LGA Package 141-Lead (15mm \times 15mm \times 2.82mm) (Reference LTC DWG # 05-08-1815 Rev C)

SEE NOTES DETAIL A /8\ aaa Z 0.12 - 0.2815 BSC 2.72 - 2.92 13.97 BSC BSC MOLD SUBSTRATE 1.27 **←** 0.27 − 0.37 BSC PAD 1 / CORNER 2.45 - 2.55DETAIL B 4 Z qqq aaa Z PADS SEE NOTES 10 2 PACKAGE TOP VIEW PAD 1 /3\ PACKAGE BOTTOM VIEW 0.630 ±0.025 SQ. 141x DETAIL B eee S X Y DETAIL C 0.6350 0.0000 0.6350 DETAIL A DETAIL C NOTES: 1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994 2. ALL DIMENSIONS ARE IN MILLIMETERS LAND DESIGNATION PER JESD MO-222, SPP-010 DETAILS OF PAD #1 IDENTIFIER ARE OPTIONAL LINEAR BUT MUST BE LOCATED WITHIN THE ZONE INDICATED. 0.6350 THE PAD #1 IDENTIFIER MAY BE EITHER A MOLD OR LTMXXXXXX MARKED FEATURE μModule PAD #1 IDENTIFIER ON THE PACKAGE BOTTOM, COMPONENT CAN BE SHIPPED WITH OR WITHOUT A TRIANGLE MARKER. PIN "A1" 6. PRIMARY DATUM -Z- IS SEATING PLANE TRAY PIN 1 7. THE TOTAL NUMBER OF PADS: 141 **BEVEL** PACKAGE ROW AND COLUMN LABELING MAY VARY PACKAGE IN TRAY LOADING ORIENTATION AMONG µModule PRODUCTS. REVIEW EACH PACKAGE LGA 141 1212 REV C

SYMBOL	TOLERANCE
aaa	0.15
bbb	0.10
eee	0.05

SUGGESTED PCB LAYOUT TOP VIEW

LAYOUT CAREFULLY