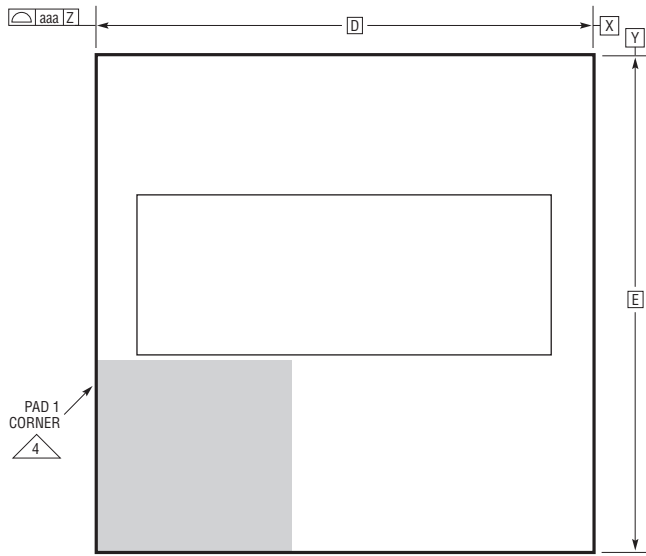
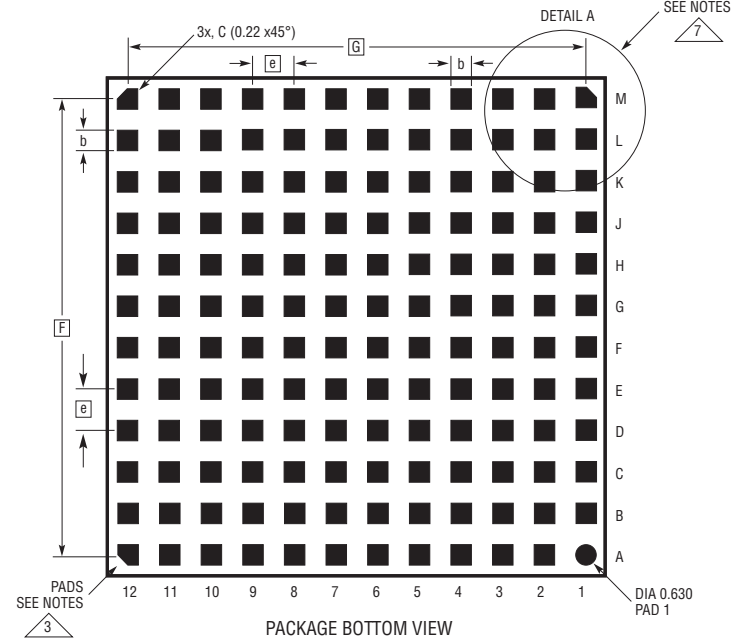
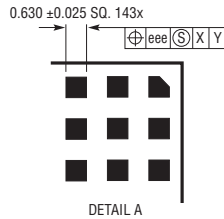
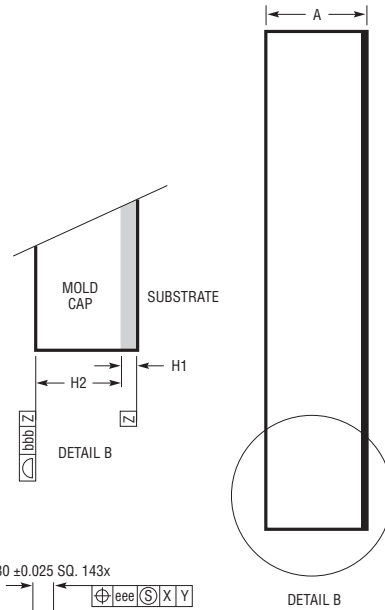


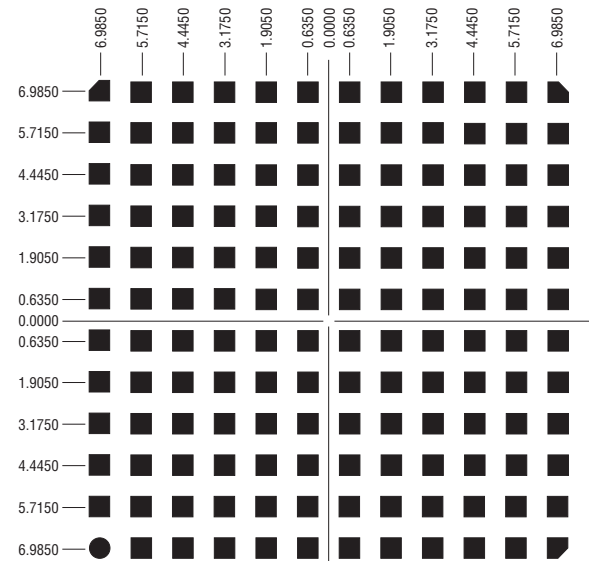
**LGA Package**  
**144-Lead (15mm × 15mm × 4.41mm)**  
 (Reference LTC DWG # 05-08-1844 Rev C)



PACKAGE TOP VIEW



PACKAGE BOTTOM VIEW

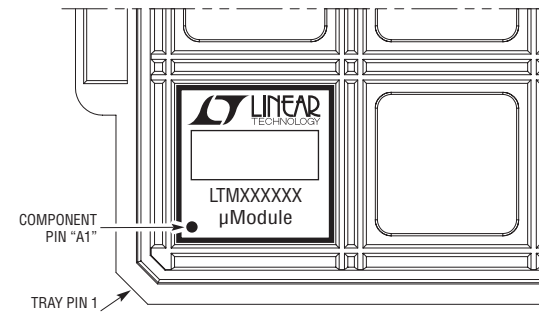


SUGGESTED PCB LAYOUT  
TOP VIEW

DIMENSIONS				
SYMBOL	MIN	NOM	MAX	NOTES
A	4.31	4.41	4.51	
b	0.60	0.63	0.66	
D		15.00		
E		15.00		
e		1.27		
F		13.97		
G		13.97		
H1	0.36	0.41	0.46	
H2	3.95	4.00	4.05	
aaa			0.15	
bbb			0.10	
eee			0.05	

TOTAL NUMBER OF LGA PADS: 144

- 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: 144
  - 7 PACKAGE ROW AND COLUMN LABELING MAY VARY AMONG μModule PRODUCTS. REVIEW EACH PACKAGE LAYOUT CAREFULLY



PACKAGE IN TRAY LOADING ORIENTATION