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- 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 0.25 MM PER SIDE. DIMENSIONS D1 AND E1 DO INCLUDE MOLD MISMATCH AND ARE DETERMINED AT DATUM PLANE -H-.
6. 'N' IS THE TOTAL NUMBER OF TERMINALS.
7. PACKAGE TOP DIMENSIONS ARE SMALLER THAN BOTTOM DIMENSIONS AND TOP OF PACKAGE WILL NOT OVERHANG BOTTOM OF PACKAGE.
8. 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. CONTROLLING DIMENSION: MILLIMETER.
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, EXCEPT THE STANDOFF DIMENSIONS WHICH ARE: 0.10 MM TO 0.36 MM RATHER THAN 0.00 MM TO 0.25 MM.

LD CNT.	ANAM/AMKOR	JEDEC
64	CA-2	CA-2
80	CB-2	CB-2
100	CC-2	CC-2
128	CD-2	

VARIATIONS ALL DIMENSIONS IN MILLIMETERS

SYMBOL	CA-2			CB-2			CC-2			CD-2			NOTE
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.	
A			3.10			3.10			3.10			3.10	
A_1	0.10	0.23	0.36	0.10	0.23	0.36	0.10	0.23	0.36	0.10	0.23	0.36	
A_2	2.57	2.71	2.87	2.57	2.71	2.87	2.57	2.71	2.87	2.57	2.71	2.87	
D	23.65	23.90	24.15	23.65	23.90	24.15	23.65	23.90	24.15	23.65	23.90	24.15	4
D_1	19.90	20.00	20.10	19.90	20.00	20.10	19.90	20.00	20.10	19.90	20.00	20.10	5
D_3	18.00 REF.			18.40 REF.			18.85 REF.			18.5 REF.			
Z_D	1.00 REF.			0.80 REF.			0.58 REF.			0.75 REF.			
E	17.65	17.90	18.15	17.65	17.90	18.15	17.65	17.90	18.15	17.65	17.90	18.15	4
E_1	13.90	14.00	14.10	13.90	14.00	14.10	13.90	14.00	14.10	13.90	14.00	14.10	5
E_3	12.00 REF.			12.00 REF.			12.35 REF.			12.5 REF.			
Z_E	1.00 REF.			1.00 REF.			0.83 REF.			0.75 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	
N		64			80			100			128		
e	1.00 BSC			0.80 BSC			0.65 BSC			0.50 BSC			
B	0.35		0.50	0.30		0.45	0.22		0.38	0.13		0.28	8
B_1	0.35	0.40	0.45	0.30	0.35	0.40	0.22	0.30	0.33	0.13	0.20	0.25	
ccc		0.20			0.20			0.12			0.12		
N_D	19			24			30			38			
N_E	13			16			20			26			

TITLE	PACKAGE OUTLINE, MQFP, 14 X 20 MM BODY, 1.95/0.23 MM FORM, 2.71 MM THICK
SIZE B	DWG NO. 30649
REV. 14	
SCALE 3/1	SHEET 2 of 2