

NOTES:

1. ALL DIMENSIONS AND TOLERANCES CONFORM TO ANSI Y14.5-1992.
2. DATUM PLANE [E-E] LOCATED AT MOLD PARTING LINE AND COINCIDENT WITH LEAD, WHERE LEAD EXITS PLASTIC BODY AT BOTTOM OF PARTING LINE.
3. DATUMS [A-E] AND [E-E] TO BE DETERMINED WHERE CENTERLINE BETWEEN LEADS EXITS PLASTIC BODY AT DATUM PLANE [E-E].
4. TO BE DETERMINED AT SEATING PLANE [C-C].
5. DIMENSIONS D1 AND E1 DO NOT INCLUDE MOLD PROTRUSION ALLOWABLE MOLD PROTRUSION IS .010"/.254mm ON D1 AND E1 DIMENSIONS.
6. .7W IS THE TOTAL NUMBER OF TERMINALS.
7. THESE DIMENSIONS TO BE DETERMINED AT DATUM PLANE [E-E].
8. PACKAGE TOP DIMENSIONS ARE SMALLER THAN BOTTOM DIMENSIONS BY 0.20(0.009) MILLIMETERS.

9. DIMENSION b DOES NOT INCLUDE DAMBAR PROTRUSION. ALLOWABLE DAMBAR PROTRUSION SHALL BE 0.004" (0.1016mm) MAXIMUM EXCESS OF PLASTIC PROTRUSION A MAXIMUM OF 0.004" (0.1016mm) CONDITION. DAMBAR CANNOT BE LOCATED ON THE LOWER RADIUS OR THE FOOT.
10. CONTROLLING DIMENSION, MILLIMETER. INCHES ARE IN "< >".
11. MAXIMUM ALLOWABLE DIE THICKNESS TO BE ASSEMBLED IN THIS PKG. FAMILY IS 0.635 (0.025) MILLIMETERS.
12. THIS DRAWING CONFORMS TO JEDEC REGISTERED OUTLINE MO-112.

LD CNT.	ANAW/AMKQR	JEDEC
52	AB	BB-2
64	AC	BD-2
80	AD	BF-2

*#NOTE: DESIGNED BUT NOT TOOLED.

VARIATIONS ALL DIMENSIONS IN MILLIMETERS									
AB		AC		AD					
MIN.	NDM. MAX.	MIN.	NDM. MAX.	MIN.	NDM. MAX.				
✓	2.82 3.00	✓	2.82 3.00	✓	2.82 3.00				
A	0.10 0.15 0.25	0.10 0.15 0.25	0.10 0.15 0.25	0.10 0.15 0.25	0.10 0.15 0.25				
A ₁	2.55 2.67 2.75	2.55 2.67 2.75	2.55 2.67 2.75	2.55 2.67 2.75	2.55 2.67 2.75				
A ₂	17.65 17.90 18.15	17.65 17.90 18.15	17.65 17.90 18.15	17.65 17.90 18.15	17.65 17.90 18.15				
D	13.95 14.00 14.05	13.95 14.00 14.05	13.95 14.00 14.05	13.95 14.00 14.05	13.95 14.00 14.05				
D ₁	12.00 REF.	12.00 REF.	12.00 REF.	12.50 REF.	12.50 REF.				
D ₂	1.00 REF.	1.00 REF.	1.00 REF.	0.825 REF.	0.825 REF.				
D ₃	17.65 17.90 18.15	17.65 17.90 18.15	17.65 17.90 18.15	17.65 17.90 18.15	17.65 17.90 18.15				
E	13.95 14.00 14.05	13.95 14.00 14.05	13.95 14.00 14.05	13.95 14.00 14.05	13.95 14.00 14.05				
E ₁	12.00 REF.	12.00 REF.	12.00 REF.	12.50 REF.	12.50 REF.				
E ₃	1.00 REF.	1.00 REF.	1.00 REF.	0.825 REF.	0.825 REF.				
Z ₆	0.65 0.80 0.95	0.65 0.80 0.95	0.65 0.80 0.95	0.65 0.80 0.95	0.65 0.80 0.95				
L	1.00 REF.	1.00 REF.	1.00 REF.	1.00 REF.	1.00 REF.				
N	3E	64	64	80	80				
W	1.00 BSC.	0.80 BSC.	0.80 BSC.	0.65 BSC.	0.65 BSC.				
W	0.35 0.50	0.30 0.35	0.30 0.35	0.22 0.30	0.22 0.30				
b	0.35 0.40 0.45	0.30 0.35 0.40	0.30 0.35 0.40	0.22 0.30	0.22 0.30				
b ₁	0.20	0.15	0.15	0.12	0.12				
G004									

VARIATIONS									
ALL DIMENSIONS IN INCHES									
AB		AC		AD		H T			
MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.
✓	.111 .118	✓	.111 .118	✓	.111 .118				
A	.004 .006 .010	.004 .006 .010	.004 .006 .010	.004 .006 .010	.004 .006 .010				
A ₁	.100 .105 .108	.100 .105 .108	.100 .105 .108	.100 .105 .108	.100 .105 .108				
B	.549 .705 .715	.549 .705 .715	.549 .705 .715	.549 .705 .715	.549 .705 .715				
D	.549 .551 .553	.549 .551 .553	.549 .551 .553	.549 .551 .553	.549 .551 .553				
D ₁	.472 REF.	.472 REF.	.472 REF.	.406 REF.	.406 REF.				
D ₂	.029 REF.	.029 REF.	.029 REF.	.022 REF.	.022 REF.				
D ₃	.695 .705 .715	.695 .705 .715	.695 .705 .715	.695 .705 .715	.695 .705 .715				
E	.549 .551 .553	.549 .551 .553	.549 .551 .553	.549 .551 .553	.549 .551 .553				
E ₁	.472 REF.	.472 REF.	.472 REF.	.406 REF.	.406 REF.				
E ₃	.029 REF.	.029 REF.	.029 REF.	.022 REF.	.022 REF.				
Z ₆	.026 .031 .037	.026 .031 .037	.026 .031 .037	.026 .031 .037	.026 .031 .037				
L	52	64		80					
N									
W	.0394 BSC.	.0315 BSC.	.0315 BSC.	.0296 BSC.	.0296 BSC.				
W	.014 .016 .022	.012 .014 .016	.012 .014 .016	.009 .012 .015	.009 .012 .015				
b	.014 .016 .020	.012 .014 .016	.012 .014 .016	.009 .012 .013	.009 .012 .013				
b ₁	.008	.005	.005	.005	.005				