

SIZE	QTY	SYM	PLATED	TOL
0.006	58	$\text{+}^{\text{A}}$	YES	$\pm 0.003$
0.01	553	$\text{+}^{\text{B}}$	YES	$\pm 0.003$
0.035	15	$\text{+}^{\text{C}}$	YES	$\pm 0.003$
0.065	9	$\text{+}^{\text{D}}$	YES	$\pm 0.003$
0.095	4	$\text{+}^{\text{E}}$	YES	$\pm 0.003$
0.215	4	$\text{+}^{\text{H}}$	YES	$\pm 0.003$
0.07	2	$\times$	NO	$\pm 0.003$
0.187	4	$\square$	NO	$\pm 0.003$

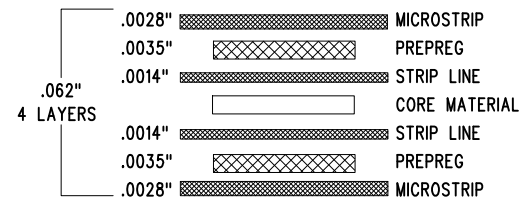
#### ADDITIONAL REQUIREMENT FOR PROTOTYPE FAB ONLY:

1. OUTGOING INSPECTION REPORT (BASED ON ACTUAL MEASUREMENTS AND CROSS SECTION).

#### ADDITIONAL REQUIREMENTS FOR PRODUCTION FAB ONLY:

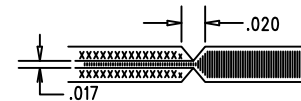
1. PROVIDE COMPLIANCE CERTIFICATES FOR RoHS, REACH AND CONFLICT-FREE MINERALS.
2. SOLDERABILITY BOARD WITH TEST RESULTS.
3. OUTGOING INSPECTION REPORT (BASED ON ACTUAL MEASUREMENTS AND CROSS SECTION).
4. VACUUM PACKED WITH DESICCANT.
5. FULL PANEL WITH NO REJECT

## LAYER STRUCTURE



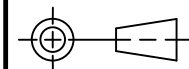
## NOTES: UNLESS OTHERWISE SPECIFIED

1. FAB PER IPC-A-600.
2. MATERIAL: -EPOXY FIBERGLASS, NEMA GRADE FR-4  
-FINISHED THICKNESS TO BE 0.062"  $\pm$  .005"  
-TOTAL OF 4 LAYERS WITH 2 OZ. CU ON THE OUTER LAYERS AND 1 OZ. CU ON THE INNER LAYERS.  
-FLAMMABILITY RATING: 94 V-0 MINIMUM.
3. SIZE: CUT TO DIMENSIONS AND TOLERANCES SHOWN.  
0.00" ARE PRIMARY DATUMS.
4. 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  $\pm 0.003$ " IN RELATION TO CENTER  
-FOR VIAS SIZE > 0.01", VIAS HOLES NEED TO BE PLUGGED AND COVERED WITH SOLDERMASK.
5. 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.
6. DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE.  
PAD SIZE CAN BE MODIFIED TO MEET END FINISH.
7. PCBs ARE TO BE RoHS COMPLIANT.
8. SCORING FOR PANELIZED PCB:



#### UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES  
TOLERANCES:  
0.XX" =  $\pm 0.01$ "  
0.XXX" =  $\pm 0.005$ "  
INTERPRET DIM AND TOL  
PER ASME Y14.5M-1994  
THIRD ANGLE PROJECTION



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FOR CUSTOMER USE ONLY

TITLE: FABRICATION DRAWING

60V SYNCHRONOUS 4-SWITCH BUCK-BOOST  
LED CONTROLLER WITH SPREAD SPECTRUM

SIZE	IC NO.	REV
N/A	LT8391EFE DC2345A	5
FILENAME: DC2345A-5.PCB		SHT 1 OF 1