

1. ALL DIMENSIONING AND TOLERANCES CONFORM TO ASME Y14.5-1994.
2. DATUM PLANE **H** LOCATED AT MOLD PARTING LINE AND COINCIDENT WITH LEAD WHERE LEAD EXITS PLASTIC BODY AT BOTTOM OF PARTING LINE.

1. ALL DIMENSIONS TO THE SPANNES CORNER TO ASSE 1748-1996.  
2. VITIL LEAD WHERE THE LEAD EXITS PLASTIC BODY AT ANGLE OF PARTING LINE.  
3. DIMENSIONS D2 AND D3 TO BE DETERMINED AT CENTERLINE BETWEEN DIMENSIONS D1 AND E1.  
4. DIMENSIONS D1 AND E1 TO BE DETERMINED AT PARTING LINE.  
5. DIMENSIONS D1 AND E1 INCLUDE NECK HEIGHT AND ARE DETERMINED AT PADDED PLANE.  
6. DIMENSIONS D2 AND E2 TERMINALS.  
7. DIMENSIONS D3 AND E3 TERMINALS.  
8. DIMENSIONS D4 AND E4 TERMINALS.  
9. DIMENSIONS D5 AND E5 TERMINALS.  
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218. DIMENSIONS D214 AND E214 TERMINALS.  
219. DIMENSIONS D215 AND

9. ALL DIMENSIONS ARE IN MILLIMETERS.
10. THE EXPRESSED PAD IS COINCIDENT WITH THE TOP OF BOTTOM FLANGE OF THE PACKAGE AND NOT ALLOWED TO PROTRUDE BEYOND THAT SURFACE.
11. THE LEAD SHALL BE LOCATED WITHIN THE LEAD SECTION OF THE LEAD BETWEEN 100 MM AND 125 MM FROM THE LEAD TO BOTTOM FLANGE OF THE PACKAGE.
12. THIS BRAVING CONFORMS TO JEDC REGISTERED OUTLINE NG-084-C.
13. VARIATION 3R1 AND 3R2.
14. THE LEAD DIMENSION IS NOT SPECIFIED IN JEDEC.
15.  $\Delta$  IS DEFINED AS THE DISTANCE FROM THE SEATING PLANE TO THE LODEST POINT OF THE PACKAGE BODY.
16. DIMENSION D1 AND D2 REPRESENT THE SIZE OF THE EXPRESSED PAD.
17. DIMENSION D3 IS THE DISTANCE FROM THE SEATING PLANE TO THE TOP OF THE PAD.
18. THE EXPRESSED PAD SHALL BE COINCIDENT WITH BOTTOM OF THE PACKAGE.
19. D1, D2 AND D3 ARE MEASURED ON THE BOTTOM DIAGONAL.
20. D1, D2 AND D3 ARE MEASURED ON THE LEAD SIZE.
21. DIMENSION D4 SHALL BE EXPRESSED DIA PAD SHALL BE WITHIN 0.20 MM.
22. CORNER CHAMFER OF THE EXPRESSED DIA PAD SHALL BE WITHIN 0.20 MM.

(CJDEC VARIATION)				M D T E
ALL DIMENSIONS IN MILLIMETERS				
S	BFB			
M	MIN.	NOM.	MAX.	
A	$\frac{7}{8}$	$\frac{7}{8}$	1.60	
A1	0.05	$\frac{7}{8}$	0.15	13
A2	1.35	1.40	1.45	
D	22.00 BSC.			4
D1	20.00 BSC.			7/8
E	22.00 BSC.			4
E1	20.00 BSC.			7/8
L	0.45	0.60	0.75	
N	3128, 144			
e	0.50 BSC.			
b	0.17	0.22	0.27	9
b1	0.17	0.20	0.23	
ccc	$\frac{7}{8}$	$\frac{7}{8}$	0.08	
ddd	$\frac{7}{8}$	$\frac{7}{8}$	0.08	

(JUEDEC VARIATION)					ALL DIMENSIONS IN MILLIMETERS	
S	M	B	D		N	T
L				BFC		
	MIN.		NOM.		MAX.	
A	$\frac{7}{8}$				1.60	
A1	0.05	$\frac{7}{8}$			0.15	13
A2	1.35		1.40		1.45	
D				22.00 BSC.		4
D1				20.00 BSC.		7.8
E				22.00 BSC.		4
E1				20.00 BSC.		7.8
L			0.60			
N				0.45		0.75
				176 LD		
e				0.40 BSC.		
b	0.13		0.18		0.23	9
b1	0.13		0.16		0.19	
ccc	$\frac{7}{8}$		$\frac{7}{8}$		0.08	
ddd	$\frac{7}{8}$		$\frac{7}{8}$		0.07	

\* NOTE: THE 128 LEAD IS A COMPLIANT DEPOPULATION OF THE 144 LEAD MS-026 VARIATION BFA.