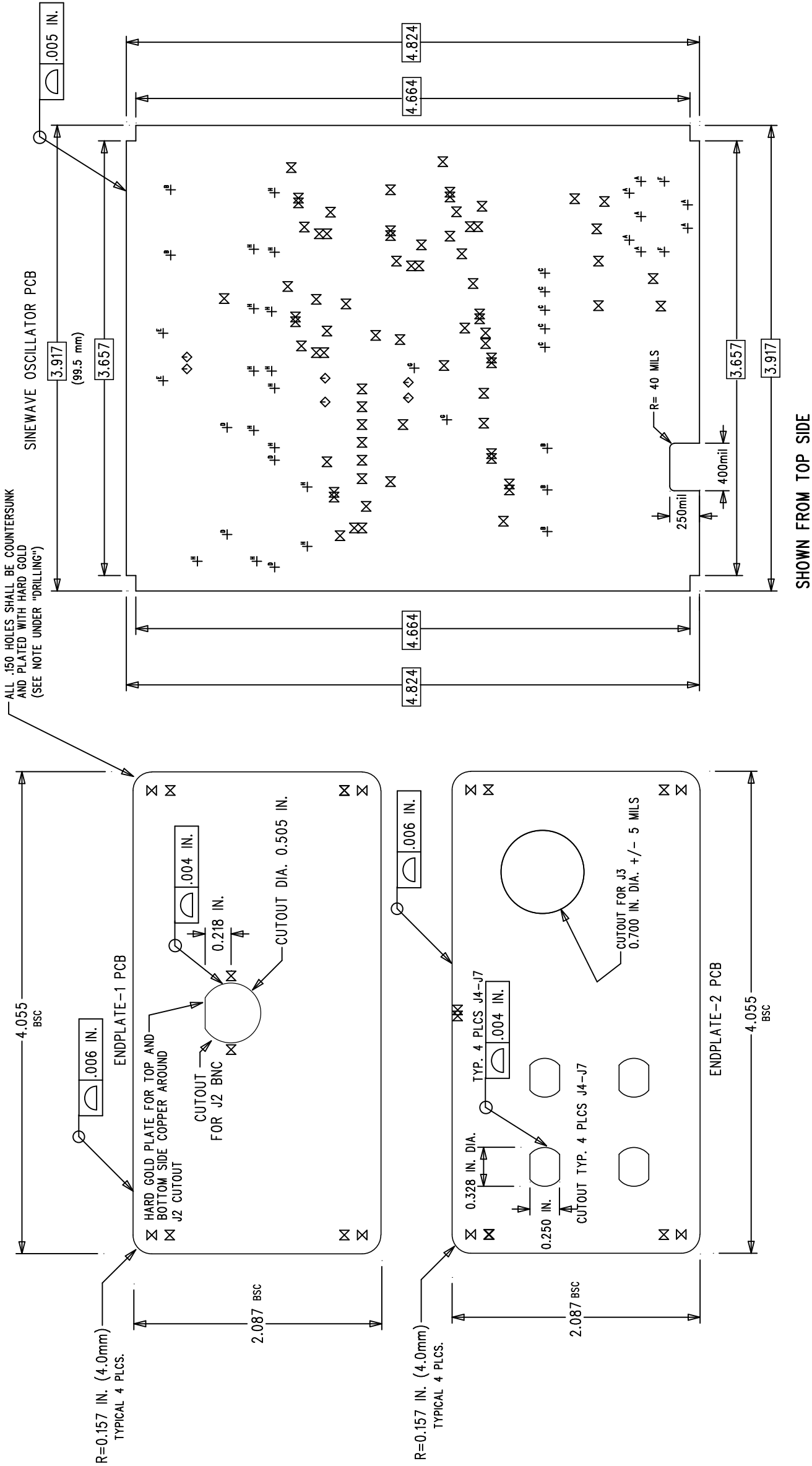


REVISION HISTORY			
ECO	REV	DESCRIPTION	APP. ENG.
-	2	2ND PROTOTYPE	G.HOOVER
			DATE
			8-26-2011

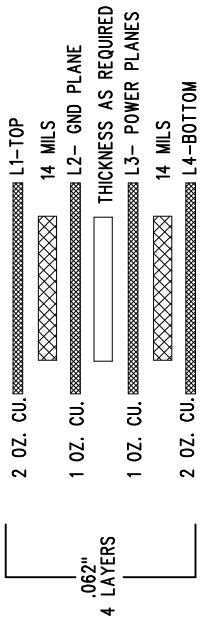


NOTES: UNLESS OTHERWISE SPECIFIED


1. FAB PER IPC-A-600.
2. MATERIAL: -LEAD FREE ASSEMBLY COMPLIANT, ISOLA FR-370HR OR EQUIVALENT.
-FINISHED THICKNESS TO BE 0.062" +/- .005"
-TOTAL OF 4 LAYERS WITH 2 OZ. CU ON THE OUTER LAYERS AND 1 OZ. CU ON THE INNER LAYERS. SEE FIG.1 BELOW FOR STACKUP DETAILS.
-FLAMMABILITY RATING: 94 V-0 MINIMUM.
3. SIZE: CUT TO DIMENSIONS AND TOLERANCES SHOWN.
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 +/-0.003" IN RELATION TO CENTER
-ALL .150 HOLES SHALL BE COUNTERSUNK AND PLATED. COUNTERSINK SHALL BE .225 DIA. X 82 DEGREES, ON TOP SIDE. PLATING FOR THESE HOLES SHALL BE HARD GOLD PLATE.
5. FINISH: -SMOBC USING LPI BOTH SIDES, COLOR BLACK.
-OVERALL GOLD IMMERSION BOTH SIDES, WITH HARD GOLD PLATE AS SPECIFIED FOR ALL .150 HOLES AS WELL AS TOP AND BOTTOM COPPER AROUND J2 CUTOUT.
-SILKSCREENS SHALL BE WHITE NON-CONDUCTIVE INK.
6. DO NOT ALTER ARTWORK *q. TO ADD LOGO OR DATE CODE. PAD SIZE CAN BE MODIFIED TO MEET END FINISH.
7. PCBs ARE TO BE RoHS COMPLIANT.
8. PANELIZATION INSTRUCTIONS
8.1 PCB'S SHALL BE DELIVERED PANELIZED. ENDPLATE PCB'S MAY BE PANELIZED SEPARATELY FROM THE SINEWAVE OSCILLATOR PCB.
USE ROUTE AND RETAIN METHOD FOR PANELIZATION.

FIGURE 1

STACKUP DETAILS



SIZE	QTY	SYM	PLATED	TOL
35	6	◇	YES	+/- 3 mils
150	8	⊗	YES	+/- 3 mils
18	87	⊗	YES	+/- 3 mils
51	7	⊖	YES	+/- 3 mils
95	5	⊖	YES	+/- 3 mils
71	5	⊖	YES	+/- 3 mils
30	4	⊖	YES	+/- 3 mils
79	2	⊖	YES	+/- 3 mils
94	2	⊖	NO	+/- 3 mils
65	2	⊖	YES	+/- 3 mils
37	14	⊖	YES	+/- 3 mils




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APPROVALS

PCB DES.	M.HAWKINS
APP. ENG.	GUY HOOVER

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



TITLE: FABRICATION DRAWING LOW NOISE, LOW DISTORTION SINEWAVE GENERATOR	
SIZE	IC NO. LT11468,LT1122,LT1006,LT1634
N/A	REV DEMO CIRCUIT 1858A
SCALE = NONE	FILENAME: DC1858A-2.PCB
	SHT 1 OF 1