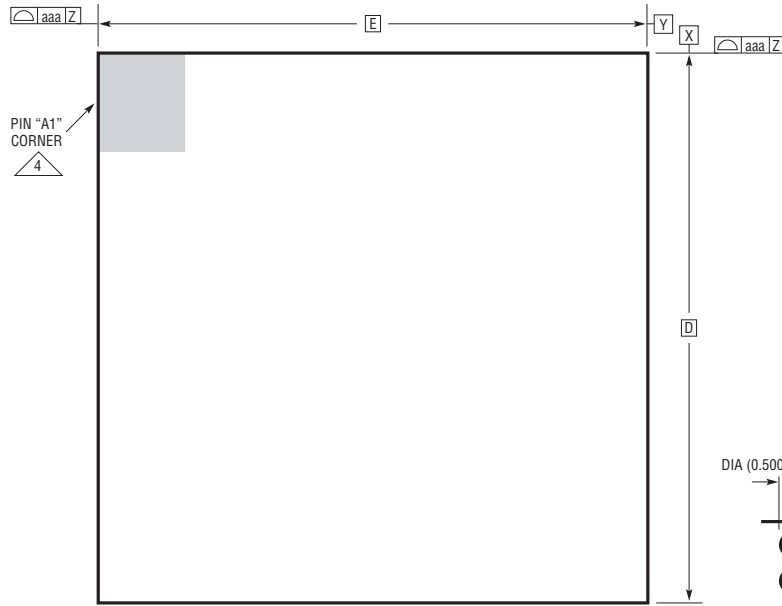
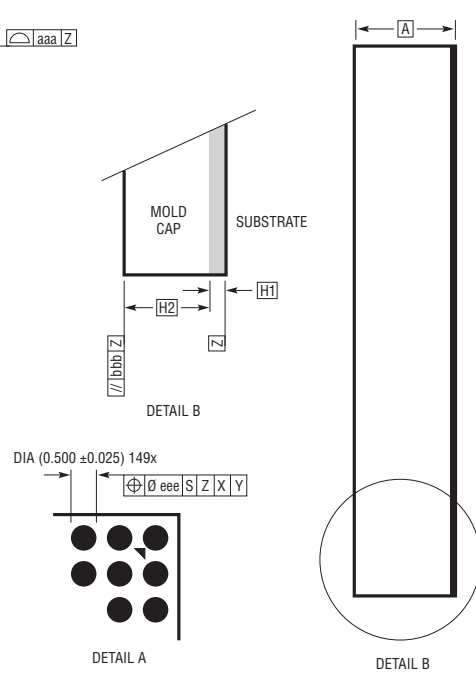


LGA Package
149-Lead (15mm × 15mm × 1.67mm)
 (Reference LTC DWG# 05-08-1944 Rev A)

