

DESCRIPTION	DATE	APPROVED
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ECO	REV	DESCRIPTION	DATE	APPROVED

1. ARTWORK P/N DC750A REV 1.

2. FAB PER IPC-A-600

3. MATERIAL: EPOXY FIBERGLASS, NEMA GRADE FR-4

FINISHED THICKNESS TO BE .062 +/- .005 INCH

WITH 1 OZ. COPPER ON TWO OUTER LAYERS AND

1 OZ. COPPER FOR ALL INTERNAL LAYERS.

FLAMMABILITY RATING: 94 V-2 MINIMUM .

4. SIZE: CUT TO DIMENSIONS AND TOLERANCES SHOWN.

0.00 ARE PRIMARY DATUMS.

5 BOARD: SELECTIVE PLATED BOARD. SOLDER

**MASK OVER BARE COPPER.
WHITE TIN BOTH SIDES.**

FINGER AREA; GOLD PLATE TO MIN. OF .00003 IN.
PER MIL-G-45204, TYP II, CL1, GRADE C, OVER
.0002 IN. LOW STRESS NICKEL PER QQ-N-290, CL2.

SOLDER MASK TYPE: WET PHOTO-IMAGEABLE
THE PCB COLOR: GREEN

SILKSCREEN COMPONENT SIDE WITH WHITE NON-CONDUCTIVE INK.

PLATE THRU ALL HOLES WITH COPPER
MIN. PLATING THICKNESS: 1 OZ. EXCEPT
WHERE PLATING NOT REQUIRED

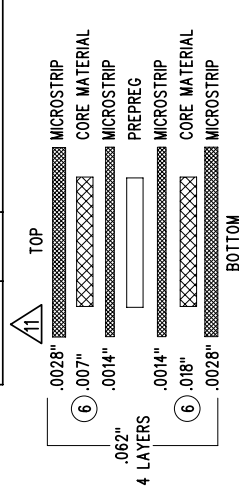
6. DRILL: ALL HOLES SHALL BE DRILLED $\pm .003$ INCH WITH RESPECT TO CTR. OF DRILLED PAD.
ALL HOLES FINISHED SIZE AFTER PLATING.

7. DROP ALL UNUSED PADS ON INNER LAYERS.

8. DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE.
9. OUTER DIELECTRIC THICKNESS: TARGET 50-OHM USING 30 MIL TRACE. SEE STACKUP DIAGRAM.

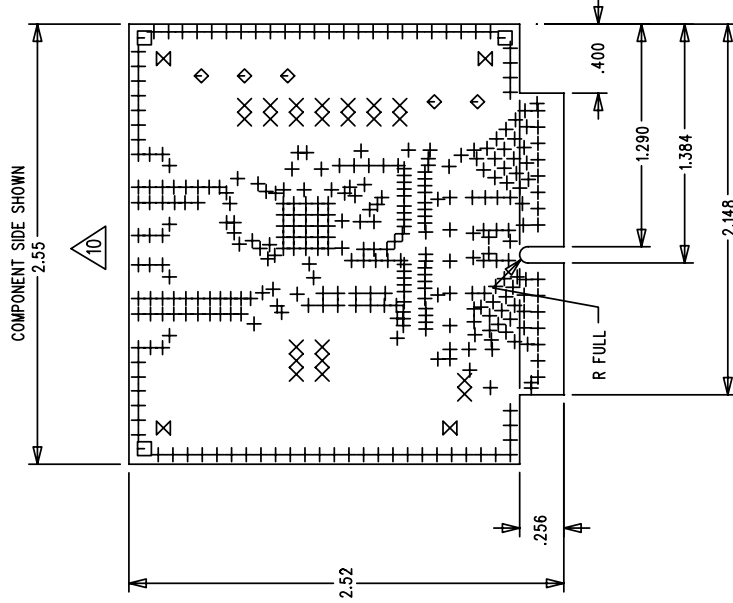
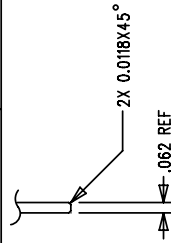
10 CONTROLLED 50 OHM IMPEDANCE(AT 2.5GHZ FREQ.)
FOR LAYER 1-2.

11 17 MILLS THICKNESS REFLECTS DIELECTRIC CONSTANT OF 4.1@ 2GHZ SUBJECT TO CHANGE BY MANUFACTURER, DEPENDING ON DIELECTRIC CONSTANT DEVIATIONS.



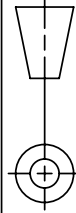
HOLE LEGEND

TOLERANCE	SIZE	QTY	SYM	PLTD
+/-0.003	10	356	+	PLTD
+/-0.003	30	22	×	PLTD
+/-0.005	70	3	□	NPLTD
+/-0.005	94	5	◇	PLTD
+/-0.005	187	4	⊗	NPLTD



UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON ANGLE $\pm 1^\circ$
2 PLACE ± 0.1 3 PLACE ± 0.005
INTERPRET DIM AND TOL
PER ASME Y14.5M - 1994

THIRD ANGLE PROJECTION



DO NOT SCALE DRAWING

CONTRACT NO	
APPROVALS	DATE
DRAWN MEI	01/12/04
CHECKED	
APPROVED	
ENGINEER	

CONTRACT NO.

APP

DRAWN

CHECKED

APPROVED

ENGINEER

TITF

FAB, LTC2220CUP, 12-BIT/170 MSPS ADC

SIZE A	CAGE CODE	DWG NO	REV 1
DC750A			

SCALE 1/1
FILENAME: DC750A.PCB
SHEET 1 OF 1

LINEAR
TECHNOLOGY

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