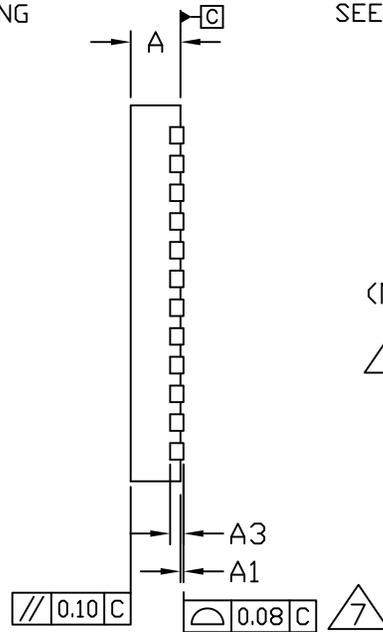
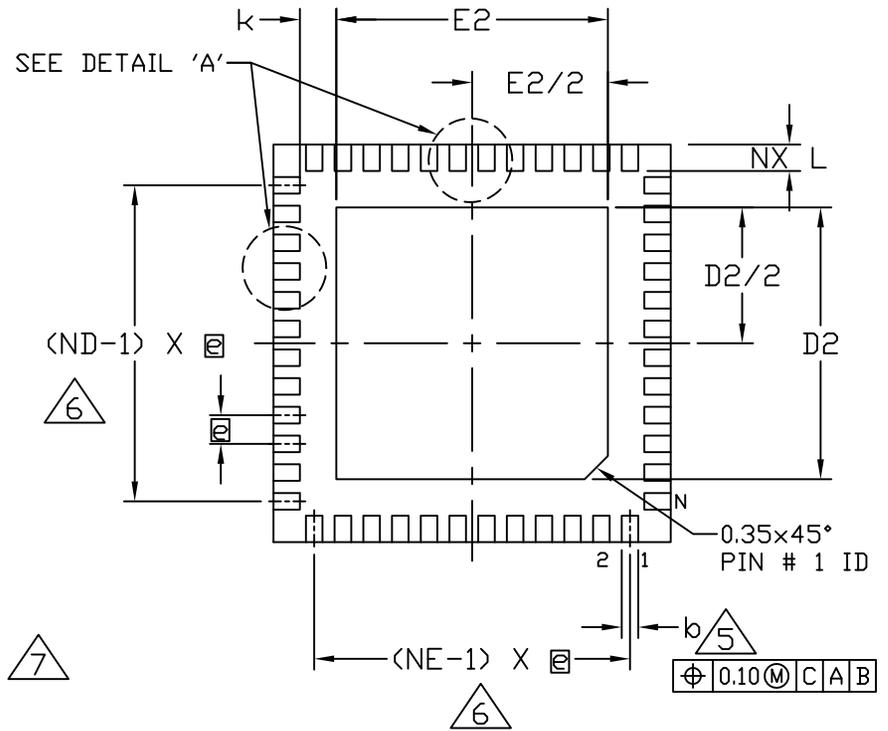


4

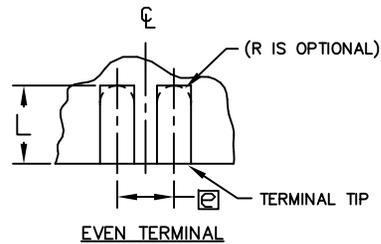
TOP VIEW



SIDE VIEW



BOTTOM VIEW



DETAIL 'A'

-DRAWING NOT TO SCALE-

MAXIM

TITLE:
PACKAGE OUTLINE, 48L
ULTRA THIN QFN, 6x6x0.5mm

APPROVAL
TIE WANG
09/07/10

DOCUMENT CONTROL NO.
21-0512

REV. 1/2
A

COMMON DIMENSIONS			
PKG.	48L 6x6		
SYMBOL	MIN.	NOM.	MAX.
A	0.45	0.50	0.55
A1	0	-	0.05
A3	0.127 REF.		
b	0.15	0.20	0.25
D	5.90	6.00	6.10
E	5.90	6.00	6.10
e	0.40 BSC.		
k	0.25	-	-
L	0.30	0.40	0.50
N	48		
ND	12		
NE	12		
JEDEC	MO-236 / MO-248		

EXPOSED PAD VARIATIONS						
PKG. CODE	D2			E2		
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.
V4866-1	4.52	4.62	4.72	4.52	4.62	4.72

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS, ANGLES IN DEGREES UNLESS OTHERWISE SPECIFIED
2. DIMENSIONING & TOLERANCING CONFORM TO ASME Y14.5M-1994.
3. MATERIAL MUST COMPLY WITH BANNED AND RESTRICTED SUBSTANCES SPEC # 10-0131.
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. COPLANARITY APPLIES TO THE EXPOSED HEAT SINK SLUG AS WELL AS THE TERMINALS.
8. N IS THE TOTAL NUMBER OF TERMINALS.
9. WARPAGE SHALL NOT EXCEED 0.10mm.
10. MARKING IS FOR PACKAGE ORIENTATION PURPOSE ONLY.
11. NUMBER OF LEADS SHOWN FOR REFERENCE ONLY.
12. ALL DIMENSIONS APPLY TO BOTH LEADED (-) AND PbFREE (+) PKG. CODES.



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REV. 2/2
A

-DRAWING NOT TO SCALE-