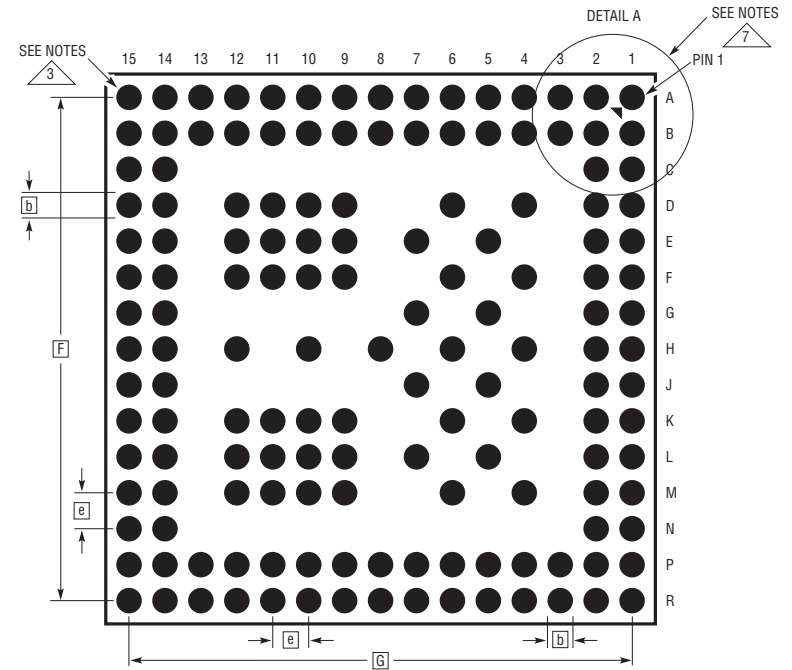


PACKAGE TOP VIEW

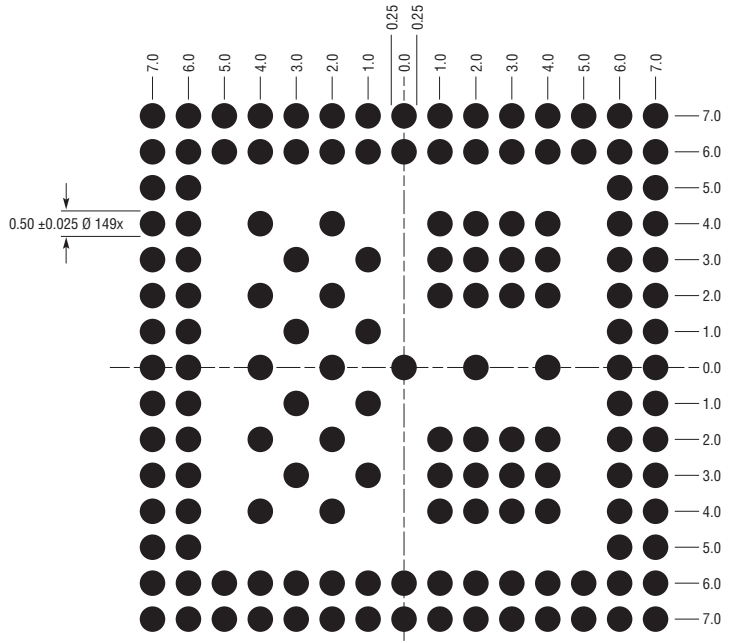


DETAIL A

DETAIL B



PACKAGE BOTTOM VIEW



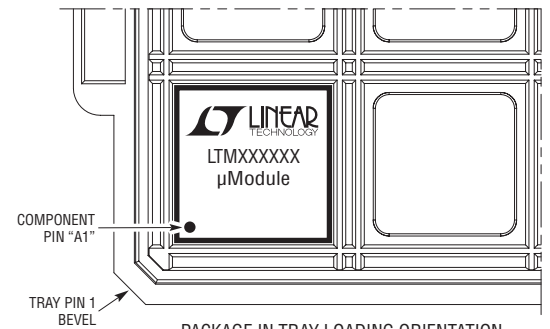
SUGGESTED PCB LAYOUT TOP VIEW

DIMENSIONS				
SYMBOL	MIN	NOM	MAX	NOTES
A	1.58	1.67	1.76	
b	0.45	0.50	0.55	
D		15.0		
E		15.0		
e		1.0		
F		14.0		
G		14.0		
H1	0.40	0.45	0.50	
H2	1.18	1.22	1.26	
aaa			0.15	
bbb			0.10	
eee			0.05	

TOTAL NUMBER OF LGA PADS: 149

NOTES:

1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994
2. ALL DIMENSIONS ARE IN MILLIMETERS
- 3 LAND DESIGNATION PER JESD MO-222, SPP-010
- 4 DETAILS OF PAD #1 IDENTIFIER ARE OPTIONAL, BUT MUST BE LOCATED WITHIN THE ZONE INDICATED. THE PAD #1 IDENTIFIER MAY BE EITHER A MOLD OR MARKED FEATURE
5. PRIMARY DATUM -Z- IS SEATING PLANE
6. THE TOTAL NUMBER OF PADS: 149
- 7 PACKAGE ROW AND COLUMN LABELING MAY VARY AMONG µModule PRODUCTS. REVIEW EACH PACKAGE LAYOUT CAREFULLY



PACKAGE IN TRAY LOADING ORIENTATION