



-DRAWING NOT TO SCALE-

MAXIM			
TITLE: PACKAGE OUTLINE, 32L THIN QFN, 5x6x0.75mm			
APPROVAL	DOCUMENT CONTROL NO. 21-0183	REV. D	1/2

REF.	MIN.	NOM.	MAX.	NOTE
A	0.70	0.75	0.80	
A1	0	-	0.05	
A3	0.20 REF			
b	0.20	0.25	0.30	
D	4.90	5.00	5.10	
E	5.90	6.00	6.10	
e	0.50 BSC			
k	0.25	-	-	
L	0.35	0.40	0.45	ALL PINS
N	32			
ND	7			
NE	9			

EXPOSED PAD VARIATIONS						
PKG. CODE	D2			E2		
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.
T3256-1	3.50	3.60	3.70	4.50	4.60	4.70
T3256MN-1	3.50	3.60	3.70	4.50	4.60	4.70

NOTES:

1. DIMENSIONING & TOLERANCING CONFORM TO ASME Y14.5M-1994.
2. ALL DIMENSIONS ARE IN MILLIMETERS. ANGLES ARE IN DEGREES.
3. N IS THE TOTAL NUMBER OF TERMINALS.
4. THE TERMINAL #1 IDENTIFIER AND TERMINAL NUMBERING CONVENTION SHALL CONFORM TO JESD 95-1 SPP-012. DETAILS OF TERMINAL #1 IDENTIFIER ARE OPTIONAL, BUT MUST BE LOCATED WITHIN THE ZONE INDICATED. THE TERMINAL #1 IDENTIFIER MAY BE EITHER A MOLD OR MARKED FEATURE.
5. DIMENSION **b** APPLIES TO METALLIZED TERMINAL AND IS MEASURED BETWEEN 0.25mm AND 0.30mm FROM TERMINAL TIP.
6. ND AND NE REFER TO THE NUMBER OF TERMINALS ON EACH D AND E SIDE RESPECTIVELY.
7. DEPOPULATION IS POSSIBLE IN A SYMMETRICAL FASHION.
8. COPLANARITY APPLIES TO THE EXPOSED HEAT SINK SLUG AS WELL AS THE TERMINALS.
9. REFER TO JEDEC MO-220 (WHJD) EXCEPT D2 & E2 DIMENSIONS.
10. WARPAGE SHALL NOT EXCEED 0.10mm.
11. MARKING IS FOR PACKAGE ORIENTATION REFERENCE ONLY.
12. ALL DIMENSIONS APPLY TO BOTH LEADED (-) AND PbFREE (+) PKG. CODES.



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