

REVISION			
REV	DESCRIPTION	DCN	DATE

NOTES UNLESS OTHERWISE SPECIFIED:

1. FABRICATE 1AW IPC-6012, CLASS 2, CURRENT REVISION.
2. BOARD SHALL MEET THE INSPECTION CRITERIA OF IPC-A-600 CLASS 2, CURRENT REVISION.
3. USE ARTWORK 1082269AW CURRENT REV.

**4 MATERIAL: NELCO N4000-13, RoHS COMPLIANT.**

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

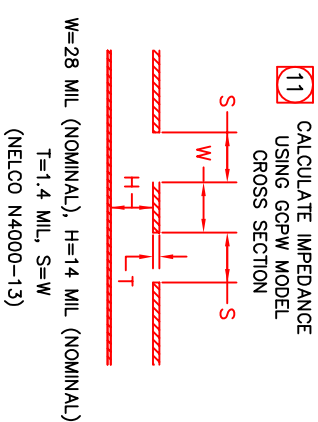
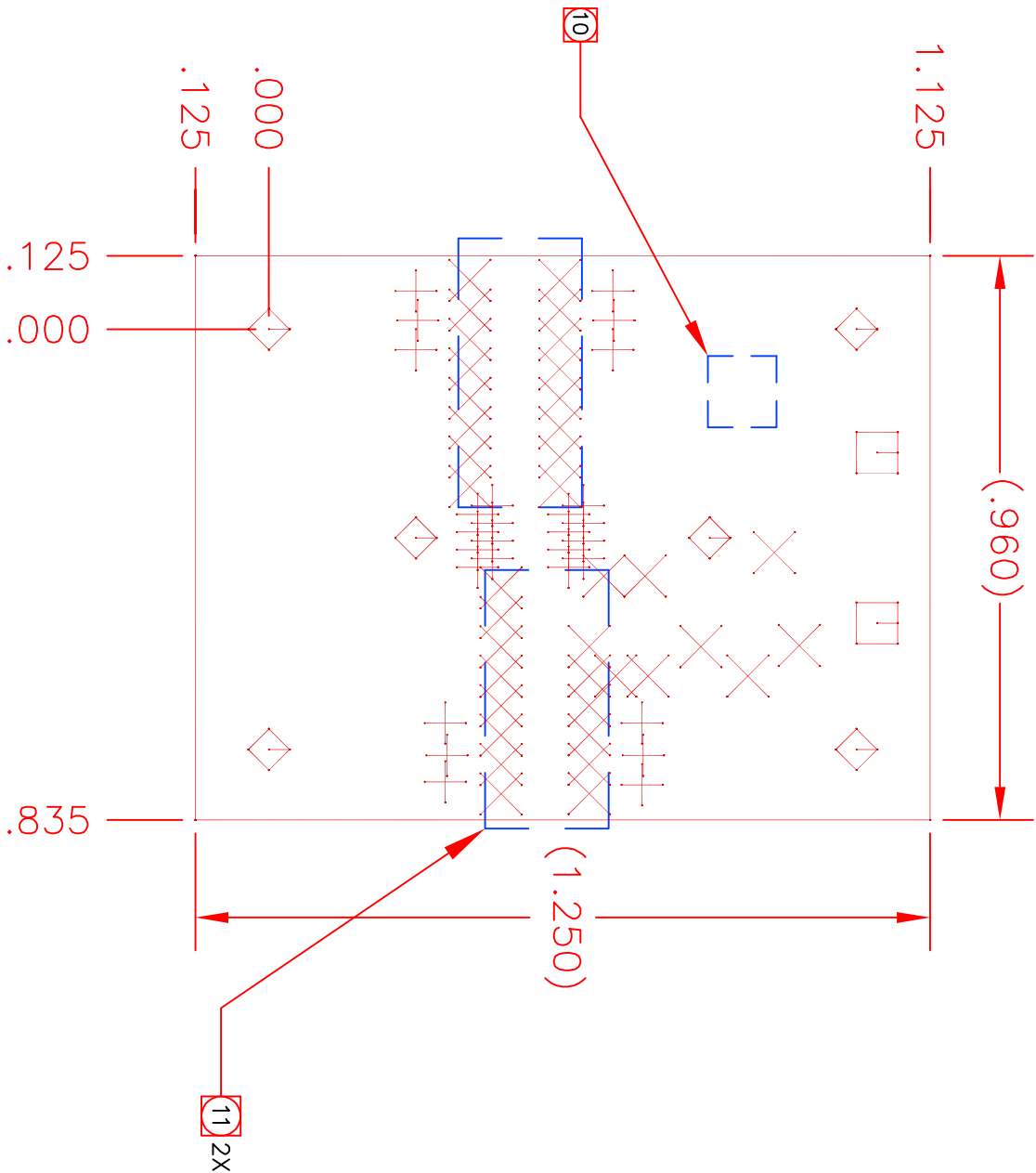
9. APPLY SOLDERMASK OVER BARE COPPER (SMOBC) 1AW IPC-SM-840, TOP SIDE ONLY, USING LPI, COLOR CLEAR OR GREEN. SOLDERMASK OVER VIAS IS NOT ACCEPTABLE.

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

11. CALCULATE IMPEDANCE USING GCPW MODEL. ADJUST RF TRACE WIDTH TO MEET 50 OHMS  $\pm$  5%.

12. INCLUDE A 50 OHM TEST COUPON.

## COMPONENT SIDE



4 LAYER  
CROSS SECTION  
FILM SET

5

LAYER 1 – COMP SIDE	—	1 OZ. CU
LAYER 2 – INTERNAL 2	PREPREG	1 OZ. CU
LAYER 3 – INTERNAL 3	CORE	1 OZ. CU
LAYER 4 – BOTTOM SIDE	PREPREG	1 OZ. CU

4 LAYER  
CROSS SECTION  
DIMENSIONAL TOLERANCE

HOLE SCHEDULE (ALL PLATED THRU DIAMETERS ARE AFTER PLATING)			
SYM	DESCRIPTION	PLATED THRU	QTY
+	$\phi.010 \pm .003 / - .010$ THRU	YES	28
X	$\phi.020 \pm .003$ THRU	YES	38
□	$\phi.055 \pm .003$ THRU	YES	2
◇	$\phi.102 \pm .003$ THRU	YES	6

TriQuint SEMICONDUCTOR PROPRIETARY INFORMATION

QTY PER DASH NO		ITEM NO	PART OR IDENT	CAGE CODE	NOMENCLATURE OR DESCRIPTION	SPEC/STD
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.						
X2 DEC ± .02 X3X DEC ± .005		TOLERANCES ON FINISH & RIMS ✓ ± .2" 0"		ANGLES ± 0° 30°		
MATERIAL:		DR	T. Patterson	6-6-11		
4		CRK				
		END C. Blum		6-6-11		
		WFO				
FINAL PROTECTIVE FINISH:		SA				
7		TF				
		CONT. NO.				
					PCB, EVAL BOARD	
					SOT 363	
					SIZE	
					CAGE CODE	
					D 14482	
					10822269PC	
					SCALE NONE	
					W/O NO.	
					SHEET 1 OF 1	