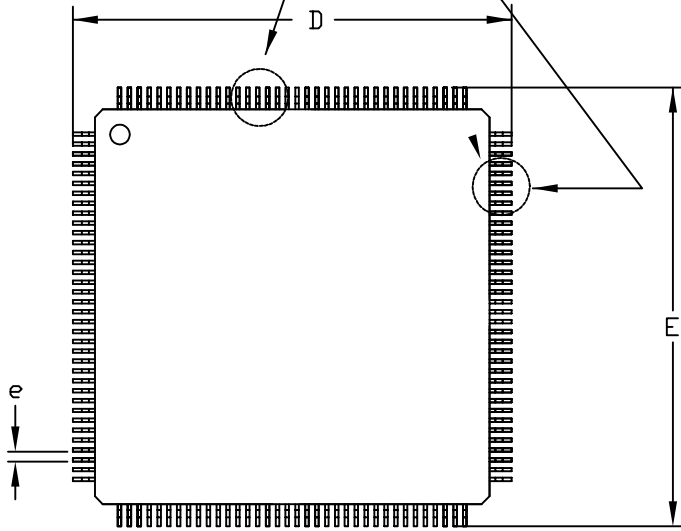
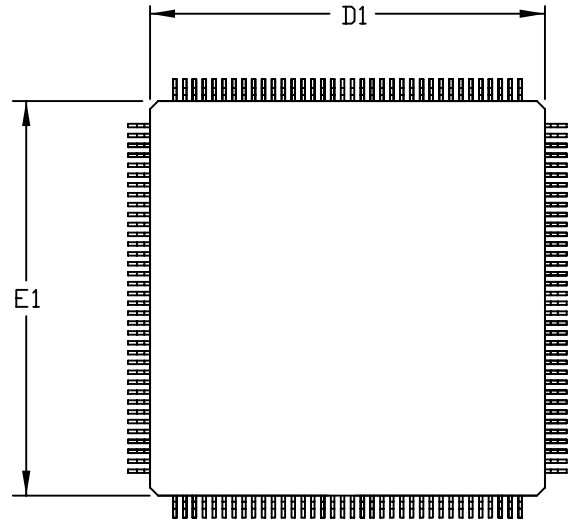


REVISIONS			
LTR.	DESCRIPTION	DATE	APPROVED
A	NEW DRAWING	07/04	

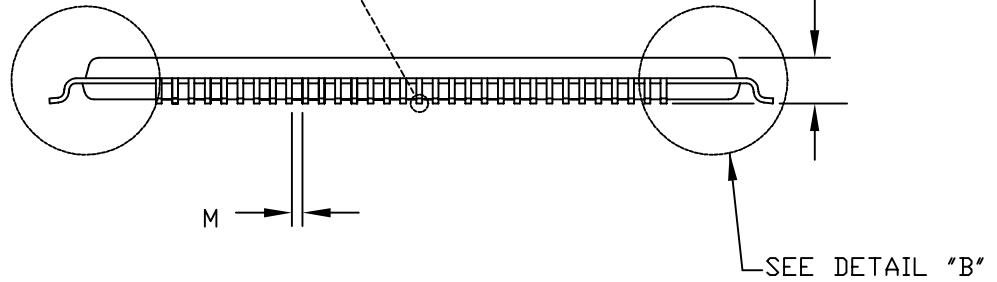
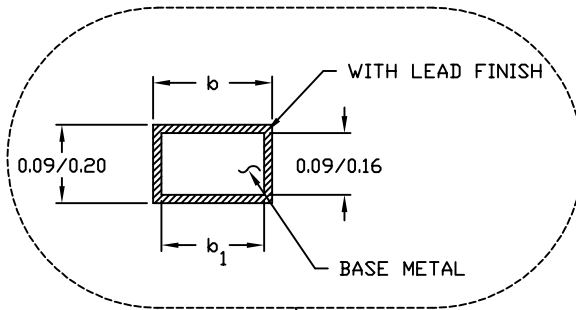
SEE DETAIL "A"
(PAGE 2)



