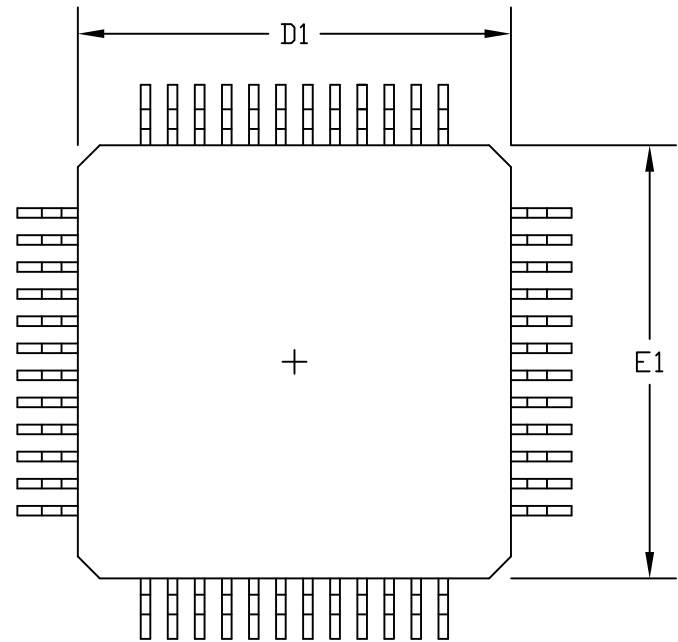
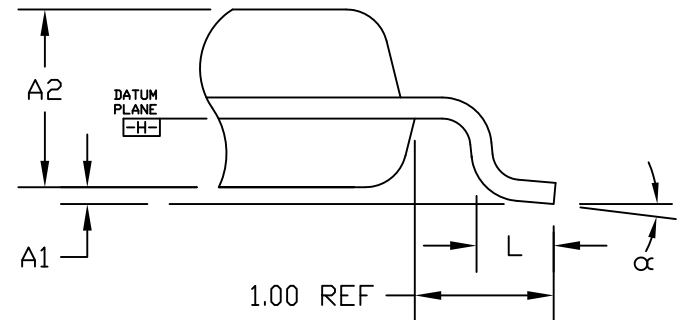
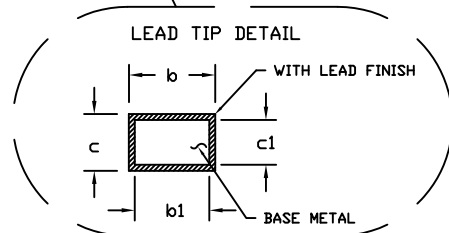
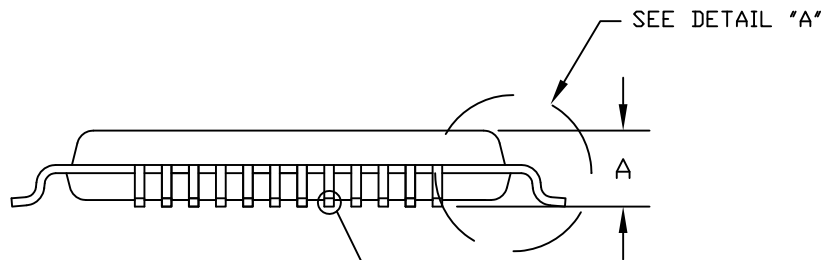


TOP VIEW



BOTTOM VIEW



DETAIL "A"

**MAXIM**

TITLE:  
PACKAGE OUTLINE,  
32/48L LQFP, 7x7x1.4mm

APPROVAL

DOCUMENT CONTROL NO.

REV.

21-0054

H

1/2

-DRAWING NOT TO SCALE-

NOTES:

1. ALL DIMENSIONING AND TOLERANCING CONFORM TO ANSI Y14.5-1982.
2. DATUM PLANE -H- IS LOCATED AT MOLD PARTING LINE AND COINCIDENT WITH LEAD, WHERE LEAD EXITS PLASTIC BODY AT BOTTOM OF PARTING LINE.
3. DIMENSIONS D1 AND E1 DO NOT INCLUDE MOLD PROTRUSION. ALLOWABLE MOLD PROTRUSION IS 0.25 MM ON D1 AND E1 DIMENSIONS.
4. THE TOP OF PACKAGE IS SMALLER THAN THE BOTTOM OF PACKAGE BY 0.15 MILLIMETERS.
5. DIMENSION *b* DOES NOT INCLUDE DAMBAR PROTRUSION. ALLOWABLE DAMBAR PROTRUSION SHALL BE 0.08 MM TOTAL IN EXCESS OF THE *b* DIMENSION AT MAXIMUM MATERIAL CONDITION.
6. ALL DIMENSIONS ARE IN MILLIMETERS.
7. THIS OUTLINE CONFORMS TO JEDEC PUBLICATION 95, REGISTRATION MS-026.
8. LEADS SHALL BE COPLANAR WITHIN .004 INCH.
9. 9 MARKING SHOWN IS FOR PACKAGE ORIENTATION REFERENCE ONLY.
10. NUMBER OF LEADS ARE SHOWN FOR REFERENCE ONLY.
11. ALL DIMENSIONS APPLY TO BOTH LEADED (-) AND PbFREE (+) PKG. CODES.

JEDEC VARIATION				
	BBA		BBC	
	MIN.	MAX.	MIN.	MAX.
A	--	1.60	--	1.60
A1	0.05	0.15	0.05	0.15
A2	1.35	1.45	1.35	1.45
D	8.90	9.10	8.90	9.10
D1	6.90	7.10	6.90	7.10
E	8.90	9.10	8.90	9.10
E1	6.90	7.10	6.90	7.10
e	0.8 BSC.		0.5 BSC.	
L	0.45	0.75	0.45	0.75
<i>b</i>	0.30	0.45	0.17	0.27
<i>b</i> 1	0.30	0.40	0.17	0.23
<i>c</i>	0.09	0.20	0.09	0.20
<i>c</i> 1	0.09	0.16	0.09	0.16
N	32		48	
$\alpha$	0°	7°	0°	7°
PKG. CODES	C32-1; C32-2; C48-1; C48-2; C48-3; C48-5; C48-6			



TITLE:  
PACKAGE OUTLINE,  
32/48L LQFP, 7x7x1.4mm

APPROVAL	DOCUMENT CONTROL NO. 21-0054	REV. H	2/2
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-DRAWING NOT TO SCALE-