

**NOTES:**

1. ALL DIMENSIONING AND TOLERANCING CONFORM TO ANSI Y14.5-1982.
2. DATUM PLANE  $\square$  LOCATED AT MOLD PARTING LINE AND COINCIDENT WITH LEAD, WHERE LEAD EXITS PLASTIC BODY AT BOTTOM OF PARTING LINE.
3. DATUMS  $\square$  AND  $\square$  TO BE DETERMINED AT CENTERLINE BETWEEN LEADS WHERE LEADS EXIT PLASTIC BODY AT DATUM PLANE  $\square$ .
4. TO BE DETERMINED AT SEATING PLANE  $\square$ .
5. DIMENSIONS D1 AND E1 DO NOT INCLUDE MOLD PROTRUSION. ALLOWABLE MOLD PROTRUSION IS 0.254 MM ON D1 AND E1 DIMENSIONS.
6. \*N\* IS THE TOTAL NUMBER OF TERMINALS.
7. THESE DIMENSIONS TO BE DETERMINED AT DATUM PLANE  $\square$ .
8. PACKAGE TOP DIMENSIONS ARE SMALLER THAN BOTTOM DIMENSIONS AND TOP OF PACKAGE WILL NOT OVERHANG BOTTOM OF PACKAGE.

9. DIMENSION b DOES NOT INCLUDE DAMBAR PROTRUSION. ALLOWABLE DAMBAR PROTRUSION SHALL BE 0.08mm TOTAL IN EXCESS OF THE b DIMENSION AT MAXIMUM MATERIAL CONDITION. DAMBAR CANNOT BE LOCATED ON THE LOWER RADIUS OR THE FOOT.
10. CONTROLLING DIMENSION: MILLIMETER.
11. MAXIMUM ALLOWABLE DIE THICKNESS TO BE ASSEMBLED IN THIS PACKAGE FAMILY IS 0.38 MILLIMETERS.
12. THIS OUTLINE CONFORMS TO JEDEC PUBLICATION 95 REGISTRATION MS-026. VARIATIONS BBA, BBC, & BBD. AT IS DEFINED AS THE DISTANCE FROM THE SEATING PLANE TO THE LOWEST POINT OF THE PACKAGE BODY.

JEDEC VARIATION ALL DIMENSIONS IN MILLIMETERS				N	T	E
S	N	B	D			
A	MIN.	BBA	NDM.	MAX.	13	13
A1	0.05			1.60	13	13
A2	1.35			0.15	13	13
D				1.40	4	4
D1				9.00 BSC.	4	4
E				7.00 BSC.	7.8	7.8
E1				9.00 BSC.	4	4
L				7.00 BSC.	7.8	7.8
L1				0.45	7.8	7.8
N				0.60	7.8	7.8
N1				0.75	7.8	7.8
e				32	9	9
e1				0.80 BSC.	9	9
b				0.37	9	9
b1				0.30	9	9
ccc				0.35	9	9
ccc1				0.40	9	9
ddd				0.10	9	9
ddd1				0.20	9	9

JEDEC VARIATION ALL DIMENSIONS IN MILLIMETERS				N	T	E
S	N	B	D			
A	MIN.	BBC	NDM.	MAX.	13	13
A1	0.05			1.60	13	13
A2	1.35			0.15	13	13
D				1.40	4	4
D1				9.00 BSC.	4	4
E				7.00 BSC.	7.8	7.8
E1				9.00 BSC.	4	4
L				7.00 BSC.	7.8	7.8
L1				0.45	7.8	7.8
N				0.60	7.8	7.8
N1				0.75	7.8	7.8
e				48	9	9
e1				0.5 BSC.	9	9
b				0.22	9	9
b1				0.17	9	9
ccc				0.20	9	9
ccc1				0.23	9	9
ddd				0.08	9	9
ddd1				0.08	9	9

JEDEC VARIATION ALL DIMENSIONS IN MILLIMETERS				N	T	E
S	N	B	D			
A	MIN.	BBD	NDM.	MAX.	13	13
A1	0.05			1.60	13	13
A2	1.35			0.15	13	13
D				1.40	4	4
D1				9.00 BSC.	4	4
E				7.00 BSC.	7.8	7.8
E1				9.00 BSC.	4	4
L				7.00 BSC.	7.8	7.8
L1				0.45	7.8	7.8
N				0.60	7.8	7.8
N1				0.75	7.8	7.8
e				64	9	9
e1				0.4 BSC.	9	9
b				0.18	9	9
b1				0.13	9	9
ccc				0.16	9	9
ccc1				0.19	9	9
ddd				0.08	9	9
ddd1				0.07	9	9