



VQ/VQG44				VQ/VQG64			VQ/VQG100		
SYMBOL	MILLIMETERS			MILLIMETERS			MILLIMETERS		
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.
A	$\frac{1}{16}$	$\frac{1}{16}$	1.20	$\frac{1}{16}$	$\frac{1}{16}$	1.20	$\frac{1}{16}$	$\frac{1}{16}$	1.20
A ₁	0.05	$\frac{1}{16}$	0.15	0.05	0.10	0.15	0.05	0.10	0.15
A ₂	0.95	1.00	1.05	0.95	1.00	1.05	0.95	1.00	1.05
D/E	12.00 BSC.			12.00 BSC.			16.00 BSC.		
D ₁ /E ₁	10.00 BSC.			10.00 BSC.			14.00 BSC.		
b	0.30	0.37	0.45	0.17	0.22	0.27	0.17	0.22	0.27
c	0.09	$\frac{1}{32}$	0.20	0.09	$\frac{1}{16}$	0.20	0.09	$\frac{1}{16}$	0.20
e	0.80 BSC.			0.50 BSC.			0.50 BSC.		
L	0.45	0.60	0.75	0.45	0.60	0.75	0.45	0.60	0.75
ccc	$\frac{1}{16}$	$\frac{1}{16}$	0.10	$\frac{1}{16}$	$\frac{1}{16}$	0.08	$\frac{1}{16}$	$\frac{1}{16}$	0.08
ddd	$\frac{1}{16}$	$\frac{1}{16}$	0.20	$\frac{1}{16}$	$\frac{1}{16}$	0.08	$\frac{1}{16}$	$\frac{1}{16}$	0.08
N	44			64			100		
REF.	JEDEC MS-026-ACB			JEDEC MS-026-ACD			JEDEC MS-026-AED		

NOTES:

1. ALL DIMENSIONS AND TOLERANCES CONFORM TO ANSI Y14.5M-1994.
2. DIMENSIONS "D1" AND "E1" DO NOT INCLUDE MOLD PROTRUSIONS. ALLOWABLE MOLD PROTRUSIONS SHALL NOT EXCEED 0.25mm PER SIDE.
3. THE TOP OF THE PACKAGE MAY BE SMALLER THAN THE BOTTOM OF THE PACKAGE BY 0.15mm.
4. MARK ORIENTATION WITH RESPECT TO PIN-1 I.D.
IF 2 OR MORE CIRCLES EXIST ON TOP OF THE PACKAGE, USE THE SMALLEST CIRCLE AS PIN-1 I.D.

44, 64, and 100-PIN PLASTIC VERY THIN QFP
(VQ44/VQG44, VQ64/VQG64, and VQ100/VQG100)