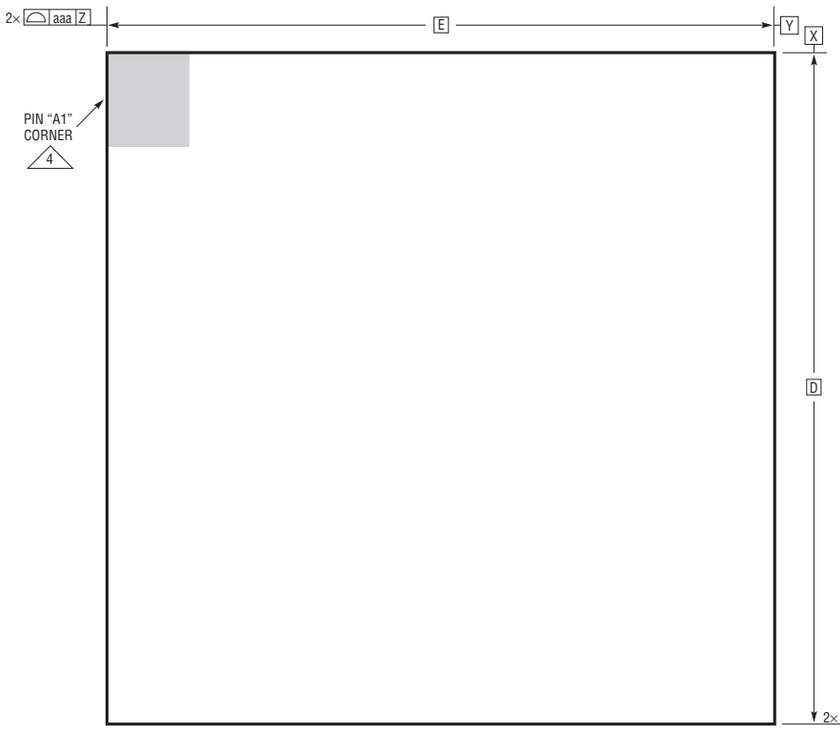
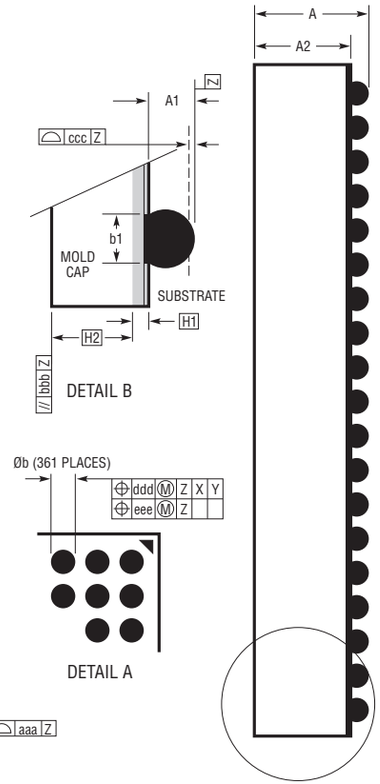
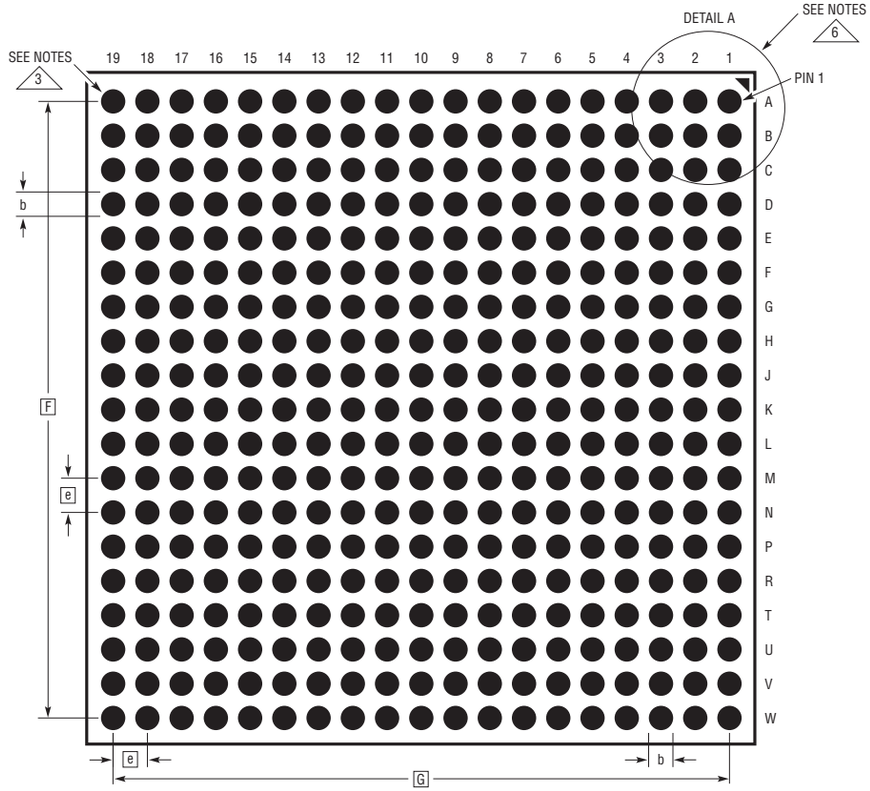
BGA Package
361-Lead (16mm × 16mm × 4.72mm)
(Reference LTC DWG# 05-08-1601 Rev A)



