

NOTES:

1. ALL DIMENSIONS AND TOLERANCES CONFORM TO ANSI Y14.5-1982.
- Δ DATUM PLANE [—B—] LOCATED AT MOLD PARTING LINE AND COINCIDENT WITH LEAD WHERE LEAD EXITS PLASTIC BODY AT BOTTOM OF PARTING LINE.
- Δ DATUMS [B—B] AND [D—D] TO BE DETERMINED WHERE CENTERLINE BETWEEN LEADS EXITS PLASTIC BODY AT DATUM PLANE [—C—] .
- Δ TO BE DETERMINED AT SEATING PLANE [—C—] .
- Δ DIMENSIONS D1 AND E1 DO NOT INCLUDE MOLD PROTRUSION. ALLOWABLE MOLD PROTRUSION IS 0.254 MM PER SIDE. DIMENSIONS D1 AND E1 DO INCLUDE MOLD MISMATCH AND ARE DETERMINED AT DATUM PLANE [—C—] .
- Δ "N" IS THE TOTAL NUMBER OF TERMINALS.
7. PACKAGE TOP DIMENSIONS ARE SMALLER THAN BOTTOM DIMENSIONS BY 0.20 MM, AND TOP OF PACKAGE WILL NOT OVERHANG BOTTOM OF PACKAGE.
- Δ DIMENSION b DOES NOT INCLUDE DAMBAR PROTRUSION. ALLOWABLE DAMBAR PROTRUSION SHALL BE 0.08 MM TOTAL IN EXCESS OF THE b DIMENSION AT MAXIMUM MATERIAL CONDITION. DAMBAR CANNOT BE LOCATED ON THE LOWER RADIUS OR THE FOOT.
9. ALL DIMENSIONS ARE IN MILLIMETERS.
10. MAXIMUM ALLOWABLE DIE THICKNESS TO BE ASSEMBLED IN THIS PKG. FAMILY IS 0.635 MM.
11. THIS DRAWING CONFORMS TO JEDEC REGISTERED OUTLINE MO-112.
- Δ THESE DIMENSIONS APPLY TO THE FLAT SECTION OF THE LEAD BETWEEN 0.10 MM AND 0.25 MM FROM THE LEAD TIP.

LD CNT.	ANAW/AMKOR	JEDEC MO-112
120	BA	DA-1
128	B8	DB-1
144	BC	DC-1
160	BD	DD-1
208	BE	
136	BF	<i>NA</i>

VARIATIONS

ALL DIMENSIONS IN MILLIMETERS

SYMBOL		VARIATIONS												ALL DIMENSIONS IN MILLIMETERS												NOTES	
		BA			BB			BC			BD			BE			BF										
		MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.										
A	~	3.70	4.07	3.70	4.07	~	3.70	4.07	~	3.70	4.07	~	3.70	4.07	~	3.70	4.07										
A1	0.25	~	0.25	0.33	~	0.25	0.33	~	0.25	0.33	~	0.25	0.33	~	0.25	0.33	~										
A2	3.17	3.37	3.67	3.17	3.37	3.67	3.17	3.37	3.67	3.17	3.37	3.67	3.17	3.37	3.67	3.17	3.37										
B	31.65	31.90	32.15	31.65	31.90	32.15	31.65	31.90	32.15	31.65	31.90	32.15	31.65	31.90	32.15	31.65	31.90										
D1	27.90	28.00	28.10	27.90	28.00	28.10	27.90	28.00	28.10	27.90	28.00	28.10	27.90	28.00	28.10	27.90	28.00										
D2	23.20 REF.			24.80 REF.			22.75 REF.			25.35 REF.			23.50 REF.			21.45 REF.											
D3	2.40 REF.			1.60 REF.			2.63 REF.			1.33 REF.			1.25 REF.			3.48 REF.											
E	31.65	31.90	32.15	31.65	31.90	32.15	31.65	31.90	32.15	31.65	31.90	32.15	31.65	31.90	32.15	31.65	31.90										
E1	27.90	28.00	28.10	27.90	28.00	28.10	27.90	28.00	28.10	27.90	28.00	28.10	27.90	28.00	28.10	27.90	28.00										
E3	23.20 REF.			24.80 REF.			22.75 REF.			25.35 REF.			23.50 REF.			21.45 REF.											
E4	2.40 REF.			1.60 REF.			2.63 REF.			1.33 REF.			1.25 REF.			3.48 REF.											
L	0.73	0.88	1.03	0.73	0.88	1.03	0.73	0.88	1.03	0.73	0.88	1.03	0.73	0.88	1.03	0.73	0.88										
N	120			128			144			160			208			136											
c	0.80 BSC.			0.80 BSC.			0.65 BSC.			0.65 BSC.			0.50 BSC.			0.65 BSC.											
b	~	0.45	0.30	~	0.45	0.22	0.38	0.22	0.38	0.13	0.25	0.22	0.38	0.13	0.25	0.22	0.38										
b1	0.30	0.35	0.40	0.30	0.35	0.40	0.22	0.30	0.33	0.22	0.30	0.33	0.22	0.30	0.33	0.22	0.30										
bA4	0.16			0.16			0.12			0.12			0.08			0.12											