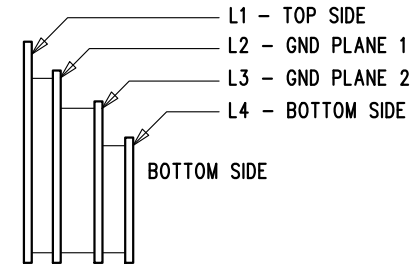
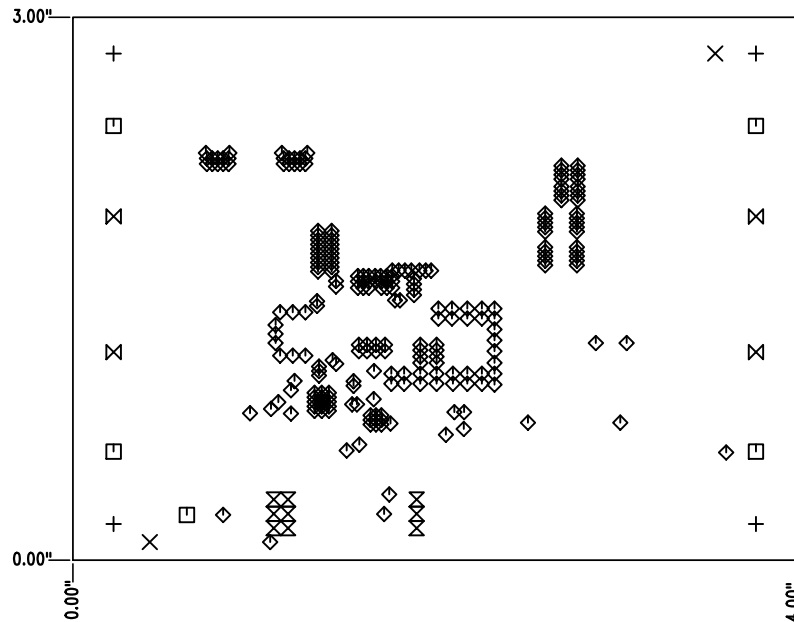


## LAYER STRUCTURE



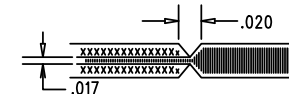
REVISION HISTORY				
ECO	REV	DESCRIPTION	APPR	DATE
-	2	PRODUCTION FAB	MARTY M.	11-15-10





SIZE	QTY	SYM	PLATED	TOL
0.187	4	+	NO	+/- .003" in
0.07	2	×	NO	+/- .003" in
0.095	5	□	YES	+/- .003" in
0.01	229	◇	YES	+/- .003" in
0.035	9	⊗	YES	+/- .003" in
0.205	4	⊠	YES	+/- .003" in

## NOTES: UNLESS OTHERWISE SPECIFIED

- FAB PER IPC-A-600.
- MATERIAL: -EPOXY FIBERGLASS, NEMA GRADE FR-4  
-FINISHED THICKNESS TO BE 0.062" +/- .005"  
-TOTAL OF 4 LAYERS WITH 4 OZ. CU ON THE OUTER LAYERS  
AND 2 OZ. CU ON THE INNER LAYERS.  
-FLAMMABILITY RATING: 94 V-0 MINIMUM.
- SIZE: CUT TO DIMENSIONS AND TOLERANCES SHOWN.  
0.00 ARE PRIMARY DATUMS.
- DRILLING: -DRILL HOLES PER SCHEDULE. PLATE THROUGH  
HOLES WITH COPPER, 0.001" THICK MIN.  
-ALL HOLE SIZES ARE SPECIFIED AFTER PLATING.  
-HOLE LOCATION TOLERANCES ARE +/- 0.003"  
IN RELATION TO CENTER
- FINISH: -SMOBC USING LPI BOTH SIDES, COLOR GREEN.  
-GOLD IMMERSION BOTH SIDES.  
(LEAD FREE SOLDER CAN BE USED FOR PROTOTYPE)  
-FOR SILKSCREEN: BOTH SIDES USE WHITE NON-CONDUCTIVE INK.
- DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE.  
PAD SIZE CAN BE MODIFIED TO MEET END FINISH.
- PCBS ARE TO BE RoHS COMPLIANT.
- DO NOT ALTER SOLDER MASK MAINTAIN .0018" OVERSIZE  
ON SMT PADS. A .005" WEBBING IS REQUIRED BETWEEN SMD PADS.
- SCORING FOR PANELIZED PCB: "PRODUCTION FAB ONLY"



- USE 8888 BOTTOM SILKSCREEN FOR SERIALIZATION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON ANGLE ±1 0.XX" = ±0.01" 0.XXX" = ±0.005" INTERPRET DIM AND TOL PER ASME Y14.5M-1994	APPROVALS		 <b>LINEAR TECHNOLOGY</b>	1630 MCCARTHY BLVD MILPITAS, CA 95035 PH: (408)432-1900 www.linear.com LTC CONFIDENTIAL- FOR CUSTOMER USE ONLY	
	NAME	DATE		TITLE: FABRICATION DRAWING: HIGH VOLTAGE SYNCHRONOUS BUCK CONTROLLER WITH ADJUSTABLE OPERATING FREQUENCY	
	PCB DES. NC	11-15-10			
	APP ENG. MARTY M.	11-15-10			
THIRD ANGLE PROJECTION			SIZE	IC NO. LT3845AEFE	REV.
			N/A	DEMO CIRCUIT 1619A	2
DO NOT SCALE DRAWING	SCALE: NONE		FILENAME: DC1619A-2.PCB		SHT 1 of 1