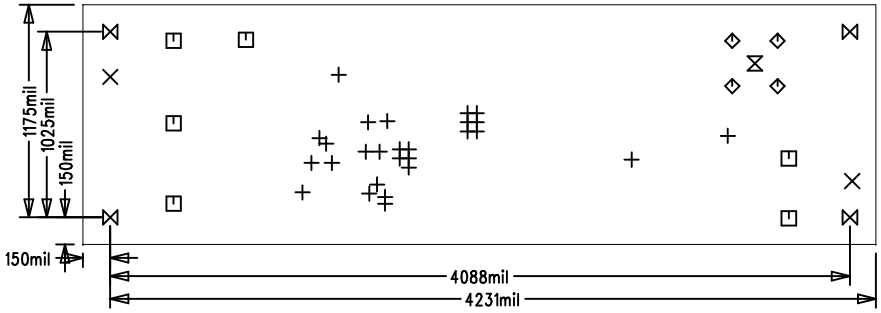
514A_Rev1.pcb - Thu Jan 22 14:42:14 2004

| REVISIONS | | |
|---|---|---|
| DESCRIPTION | APPR | DATE |
| PROTOTYPE RELEASE | | |

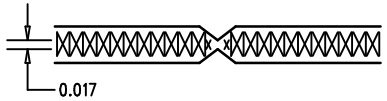



DRILL DRAWING LAYER
LINEAR TECHNOLOGY
DC514A-LT1738EG
ULTRA LOW NOISE BOOST REGULATOR

SHOWN FROM COMPONENT SIDE

## NOTES : Unless Otherwise Specified

1. MATERIAL : FR4 OR EQUIVALENT EPOXY, 2 OZ. COPPER CLAD
   THICKNESS .062 +/-.006 TOTAL OF 4 LAYERS.
2. FINISH : ALL PLATED HOLES .001 MIN. / .0015 MAX. COPPER PLATE
   ELECTRODEPOSITED TIN-LEAD COMPOSITION
   BEFORE REFLOW , SOLDER MASK OVER BARE COPPER (SMOBC).
3. SOLDER MASK : BOTH SIDES USING LPI OR EQUIVALENT.
4. SILKSCREEN : USING WHITE NON-CONDUCTIVE EPOXY INK.
5. UNUSED SMD COMPONENTS SHOULD BE FREE OF SOLDER.
6. FILL UP ALL VIAS WITH SOLDER.
7. SCORING:




| SIZE | QTY | SYM | PLTD |
|---|---|---|---|
| 15 | 27 | + | PLTD |
| 70 | 2 | X | NPLTD |
| 94 | 6 | □ | PLTD |
| 52 | 4 | ◇ | PLTD |
| 59 | 1 | ⧖ | PLTD |
| 125 | 4 | ⋈ | PLTD |

| APPROVALS | | |
|---|---|---|
| | INIT | DATE |
| DRAWN | | |
| CHECK | | |
| DESIGN | RUDY B. | |
| ENGR | DAVID C. | |
| SCALE = NONE | | |

LINEAR TECHNOLOGY
1630 McCarthy Blvd.
Milpitas, CA 95035
PH: (408)432-1900

TITLE: FABRICATION DRAWING
ULTRA LOW NOISE BOOST REGULATOR

| SIZE | DEMO | REV. |
|---|---|---|
| A | DC514-LT1738EG | A |

DES- 230538 | SHT 1 of 1