

NOTES:

1. ALL DIMENSIONING AND TOLERANCING CONFORM TO ANSI Y14.5-1982.
▲ DATUM PLANE  LOCATED AT MOLD PARTING LINE AND COINCIDENT WITH LEAD, WHERE LEAD EXITS PLASTIC BODY AT BOTTOM OF PARTING LINE.
▲ DATUMS  AND  TO BE DETERMINED AT CENTERLINE BETWEEN LEADS WHERE LEADS EXIT PLASTIC BODY AT DATUM PLANE .
▲ TO BE DETERMINED AT SEATING PLANE .
▲ 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.
▲ THESE DIMENSIONS TO BE DETERMINED AT DATUM PLANE .
8. PACKAGE TOP DIMENSIONS ARE SMALLER THAN BOTTOM DIMENSIONS AND TOP OF PACKAGE WILL NOT OVERHANG BOTTOM OF PACKAGE.
- ▲ 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, VARIATION BEC, BED, & BEE.
▲ 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				NIT E	
	MIN.	NDM.	MAX.		
A			1.60	13	
A1	0.05		0.15		
Ae	1.35	1.40	1.45		
D	16.00 BSC.			4	
D1	14.00 BSC.			7.8	
E	16.00 BSC.			4	
E1	14.00 BSC.			7.8	
L	0.45	0.60	0.75	9	
N	ø4.4				
e	1.00 BSC.				
b	0.35	0.42	0.50	9	
b1	0.35	0.40	0.45		
ccc			0.10		
ddd			0.20		

JEDEC VARIATION ALL DIMENSIONS IN MILLIMETERS						
SYMBOL	BEB			NIT E		
	MIN.	NOM.	MAX.			
A			1.60	13		
A1			0.15			
Ae		1.40	1.45			
D		16.00 BSC.		4		
D1		14.00 BSC.		7.8		
E		16.00 BSC.		4		
E1		14.00 BSC.		7.8		
L		0.45	0.60	0.75		
N		6.4				
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	BEC			NIT E	
	MIN.	NDM.	MAX.		
A			1.60	13	4
A1	0.05		0.15		
Ae	1.35	1.40	1.45		
D	16.00 BSC.				
D1	14.00 BSC.				7.8
E	16.00 BSC.				4
E1	14.00 BSC.				7.8
L	0.45	0.60	0.75		
N	80				
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		

*NOTE: THE 44 LEAD IS A COMPLIANT DEPOPULATION OF THE 52 LEAD MS-026 VARIATION BEA