



**MAXIM**

TITLE:  
PACKAGE OUTLINE,  
48L 7x7x0.75mm TQFN WITH SFS

APPROVAL	DOCUMENT CONTROL NO. 21-0562	REV. A	1/2
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-DRAWING NOT TO SCALE-

COMMON DIMENSIONS			
PKG	48L 7x7		
SYMBOL	MIN.	NOM.	MAX.
A	0.70	0.75	0.80
A1	0	0.02	0.05
A2	0.20 REF.		
b	0.20	0.25	0.30
D	6.90	7.00	7.10
E	6.90	7.00	7.10
e	0.50 BSC.		
k	0.25	—	—
L	0.30	0.40	0.50
N	48		
ND	12		
NE	12		

EXPOSED PAD VARIATIONS						
PKG. CODES	D2			E2		
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.
T4877Y+1	4.95	5.10	5.25	4.95	5.10	5.25

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 0.25 mm AND 0.30 mm 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. DRAWING CONFORMS TO JEDEC MO220.
10. WARPAGE SHALL NOT EXCEED 0.10 mm.
11. MARKING IS FOR PACKAGE ORIENTATION REFERENCE ONLY.
12. NUMBER OF LEADS SHOWN ARE FOR REFERENCE ONLY.
13. ALL DIMENSIONS APPLY TO PbFREE (+) PKG. CODE ONLY.
14. Sn FINISH ON ALL SAWN EDGES OF LEADS.

			
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