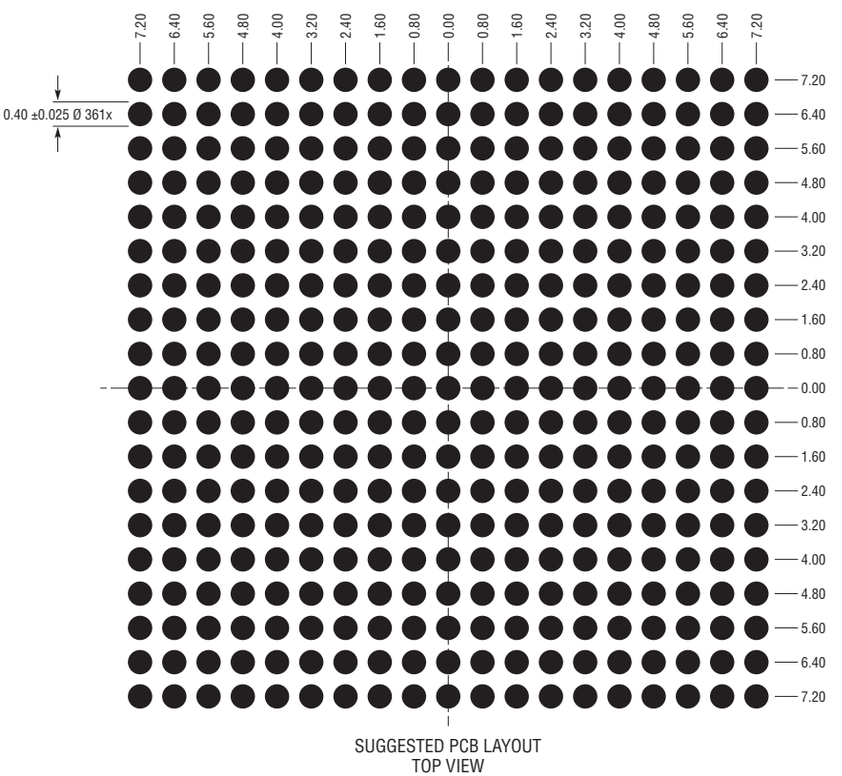
PACKAGE TOP VIEW



DETAIL B
PACKAGE SIDE VIEW



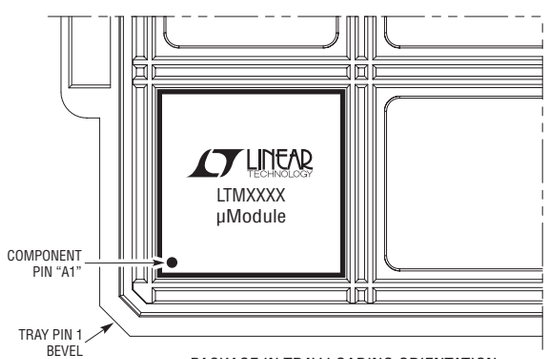
PACKAGE BOTTOM VIEW



SUGGESTED PCB LAYOUT
TOP VIEW

DIMENSIONS				
SYMBOL	**MIN**	**NOM**	**MAX**	**NOTES**
A	4.53	4.72	4.91	
A1	0.30	0.40	0.50	BALL HT
A2	4.23	4.32	4.41	
b	0.45	0.50	0.55	BALL DIMENSION
b1	0.37	0.40	0.43	PAD DIMENSION
D		16.00		
E		16.00		
e		0.80		
F		14.40		
G		14.40		
H1		0.32		SUBSTRATE THK
H2		4.00		MOLD CAP HT
aaa			0.15	
bbb			0.20	
ccc			0.20	
ddd			0.15	
eee			0.08	
TOTAL NUMBER OF BALLS: 361				

NOTES:
1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994
2. ALL DIMENSIONS ARE IN MILLIMETERS
3. BALL DESIGNATION PER JEP95
4. DETAILS OF PIN #1 IDENTIFIER ARE OPTIONAL, BUT MUST BE LOCATED WITHIN THE ZONE INDICATED. THE PIN #1 IDENTIFIER MAY BE EITHER A MOLD OR MARKED FEATURE
5. PRIMARY DATUM -Z- IS SEATING PLANE
6. ⚠ PACKAGE ROW AND COLUMN LABELING MAY VARY AMONG µModule PRODUCTS. REVIEW EACH PACKAGE LAYOUT CAREFULLY



PACKAGE IN TRAY LOADING ORIENTATION

BGA 361 0218 REV A