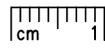
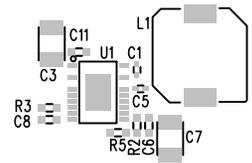


**LT8630**  
**100V, 0.6A, SYNCHRONOUS STEP-DOWN**  
**MICROPOWER HIGH EFFICIENCY SWITCHING REGULATOR**  
**DEMO CIRCUIT 2504A**



MH3

MH2

E3  
GND

E2  
VIN  
13V-100V



E4  
EN/UV

TR/SS  
E7

PG  
E1



MH4

VOUT  
12V/0.6A

E5



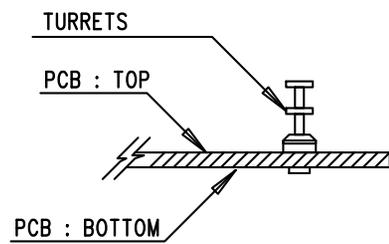
E6

GND

MH1

**NOTES: UNLESS OTHERWISE SPECIFIED**

1. WORKMANSHIP SHALL BE IN ACCORDANCE WITH IPC-A-610. MAXIMUM SOLDER TEMPERATURE IS 240 DEG C.
2. ASSEMBLY PROCESS SHALL INCLUDE: REFLOW SOLDER TOP SIDE SMD.
3. PARTS TO OMIT WILL BE SPECIFIED ON THE BILL OF MATERIALS. LOCATIONS OF OMITTED PARTS SHALL BE FREE OF SOLDER. MASK THE SOLDER STENCIL WHERE SMT PARTS ARE OMITTED.
4. INSTALL SHUNTS AS SHOWN ON ASSY DRAWING.
5. DEPANELIZE BOARDS AFTER ASSEMBLY AND ROUTE-OUT THE BREAKOUT TABS ON FOUR SIDES OF THE BOARD EDGE.
6. DO NOT APPLY ANY KIND OF ASSEMBLY STAMP OR QA STAMP TO ANY BOARD.
7. INSTALL 4 STANDOFFS AT 4 LOCATIONS AS SHOWN BELOW:



<b>LINEAR TECHNOLOGY</b>		1630 MCCARTHY BLVD MILPITAS, CA 95035 PH: (408)432-1900 www.linear.com LTC CONFIDENTIAL- FOR CUSTOMER USE ONLY	
TITLE: TOP ASSEMBLY DRAWING			
100V, 0.6A, SYNCHRONOUS STEP-DOWN MICROPOWER HIGH EFFICIENCY SWITCHING REGULATOR			
SIZE	IC NO.	LT8630EFE DC2504A	REV. 2
FILENAME: DC2504A-2.PCB		SHT 1 OF 2	