NOTES:

1. ALL DIMENSIONING AND TOLERANCING CONFORM TO ANSI Y14.5-1982.
2. DATUM PLANE -H- LOCATED AT MOLD PARTING LINE AND COINCIDENT WITH LEAD, WHERE LEAD EXITS PLASTIC BODY AT BOTTOM OF PARTING LINE.
3. DATUMS A-B AND -D- TO BE DETERMINED AT CENTERLINE BETWEEN LEADS WHERE LEADS EXIT PLASTIC BODY AT DATUM PLANE -H- .
4. TO BE DETERMINED AT SEATING PLANE -C- .
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 -H- .
8. THE TOP OF PACKAGE IS SMALLER THAN THE BOTTOM OF PACKAGE BY 0.15 MILLIMETERS.
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 BCB, BCC, BCD & BCE.
13. A1 IS DEFINED AS THE DISTANCE FROM THE SEATING PLANE TO THE LOWEST POINT OF THE PACKAGE BODY.

JEDEC VARIATION ALL DIMENSIONS IN MILLIMETERS

SYMBOL	BCB MIN.	BCB NOM.	BCB MAX.	NOTE
A			1.60	
A_1	0.05		0.15	13
A_2	1.35	1.40	1.45	
D		12.00 BSC.		4
D_1		10.00 BSC.		7,8
E		12.00 BSC.		4
E_1		10.00 BSC.		7,8
L	0.45	0.60	0.75	
N		44		
e		0.80 BSC.		
b	0.30	0.37	0.45	9
b1	0.30	0.35	0.40	
ccc			0.10	
ddd			0.20	

JEDEC VARIATION ALL DIMENSIONS IN MILLIMETERS

SYMBOL	BCC MIN.	BCC NOM.	BCC MAX.	NOTE
A			1.60	
A_1	0.05		0.15	13
A_2	1.35	1.40	1.45	
D		12.00 BSC.		4
D_1		10.00 BSC.		7,8
E		12.00 BSC.		4
E_1		10.00 BSC.		7,8
L	0.45	0.60	0.75	
N		52		
e		0.65 BSC.		
b	0.22	0.32	0.38	9
b1	0.22	0.30	0.33	
ccc			0.10	
ddd			0.13	

JEDEC VARIATION ALL DIMENSIONS IN MILLIMETERS

SYMBOL	BCD MIN.	BCD NOM.	BCD MAX.	NOTE
A			1.60	
A_1	0.05		0.15	13
A_2	1.35	1.40	1.45	
D		12.00 BSC.		4
D_1		10.00 BSC.		7,8
E		12.00 BSC.		4
E_1		10.00 BSC.		7,8
L	0.45	0.60	0.75	
N		64		
e		0.50 BSC.		
b	0.17	0.22	0.27	9
b1	0.17	0.20	0.23	
ccc			0.08	
ddd			0.08	

JEDEC VARIATION ALL DIMENSIONS IN MILLIMETERS

SYMBOL	BCE MIN.	BCE NOM.	BCE MAX.	NOTE
A			1.60	
A_1	0.05		0.15	13
A_2	1.35	1.40	1.45	
D		12.00 BSC.		4
D_1		10.00 BSC.		7,8
E		12.00 BSC.		4
E_1		10.00 BSC.		7,8
L	0.45	0.60	0.75	
N		80		
e		0.40 BSC		
b	0.13	0.18	0.23	9
b1	0.13	0.16	0.19	
ccc			0.08	
ddd			0.07	

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TITLE: PACKAGE OUTLINE, LQFP, 10 X 10 MM BODY, 1.00/0.10 MM FORM, 1.40 MM THICK

SIZE	DWG. NO.	REV.
A1	34607	06

SCALE 6/1 SHEET 2 of 2