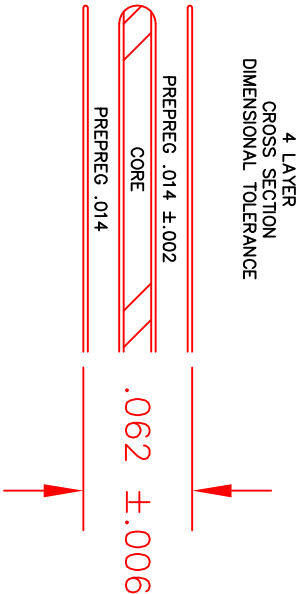
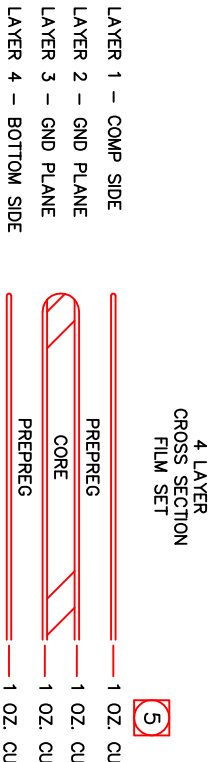


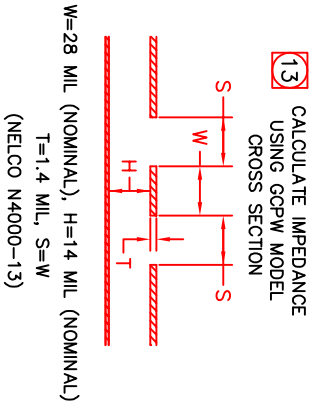
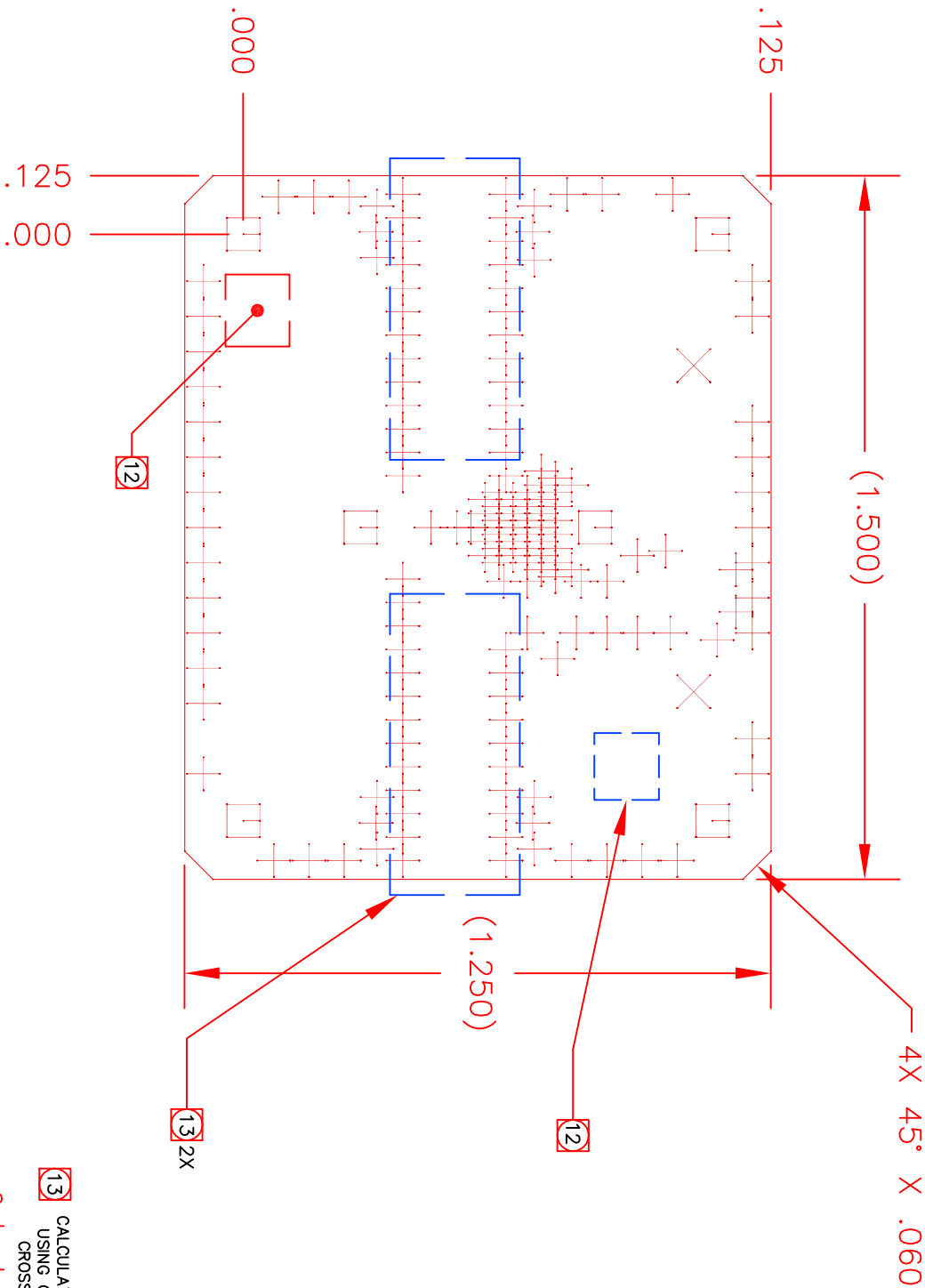
REV	DESCRIPTION	DCN	DATE	BY/APPD
1	Add 50 ohm note, Soldermask		6-3-11	KAK/PL

