

NOTES:

1. DIE THICKNESS ALLOWABLE IS 0.305mm MAXIMUM(.012 INCHES MAXIMUM)
2. DIMENSIONING & TOLERANCES CONFORM TO ASME Y14.5M. – 1994.
3. N IS THE NUMBER OF TERMINALS.
4. NDA, NDB ARE THE NUMBER OF TERMINALS IN X-DIRECTION & NEa, NEb ARE THE NUMBER OF TERMINALS IN Y-DIRECTION.
5. DIMENSION b APPLIES TO PLATED TERMINAL AND IS MEASURED BETWEEN 0.15 AND 0.30mm FROM TERMINAL TIP.
6. THE PIN #1 IDENTIFIER MUST BE EXISTED ON THE TOP SURFACE OF THE PACKAGE BY USING INDENTATION MARK OR OTHER FEATURE OF PACKAGE BODY.
7. EXACT SHAPE AND SIZE OF THIS FEATURE IS OPTIONAL.
8. ALL DIMENSIONS ARE IN MILLIMETERS.
9. UNILATERAL COPLANARITY ZONE APPLIES TO THE EXPOSED PAD AS WELL AS THE TERMINALS.
10. APPLIED ONLY FOR TERMINALS.

S <sub>y</sub> M <sub>B</sub> L	COMMON DIMENSIONS			N <sub>O</sub> T <sub>E</sub>
	MIN.	NOM.	MAX.	
A	—	0.85	0.90	
A1	0.00	0.01	0.05	8
A2	—	0.70	0.75	
A3	0.15 REF.			
D	9.00 BSC			
D1	8.74 BSC			
E	9.00 BSC			
E1	8.74 BSC			

S <sub>y</sub> M <sub>B</sub> L	PITCH VARIATION			N <sub>O</sub> T <sub>E</sub>
	MIN.	NOM.	MAX.	
eT	0.50 BSC			
eR	0.65 BSC			
N	116			3
NDA	16			3
NDB	13			3
NEa	16			3
NEb	13			3
La	0.30	0.40	0.50	
Lb	0.30	0.40	0.50	
b	0.17	0.22	0.27	4
D2	5.80	5.90	6.00	
E2	5.80	5.90	6.00	
θ	—	—	12°	
P	0.24	0.42	0.60	



TITLE PACKAGE OUTLINE, DUAL ROW M.F. 116 LEAD.  
 9 x 9 mm BODY, ETCHED, 0.50/0.65 mm LEAD PITCH,  
 INTERSTITIAL TYPE, PUNCH SIMULATION

PRINTING IS AN ACTUAL SCALE	FORM NO. MBF_LT_7JLWIG	DATE	31.4.32/6	REV	00
SIZE	A3	SCALE	1:1	DATE	2 of 2
REV	N/A	DATE		DATE	
REV	N/A	DATE		DATE	

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