

NOTES:

- 1. ALL DIMENSIONS AND TOLERANCES 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-E] TO BE DETERMINED WHERE CENTERLINE BETWEEN LEADS EXITS 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 .010"/0.254mm ON D1 AND E1 DIMENSIONS.
- 6. THIS IS THE TOTAL NUMBER OF TERMINALS.
- 7. THESE DIMENSIONS TO BE DETERMINED AT DATUM PLANE [H].
- 8. PACKAGE TOP DIMENSIONS ARE SMALLER THAN BOTTOM DIMENSIONS BY 0.20(0.08) MILLIMETERS.

- 9. DIMENSION b DOES NOT INCLUDE DAMBAR PROTRUSION, ALLOWABLE DAMBAR PROTRUSION SHALL BE 0.08mm/003" 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 PKG. FAMILY IS 0.635 MILLIMETERS.
- 12. THIS DRAWING CONFORMS TO JEDEC REGISTERED OUTLINE MO-112, EXCEPT THE FORM RADIIUS 'R'.

LD CNT.	ANAM/AMKOR	JEDEC
44	BA	AA-2
52	BB	AC-2


VARIAATIONS ALL DIMENSIONS IN MILLIMETERS

§	BA			BB		
	MIN.	NDM.	MAX.	MIN.	NDM.	MAX.
A	2.13	2.35	2.13	2.35		
A1	0.10	0.25	0.00	0.15	0.25	
A2	1.95	2.00	1.95	2.00	2.10	
D	13.65	13.90	13.65	13.90	14.15	
D1	9.90	10.00	9.90	10.00	10.10	
D2	8.00	REF.	7.80	REF.		
Z0	1.00	REF.	1.10	REF.		
E	13.65	13.90	13.65	13.90	14.15	
E1	9.90	10.00	9.90	10.00	10.10	
E2	8.00	REF.	7.80	REF.		
Zc	1.00	REF.	1.10	REF.		
L	0.73	0.88	0.73	0.88	1.03	
N	4.4		5.2			
e	0.80	B3C	0.65	B3C		
b	0.30	0.45	0.22	0.30	0.38	
b1	0.30	0.35	0.22	0.30	0.33	
aaa	0.16		0.12			

VARIAATIONS ALL DIMENSIONS IN INCHES

§	BA			BB		
	MIN.	NDM.	MAX.	MIN.	NDM.	MAX.
A	0.84	0.93	0.84	0.93		
A1	0.04	0.06	0.00	0.06	0.10	
A2	0.77	0.79	0.77	0.79	0.83	
D	0.537	0.547	0.537	0.547	0.557	
D1	0.390	0.394	0.390	0.394	0.398	
D2	0.315	REF.	0.307	REF.		
Z0	0.099	REF.	0.43	REF.		
E	0.537	0.547	0.537	0.547	0.557	
E1	0.390	0.394	0.390	0.394	0.398	
E2	0.315	REF.	0.307	REF.		
Zc	0.099	REF.	0.43	REF.		
L	0.029	0.035	0.029	0.035	0.046	
N	4.4		5.2			
e	0.0315	B3C	0.0256	B3C		
b	0.012	0.018	0.009	0.012	0.015	
b1	0.012	0.014	0.009	0.012	0.013	
aaa	0.006		0.005			

Amkor Technology, Inc.
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 Amkor Technology (Singapore), Inc.
 Singapore



PACKAGE OUTLINE: MGP-10 X 10 MM BODY,
 1.95/0.15 MM FORM, 2.00 MM THICK

32187

PRINTING IS SCALED TO FIT

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