NOTES:

1. Dimensioning and tolerancing per ASME Y14.5M-1994.
2. Tiebar view shown is a non-functional feature.
3. Bottom-side pin #1 I.D. is a diepad chamfer as shown.
4. N is the total number of terminals on the device.
5. NE is the number of terminals on the "E" side of the package (or Y-direction).
6. ND is the number of terminals on the "D" side of the package (or X-direction). $ND = (N/2) - NE$.
7. Inward end of terminal may be square or circular in shape with radius $(b/2)$ as shown.