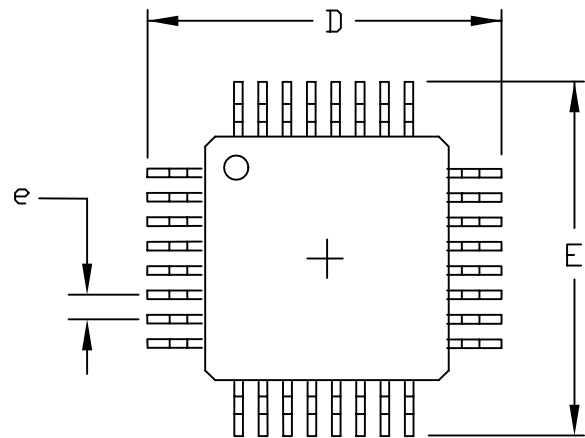
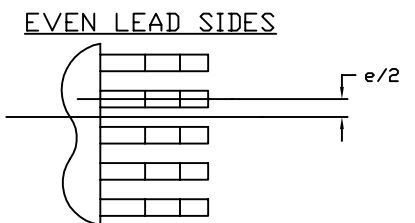
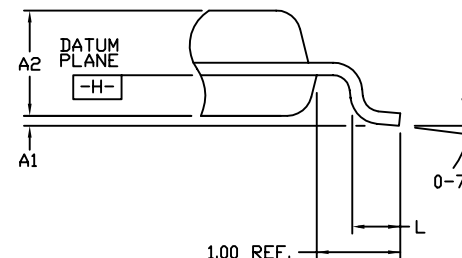
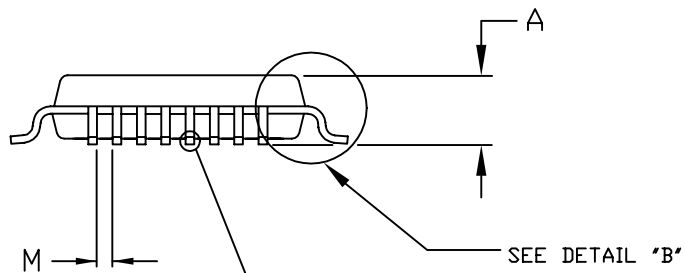
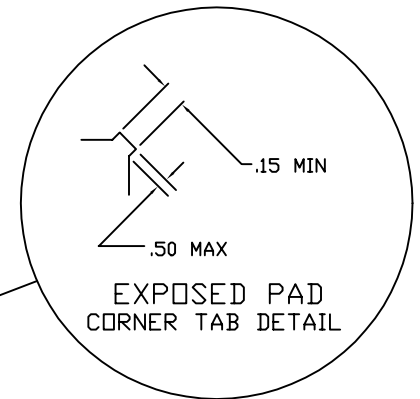
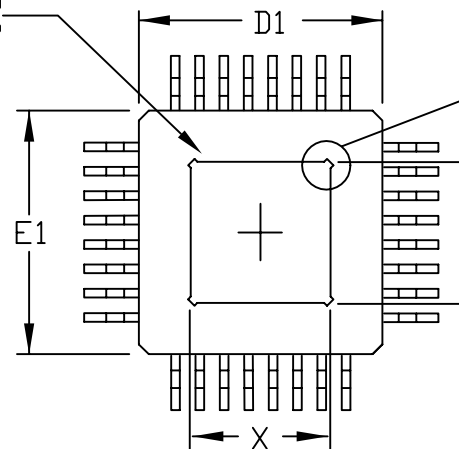


TOP VIEW



BOTTOM VIEW

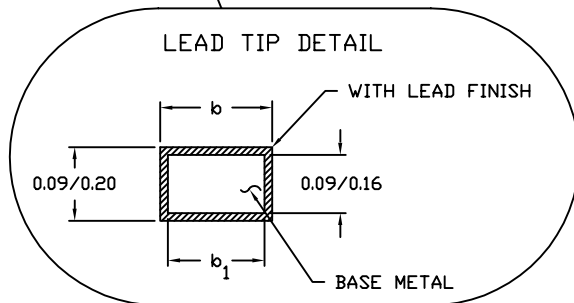
EXPOSED PAD  
(Note 10)



DETAIL "B"

DETAIL "A"

LEAD TIP DETAIL




<b>MAXIM</b>			
PROPRIETARY INFORMATION			
TITLE: PACKAGE OUTLINE, 32L, 5x5x1.0 MM TQFP WITH EP OPTION			
APPROVAL	DOCUMENT CONTROL NO.	REV	1/2
	21-0079	E	

NOTES:

1. ALL DIMENSIONING AND TOLERANCING CONFORM TO ANSI Y14.5-1982.
2. DATUM PLANE  $\square H$  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 0.254 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. CONTROLLING DIMENSION: MILLIMETER.
7. THIS OUTLINE CONFORMS TO JEDEC PUBLICATION 95, REGISTRATION MO-136.
8. LEADS SHALL BE COPLANAR WITHIN .004 INCH.
9. EXPOSED DIE PAD SHALL BE COPLANAR WITH BOTTOM OF PACKAGE WITHIN 2 MILS (.05 MM).
10. DIMENSIONS X AND Y APPLY TO EXPOSED PAD (EP) VERSIONS ONLY. SEE INDIVIDUAL PRODUCT DATASHEET TO DETERMINE IF A PRODUCT USES EXPOSED PAD PACKAGE.

	JEDEC VARIATIONS			
	DIMENSIONS IN MILLIMETERS			
	AA		AA-EP*	
	5x5x1.0 MM		5x5x1.0 MM	
	MIN.	MAX.	MIN.	MAX.
A	$\sim$	1.20	$\sim$	1.20
A <sub>1</sub>	0.05	0.15	0.05	0.15
A <sub>2</sub>	0.95	1.05	0.95	1.05
D	7.00 BSC.		7.00 BSC.	
D <sub>1</sub>	5.00 BSC.		5.00 BSC.	
E	7.00 BSC.		7.00 BSC.	
E <sub>1</sub>	5.00 BSC.		5.00 BSC.	
L	0.45	0.75	0.45	0.75
M	0.15	$\sim$	0.15	$\sim$
N	32		32	
e	0.50 BSC.		0.50 BSC.	
b	0.17	0.27	0.17	0.27
b <sub>1</sub>	0.17	0.23	0.17	0.23
*X	N/A	N/A	2.70	3.30
*Y	N/A	N/A	2.70	3.30

\* EXPOSED PAD  
(Note 10)

			
PROPRIETARY INFORMATION			
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APPROVAL	DOCUMENT CONTROL NO.	REV	
	21-0079	E	2/2