NOTES UNLESS OTHERWISE SPECIFIED:

- FABRICATE IAW IPC-6012, CLASS 2, CURRENT REVISION.
- BOARD SHALL MEET THE INSPECTION CRITERIA OF IPC-A-600 CLASS 2, CURRENT REVISION.
- USE ARTWORK 1080068AW CURRENT REV.
- MATERIAL: NELCO N4000-13, ROHS COMPLIANT. SEE LAYER STACK-UP BELOW.
- FINISHED WEIGHT OF ALL COPPER LAYERS SHALL BE 1 OZ. PER SQUARE FOOT NOMINAL.
- DESMEAR HOLES AND VIAS.
- FINISH: ELECTROLESS NI IMMERSION AU (ENIG). GOLD PLATING THICKNESS TO BE BETWEEN 3 – 8 MICRONS.
- 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.
- APPLY SOLDERMASK OVER BARE COPPER (SMOBC) IAW IPC-SM-840, TOP SIDE ONLY, USING LPI, COLOR CLEAR OR GREEN. SOLDERMASK OVER VIAS IS NOT ACCEPTABLE.
- TANGENCY IS ACCEPTABLE.
- REMOVAL OF NON-FUNCTIONAL PADS ON INTERNAL LAYERS IS ACCEPTABLE.
- SUPPLIER LOT NUMBER/DATE CODE (NO LOGO) SHALL ONLY BE SILKSCREENED WITH NON-CONDUCTIVE EPOXY INK IN APPROX. LOCATION SHOWN.
- CALCULATE IMPEDANCE USING GCPW MODEL. ADJUST RF TRACE WIDTH TO MEET 50 OHMS +/- 5%.
- INCLUDE A 50 OHM TEST COUPON.



HOLE SCHEDULE (ALL PLATED THRU DIAMETERS ARE AFTER PLATING)				
SYM	DESCRIPTION	PLATED THRU	QTY	
+	Ø.010 +.003/- .010 THRU	YES	157	
×	Ø.055 +.001/- .003 THRU	YES	2	
□	Ø.102 ±.003 THRU	YES	6	



TiQuint SEMICONDUCTOR PROPRIETARY INFORMATION

QTY	PFR	DASH	NO	ITEM	NO	PART OR	IDENT	NO	CAGE	DESCRIPTION	OR	SPEC/STD
PARTS LIST OR MATERIAL												

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. 1X DEC ±.02 10X DEC ±.005 TOLERANCE BAND ∠ ± 2° 0'												
MATERIAL:						PARTS LIST OR MATERIAL						
4						11-23-10						
K. KEISEN						11-23-10						
CHK						11-23-10						
ENG J. SHARMA						11-23-10						
MFR						11-23-10						
QA						11-23-10						
FINAL PROTECTIVE FINISH:						11-23-10						
7						11-23-10						
CONF NO.						11-23-10						
SIZE						11-23-10						
D 14482						11-23-10						
SCALE NONE						11-23-10						
W/O NO.						11-23-10						
SHEET 1 OF 2						11-23-10						

PRINTED CIRCUIT BOARD
SOT89 EV BRD