TOP VIEW



BOTTOM VIEW



SIDE VIEW

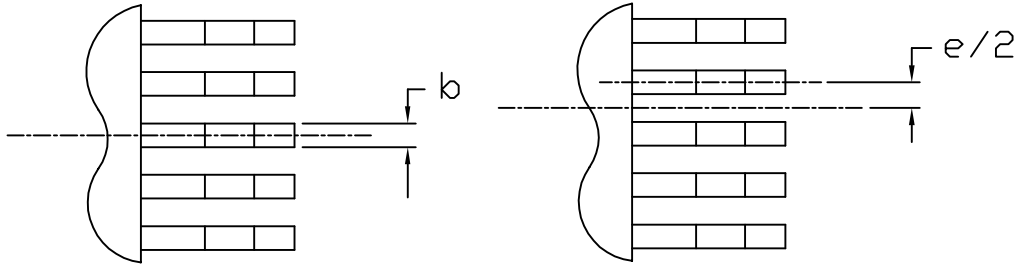
SYMBOL	TQFP PACKAGE VARIATION ALL DIMENSIONS IN MILLIMETERS	
	MIN.	MAX.
A	144L, 20x20x1.4	
A ₁	0.05	0.15
A ₂	1.35	1.45
D	21.80	22.20
D ₁	19.80	20.20
E	21.80	22.20
E ₁	19.80	20.20
L	0.45	0.75
M	0.11	
N	144	
e	0.50 BSC	
b	0.17	0.27
b ₁	0.17	0.23

SIGNATURE	DATE
DDC. CONTROL:	
ENGR. MGR:	
MFG. ENGR:	
CHECKED BY: TWM	07/04
DRAWN BY: JFD	07/04

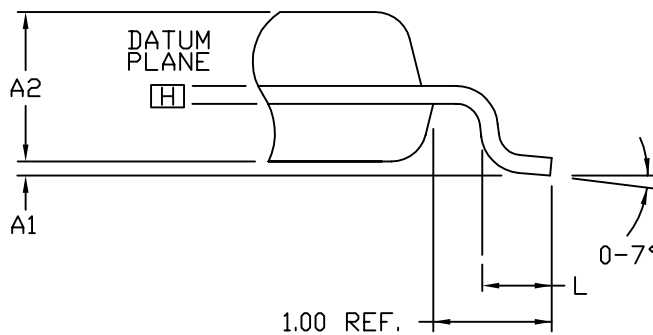
TITLE MARKETING OUTLINE DRAWING 20MM X 20MM X 1.4MM, 144L LQFP			
SIZE A	FSCM NO. N/A	PART NO. 56-G6037-001	REV. A
SCALE N/A		SHEET 1 of 2	

ODD LEAD SIDES

EVEN LEAD SIDES



DETAIL "A"



DETAIL "B"

NOTES:

1. ALL DIMENSIONING AND TOLERANCING CONFORM TO ANSI Y14.5-1982.
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 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 0.08mm TOTAL IN EXCESS OF THE *b* DIMENSION AT MAXIMUM MATERIAL CONDITION.
6. CONTROLLING DIMENSION: MILLIMETER.
7. THIS OUTLINE CONFORMS TO JEDEC PUBLICATION 95 REGISTRATION MS-026.
8. LEADS SHALL BE COPLANAR WITHIN 0.08 MM.

SIGNATURE		DATE					
DDC. CONTROL:							
ENGR. MGR:				TITLE MARKETING OUTLINE DRAWING 20MM X 20MM X 1.4MM, 144L LQFP			
MFG. ENGR:							
CHECKED BY:	TWM	07/04	SIZE	FSCM NO.	PART NO.	REV.	
DRAWN BY:	JFD	07/04	A		56-G6037-001	A	
SCALE				N/A		SHEET	2 of 2