



VARIATIONS (ALL DIMENSIONS SHOWN IN MM)

SYMBOLS	MIN.	NOM.	MAX.
A	—	—	1.60
A1	0.05	—	0.15
A2	1.35	1.40	1.45
b	0.17	0.22	0.27
c1	0.09	—	0.16
D	13.00	13.20	13.40
D1	9.90	10.00	10.10
E	13.00	13.20	13.40
E1	9.90	10.00	10.10
e	0.50 BSC		
L	0.78	0.88	—
L1	1.60 REF		
S	0.20 REF		
θ	3.5° REF		
$\theta 1$	5.0° REF		
$\theta 2$	12° REF		
$\theta 3$	12° REF		
R1	0.16 REF		
R2	0.15 REF		

NOTES:

1. JEDEC OUTLINE : MS-022/MS-026 REF.
2. DIMENSIONS D1 AND E1 DO NOT INCLUDE MOLD PROTRUSION. ALLOWABLE PROTRUSION IS 0.25mm PER SIDE. D1 AND E1 ARE MAXIMUM PLASTIC BODY SIZE DIMENSIONS INCLUDING MOLD MISMATCH.
3. DIMENSION b DOES NOT INCLUDE DAMBAR PROTRUSION. ALLOWABLE DAMBAR PROTRUSION SHALL NOT CAUSE THE LEAD WIDTH TO EXCEED THE MAXIMUM b DIMENSION BY MORE THAN 0.08mm.



DATE: 09/24/08

DESCRIPTION: 64-Lead, Low Profile Quad Flat Package (LQFP)

PACKAGE CODE: FG64

DOCUMENT CONTROL #: PD-2079

REVISION: --