


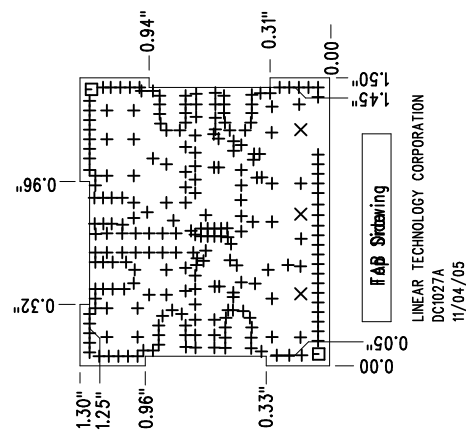
Figure 1 is a cross-sectional diagram of a composite laminate. It consists of seven layers. From top to bottom, the layers are labeled: Microstrip, Core Material, Microstrip, Prepreg, Microstrip, Core Material, and Microstrip. On the left side, dimensions are provided: a total thickness of .062" is indicated with a circled '9' next to it, suggesting 9 layers in total. Individual layer thicknesses are also specified: .0028" for the Microstrip layers, .018" for the Core Material layers, and .0014" for the Prepreg layer. A bracket on the right side groups the layers under the heading 'LAYERS'.

NOTES : Unless Otherwise Specified

1. FAB PER IPC-A-600.
2. MATERIAL: EPOXY FIBERGLASS, NEMA GRADE FR-4.
 - 2 OZ. COPPER FINISHED ON OUTER LAYERS.
 - 1 OZ. COPPER FINISHED ON INNER LAYERS.
- THICKNESS .062 +/--.006 TOTAL OF 4 LAYERS.
- FLAMABILITY RATING: 94 V-0 MINIMUM .
3. SIZE: DIMENSIONS AND TOLERANCES SHOWN.
 - 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 +/--.003 INCH IN RELATION TO CENTER
5. FINISH: SMOBC USING LPI BOTH SIDES COLOR GREEN.
 - WHITE TIN IMMERSION (OMIKRON) BOTH SIDES.
6. SILKSCREEN : USING WHITE NON-CONDUCTIVE EPOXY INK.
7. DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODED
8. CONTROLLED 50 OHM IMPEDANCE (AT 1 GHz FREQ.) FOR LAYER 1-2.
9. SUBJECT TO CHANGE BY MANUFACTURER, DEPENDING ON DIMENSIONAL CONSTANT DEVIATIONS. PLEASE CONSULT LTC.

FAB DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON ANGLE ± 1 2 PLACE ± .01 3 PLACE ± .005 INTERPRET DIM AND TOL PER ASME Y14.5M - 1994	APPROVALS						1630 McCarthy Blvd. Milpitas, CA 95035 Ph: (408)432-1900		
		INIT	DATE						
	DRAWN								
	CHECK								
	DESIGN	A Karpova	11/04/05	TITLE: LT560EDD				HF / VHF / UHF Up/Down Converter	
	ENGR	V Dvorkin	11/04/05	SIZE A		DEMO		DC1027A	
								REV. A	
SCALE = NONE			DES-260050			SHT 1 of 1			



SIZE	QTY	SYM	PLTD	TOL
10	240	+	YES	+/-0.003
65	3	×	YES	+/-0.003
70	2	□	NO	+/-0.003

