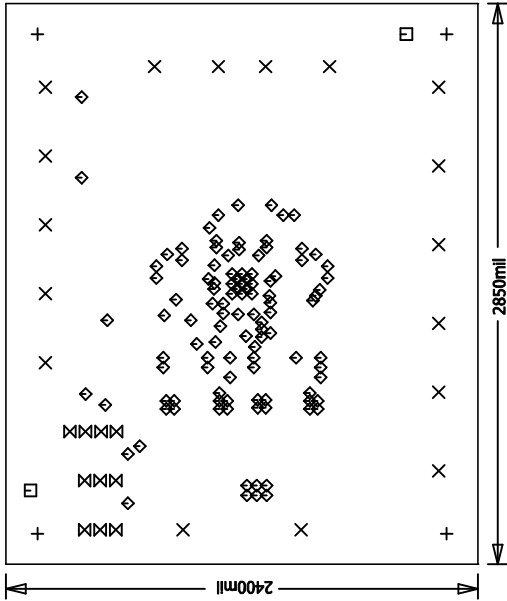


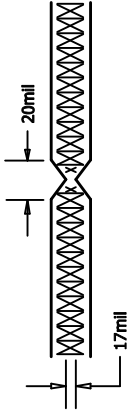
DATE: 09/24/2010  
DRAWN BY: J. GARDNER  
LINEAR TECHNOLOGY  
DEMO CIRCUIT 1480A - LTC3865EUH-1  
DUAL 5A BUCK CONVERTER WITH PIN SELECTABLE OUTPUTS



### NOTES : Unless Otherwise Specified

1. FAB PER IPC-A-600.
2. MATERIAL: EPOXY FIBERGLASS, NEMA GRADE FR-4.  
2 OZ. COPPER FINISH ON EXTERNAL LAYERS.  
1 OZ. COPPER FINISH ON INTERNAL LAYERS.  
THICKNESS .062 +/- .006 TOTAL OF 4 LAYERS.  
FLAMMABILITY RATING: 94 V-0 MINIMUM .
3. SIZE: DIMENSIONS SHOWN AND TOLERANCES +/-0.010  
0.00 ARE PRIMARY DATUMS.
4. DRILLING: DRILL HOLES PER SCHEDULE. PLATE THROUGH  
HOLES WITH COPPER, .001 INCH THICK MIN. ALL  
HOLE SIZES ARE SPECIFIED AFTER PLATING.  
HOLE LOCATION TOLERANCES ARE +/-3MIL  
INCH IN RELATION TO CENTER
5. FINISH: SMOBC USING LPT BOTH SIDES COLOR GREEN.  
GOLD IMMERSION BOTH SIDES.
6. SILKSCREEN : USING WHITE NON-CONDUCTIVE EPOXY INK.
7. DO NOT ALTER ARTWORK TO ADD LOGO OR DATE CODE BUT MAY  
MODIFY PAD SIZE TO MEET END FINISH.
8. PCB's SHOULD BE RoHS COMPLIANT.

#### 9. SCORING:



SIZE	QTY	SYM	PLATED	TOL
187	4	+	YES	+/-3Mil
94	17	X	YES	+/-3Mil
70	2	□	NO	+/-3Mil
8	110	◇	YES	+/-3Mil
31	10	⊗	YES	+/-3Mil

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES:  
0.100" =  $\pm 0.010$ "  
0.005" =  $\pm 0.005$ "  
INTERPRET DIM AND TOL  
PER ASME Y14.5M-1994  
THIRD ANGLE PROJECTION

APPROVALS		PCB DES. RB APP ENG. CHARLIE Z.	TITLE: FABRICATION DRAWING DUAL 5A BUCK CONVERTER WITH PIN SELECTABLE OUTPUTS	1650 MCARDNEY BLVD MILPITAS, CA 95035 PHONE: 408.261.0000 WWW.LINEAR.COM LTC CONFIDENTIAL FOR CUSTOMER USE ONLY
PCB DES.	RB			
APP ENG.	CHARLIE Z.			
SIZE	N/A			
IC NO.	LTC3865EUH-1			
SCALE = NONE	REV 1	DEMO CIRCUIT 1480A	FILENAME: DC1480A-1.PCB	SHT 1 OF 1