

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 _y M _B L	COMMON DIMENSIONS			N _O T _E
	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 _y M _B L	PITCH VARIATION			N _O T _E
	MIN.	NOM.	MAX.	
eT	0.50 BSC			
eR	0.65 BSC			
N	108			3
NDA	14			3
NDB	13			3
NEA	14			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	5.60	5.70	5.80	
E2	5.60	5.70	5.80	
θ	—			12°
P	0.24	0.42	0.60	



TITLE PACKAGE OUTLINE, DUAL ROW M.F. 108 LEAD.
 9 x 9 mm BODY, ETCHED, 0.50/0.65 mm LEAD PITCH,
 INTERSTITIAL TYPE, PUNCH SIMULATION

FORM NO.	MBF_LT_7JUMG	DATE	312826	REV	00
PRINTING IS AN ACTUAL SCALE		SCALE	1:1		
FORM NO.	MBF_LT_7JUMG	DATE	001-0000-3817		
FORM NO.	A3	DATE	N/A		

THE DRAWINGS AND INFORMATION CONTAINED HEREIN ARE THE EXCLUSIVE PROPERTY OF AMKOR. THE INFORMATION, DRAWINGS AND DESIGN CONTAINED HEREIN ARE CONFIDENTIAL/PROPRIETARY TO AMKOR AND SHALL NOT BE RELEASED TO ANY THIRD PARTY WITHOUT THE EXPRESS WRITTEN PERMISSION OF AMKOR.

