

REVISION			
REV	DESCRIPTION	DCN	DATE
1	Add 50 ohm data to fab.		4-21-11
			KAK

## COMPONENT SIDE

- NOTES UNLESS OTHERWISE SPECIFIED:

1. FABRICATE IAW IPC-6012, CLASS 2, CURRENT REVISION.
2. BOARD SHALL MEET THE INSPECTION CRITERIA OF IPC-A-6000 CLASS 2, CURRENT REVISION

3. USE ARTWORK 1078282AW, CURRENT REV.

- 4 MATERIAL: NELCO N4000-13, ROHS COMPLIANT.

- 5 FINISHED WEIGHT PER SQUARE FOOT NOMINAL:  
OUTER LAYERS SHALL BE 1 OZ.

- ## 6. DESMEAR HOLES AND VIAS.

7. FINISH: ELECTROLESS NI IMMERSION AU (ENIG).  
GOLD PLATING THICKNESS TO BE BETWEEN 3 - 8 MICROINCHES.

8. SILKSCREEN COMPONENT SIDE ONLY WITH NONCONDUCTIVE EPOXY INK. COLOR SHALL BE A CONTRASTING INK WITH RESPECT TO SOLDERMASK COLOR. DISTORTION OF SILKSCREEN IS ACCEPTABLE OVER TRACES. REMOVE EPOXY INK FROM SOLDER LANDS.

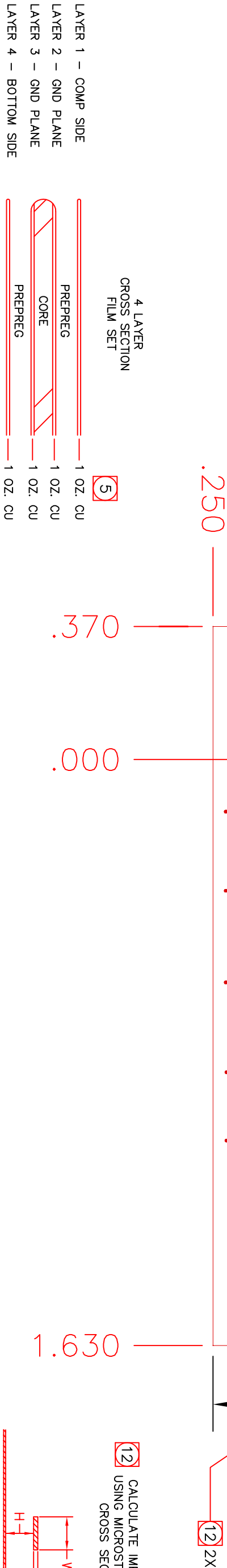
9. APPLY SOLDERMASK OVER BARE COPPER (SMOBC) IAW IPC-SM-840, TOP SIDE ONLY, USING LPI, COLOR CLEAR OR GREEN. SOLDERMASK OVER VAS IS NOT ACCEPTABLE.

10. NO SOLDERMASK BACK SIDE.


- 11 SUPPLIER LOT NUMBER/DATE CODE SHALL ONLY BE SILKSCREENED WITH NON-CONDUCTIVE EPOXY INK IN APPROX. LOCATION SHOWN. NO LOGO SHALL BE PRINTED.

12. CALCULATE IMPEDANCE USING MICROSTRIP MODEL.  
ADJUST RF TRACE WIDTH TO MEET 50 OHMS +/- 5%.

13. INCLUDE A 50 OHM TEST COUPON.



HOLE SCHEDULE (ALL PLATED THRU DIAMETERS ARE AFTER PLATING)			
SYM	DESCRIPTION	PLATED THRU	QTY
+	$\phi.013 + .003/- .010$ THRU	YES	209
X	$\phi.055 \pm .003$ THRU	YES	3
$\square$	$\phi.102 \pm .003$ THRU	YES	6

QTY PER DASH NO		ITEM NO	PART OR IDENT NO	CAGE CODE	NOMENCLATURE OR DESCRIPTION	SPEC/STD
PARTS LIST OR MATERIAL						
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.						
XZ DEC ± .02 XXX DEC ± .005		TOLERANCES ON FINISHES ± .2° ± .2°		ANGLES ± 0° 30'		
MATERIAL:		OR K. KEISEN	8-4-10			
4		CHK				
		ENG W. MA	8-4-10			
FINAL PROTECTIVE FINISH:		WFO				
7		QTY				
		TF				
		CONT NO.				
<div>  <div> <b>TQprint</b>  <b>SEMICONDUCTOR</b>            SAN JOSE, CALIFORNIA         </div> </div>						
<div> <div>PRINTED CIRCUIT BOARD</div> <div>TQP7M9104</div> </div>						
SIZE	CAGE CODE				REV	
D 14462	1078282PC				1	
SCALE	NONE	W/O NO.			SHEET 1	OF 1