



LEAD DETAIL

NOTES:

1. ALL DIMENSIONS AND TOLERANCES CONFORM TO ASME Y 14.5M-1994.
2. DIMENSIONS D1 AND E1 DO NOT INCLUDE MOLD PROTRUSION. ALLOWABLE PROTRUSION SHALL NOT EXCEED 0.25mm PER SIDE.
3. DIMENSIONS D1 AND E1 ARE THE MAXIMUM PLASTIC BODY SIZE. THE TOP PACKAGE BODY DIMENSION MAY BE SMALLER THAN THE BOTTOM PACKAGE BODY DIMENSION BY AS MUCH AS 0.15mm.
4. REFER TO JEDEC STANDARD MS-026 ISSUE D.
5. CONTROLLING DIMENSIONS ARE IN MILLIMETERS.

REVISIONS					
ZONE	REV	ECN	DESCRIPTION	DATE	APPROVED
	A		NEW RELEASE	5/13/03	DM

SYMBOL	MILLIMETER			INCH		
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.
A	—	—	1.20	—	—	0.047
A1	0.05	—	0.15	0.002	—	0.006
A2	0.95	1.00	1.05	0.037	0.039	0.041
D/E	16.00 BSC.			0.630 BSC.		
D1/E1	14.00 BSC.			0.551 BSC.		
θ	0°	3.5°	7°	0°	3.5°	7°
θ_1	0°	—	—	0°	—	—
θ_2	11°	12°	13°	11°	12°	13°
b	0.17	0.20	0.27	0.007	0.008	0.011
c	0.09	—	0.20	0.004	—	0.008
e	0.50 BSC.			0.020 BSC.		
L	0.45	0.60	0.75	0.018	0.024	0.030
L ₁	1.00 REF			0.039 REF		
S	0.20	—	—	0.008	—	—
aaa	.20			.008		
bbb	.20			.008		
ccc	.08			.003		
ddd	.08			.003		

DRAWN D. MACKESSY APPROVED BY K.H. THE	DATE 5/14/03 DATE 5/14/03	QUICKLOGIC CORP VQFP 100 LEAD, 14 X 14mm BODY, 1.20mm MAX OVERALL HEIGHT	PROJECTION 	SCALE N/A	DWG NO 03-015-60	REV A
REFERENCE PACKAGE OUTLINES			QUICKLOGIC PKG CODE: PV100	SHEET 1 OF 1		