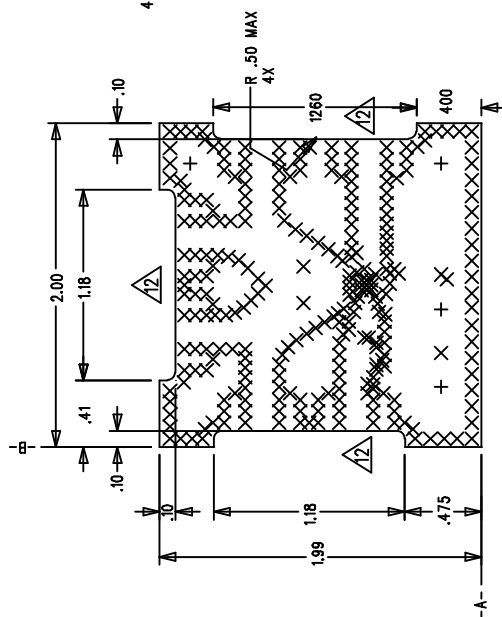



	0	PROTO			



### 1-COMPONENT SIDE

SIZE	QTY	SYM	PLTD	TOL
94	4	+	YES	+/-0.01
10	266	X	YES	+/-0.005

- NOTES: UNLESS OTHERWISE SPECIFIED
1. ARTWORK P/N DC678A REV 0
  2. FAB PER IPC-A-600
  3. MATERIAL: EPOXY FIBERGLASS, NEMA GRADE FR-4  
FINISHED THICKNESS TO BE .062 +/- .005 INCH  
WITH 2 OZ. COPPER ON TWO OUTER LAYERS AND  
1 OZ. COPPER ON TWO INTERNAL LAYERS.  
FLAMABILITY RATING: 94 V-0 MINIMUM .
  4. OUTER DIELECTRIC THICKNESS: TARGET 50-OHM USING 30 MIL  
TRACE. SEE STACKUP DIAGRAM.
  5. SIZE: CUT TO DIMENSIONS AND TOLERANCES SHOWN.  
-A- AND -B- ARE PRIMARY DATUMS.
  6. BOARD: SELECTIVE PLATED BOARD. SOLDER  
MASK OVER BARE COPPER.  
WHITE TIN BOTH SIDES.
- SOLDER MASK TYPE: WET PHOTO-IMAGEABLE  
THE PCB COLOR: GREEN
- SILKSREEN COMPONENT SIDE WITH WHITE NON-  
CONDUCTIVE INK.
- PLATE THRU ALL HOLES WITH COPPER  
MIN. PLATING THICKNESS: 1 OZ. EXCEPT  
WHERE PLATING NOT REQUIRED
7. DRILL: ALL HOLES SHALL BE DRILLED +/- .003 INCH  
WITH RESPECT TO CTR. OF DRILLED PAD.  
ALL HOLES FINISHED SIZE AFTER PLATING.
  8. DROP ALL UNUSED PADS ON INNER LAYERS.
  9. DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE.
  10. CONTROLLED 50 OHM IMPEDANCE(AT 2.5GHz FREQ.) FOR LAYER  
11. 17 MILLS THICKNESS REFLECTS DIELECTRIC CONSTANT OF 4.1  
SUBJECT TO CHANGE BY MANUFACTURER, DEPENDING ON DIELECTRIC  
CONDUCT DEVIATIONS.
  12. INNER AND OUTER LAYER COPPER SHALL BE EXPOSED IN  
TWO INSET AREAS ALONG BOARD EDGES.  
DO NOT MODIFY INNER LAYER COPPER BACKOFF OUTLINE.

<p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON ANGLE <math>\pm</math> °</p> <p>2 PLACE <math>\pm</math> .01 3 PLACE <math>\pm</math> .005</p> <p>INTERPRET DIM AND TOL PER ASME Y14.5M - 1994</p>	CONTRACT NO		APPROVALS		DATE	 <p>1630 McCarthy Blvd. Milpitas, CA 95035 Phone: (408)432-1900 Fax: (408)434-0507</p>
	DRAWN		RUDY B.		10/20/03	
	CHECKED					
	APPROVED					
	ENGINEER					
THIRD ANGLE PROJECTION						TITLE
						Quadrature Demodulator
	SIZE A	CAGE CODE	DWG NO	DC678A	REV 0	
DO NOT SCALE DRAWING	SCALE 1/1	FILENAME: 678A_06.PCB			SHEET 1 OF 1	