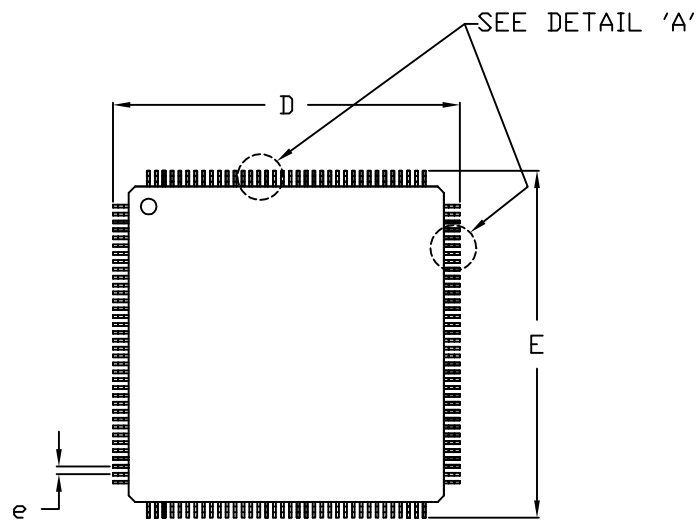
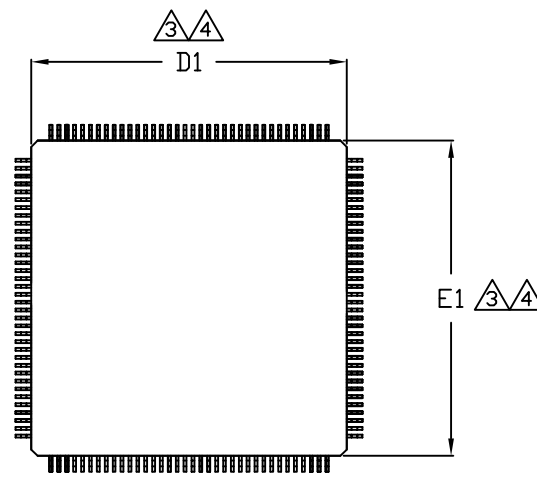


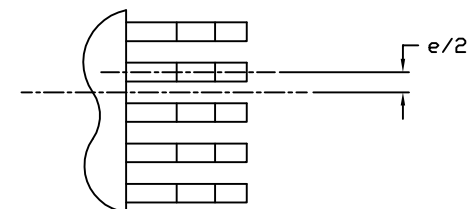
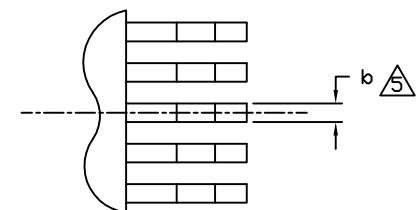


TOP VIEW

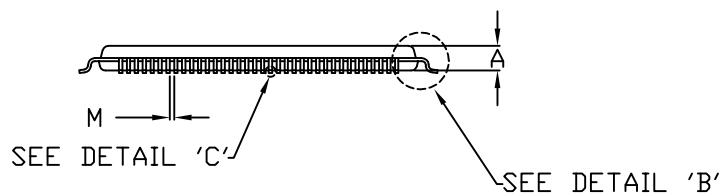


BOTTOM VIEW

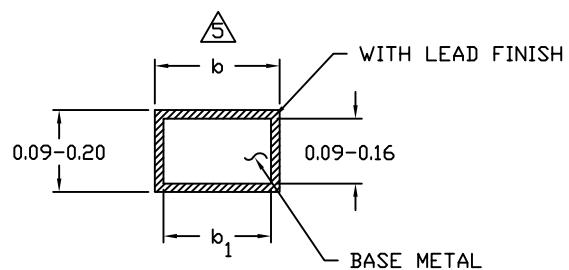
EVEN LEAD SIDES



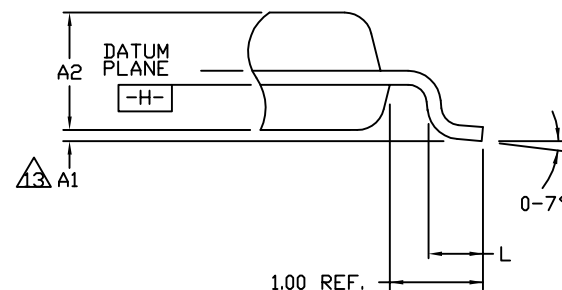
DETAIL "A"



SIDE VIEW



DETAIL C



DETAIL "B"

MAXIM

TITLE:
PACKAGE OUTLINE,
144L LQFP 20x20x1.4mm

APPROVAL
BRIAN ESTILLERO
03/16/12

DOCUMENT CONTROL NO.
21-0299

REV. C 1/2

-DRAWING NOT TO SCALE-

NOTES:

1. ALL DIMENSIONING AND TOLERANCES CONFIRM TO ASME Y14.5-1994.
2. DATUM PLANE [H] 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 PER SIDE.
4. PACKAGE TOP DIMENSIONS ARE SMALLER THAN THE BOTTOM BY 0.15 MILLIMETERS.
5. DIMENSION b DOES NOT INCLUDE DAMBAR PROTRUSION. ALLOWABLE DAMBAR PROTRUSION SHALL BE 0.08mm TOTAL IN EXCESS OF THE b DIMENSION AT MAXIMUM MATERIAL CONDITION.
6. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
7. THIS OUTLINE CONFORMS TO JEDEC PUBLICATION 95 REGISTRATION MS-026.
8. LEADS SHALL BE COPLANAR WITHIN 0.10mm.
9. MATERIAL MUST COMPLY WITH BANNED AND RESTRICTED SUBSTANCES SPEC# 10-0131
10. ALL DIMENSIONS APPLY TO BOTH LEADED (-) AND PbFREE (+) PKG. CODES.

S Y M B O L	DIMENSIONS	
	MIN.	MAX.
A	-	1.60
A ₁	0.05	0.15
A ₂	1.35	1.45
D	21.80	22.20
D ₁	19.80	20.20
E	21.80	22.20
E ₁	19.80	20.20
L	0.45	0.75
M	0.11	-
N	144	
e	0.50 BSC.	
b	0.17	0.27
b ₁	0.17	0.23
PKG CODE	C144L-2, C144L-5	

-DRAWING NOT TO SCALE-

			
TITLE: PACKAGE OUTLINE, 144L LQFP 20x20x1.4mm			
APPROVAL BRIAN ESTILLERO 03/16/12	DOCUMENT CONTROL NO. 21-0299	REV. C	2/2