



MAXIM

TITLE:
PACKAGE QULTINE
48L SAWN QFN, 7x7x0.9mm

APPROVAL	DOCUMENT CONTROL NO. 21-0199	REV. B	1/2
----------	---------------------------------	-----------	-----

-DRAWING NOT TO SCALE-

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. *N_d* AND *N_e* 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. WARPAGE SHALL NOT EXCEED 0.10mm.
10. MARKING SHOWN IS FOR PACKAGE ORIENTATION REFERENCE ONLY.
11. NUMBER OF LEADS SHOWN ARE FOR REFERENCE ONLY.
12. ALL DIMENSIONS APPLY TO BOTH LEADED (-) AND Pb FREE (+) PARTS.

DIMENSIONS			
SYMBOL	MIN.	NOM.	MAX.
A	0.80	0.85	0.90
A1	0	0.02	0.05
A2	0.20 REF.		
<i>b</i>	0.20	0.25	0.30
D	6.90	7.00	7.10
E	6.90	7.00	7.10
D2	5.40	5.50	5.60
E2	5.40	5.50	5.60
<i>e</i>	0.50 BSC.		
<i>k</i>	0.25	-	-
L	0.30	0.40	0.50
L1	-	-	-
N	48		
<i>N_d</i>	12		
<i>N_e</i>	12		
Pkg. Code: T4877MK-6			



TITLE: PACKAGE OUTLINE 48L SAWN QFN, 7x7x0.9mm			
APPROVAL	DOCUMENT CONTROL NO. 21-0199	REV. B	2/2