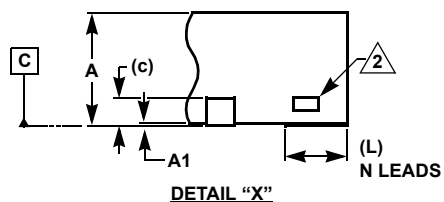
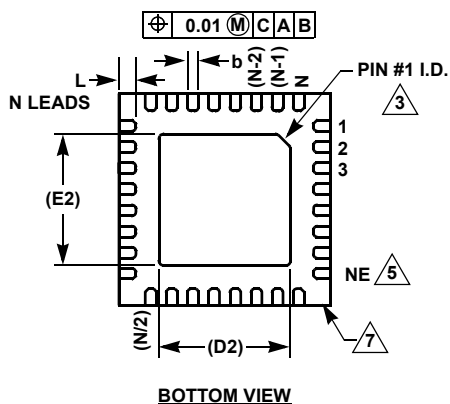
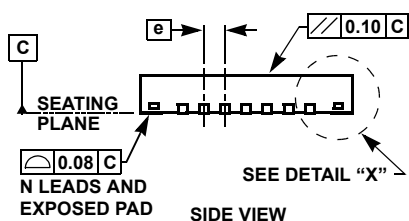
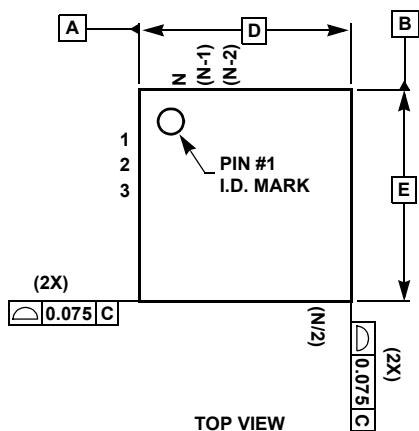


# Plastic Packages for Integrated Circuits

## Quad Flat No-Lead Plastic Package (QFN)



## L20.5x5C

20 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	-
b	0.28	0.30	0.32	-
c	0.20 REF			-
D	5.00 BASIC			-
D2	3.70 REF			8
E	5.00 BASIC			-
E2	3.70 REF			8
e	0.65 BASIC			-
L	0.35	0.40	0.45	-
N	20			4
ND	5 REF			6
NE	5 REF			5

Rev. 0 6/06

### 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.
8. If two values are listed, multiple exposed pad options are available. Refer to device-specific datasheet.
9. One of 10 packages in MDP0046