

COMPONENT SIDE

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 1122518AW, CURRENT REV.

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

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

- DESMEAR HOLES AND VIAS.

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

- 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.

- 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.

- NO SOLDERMASK BACK SIDE.

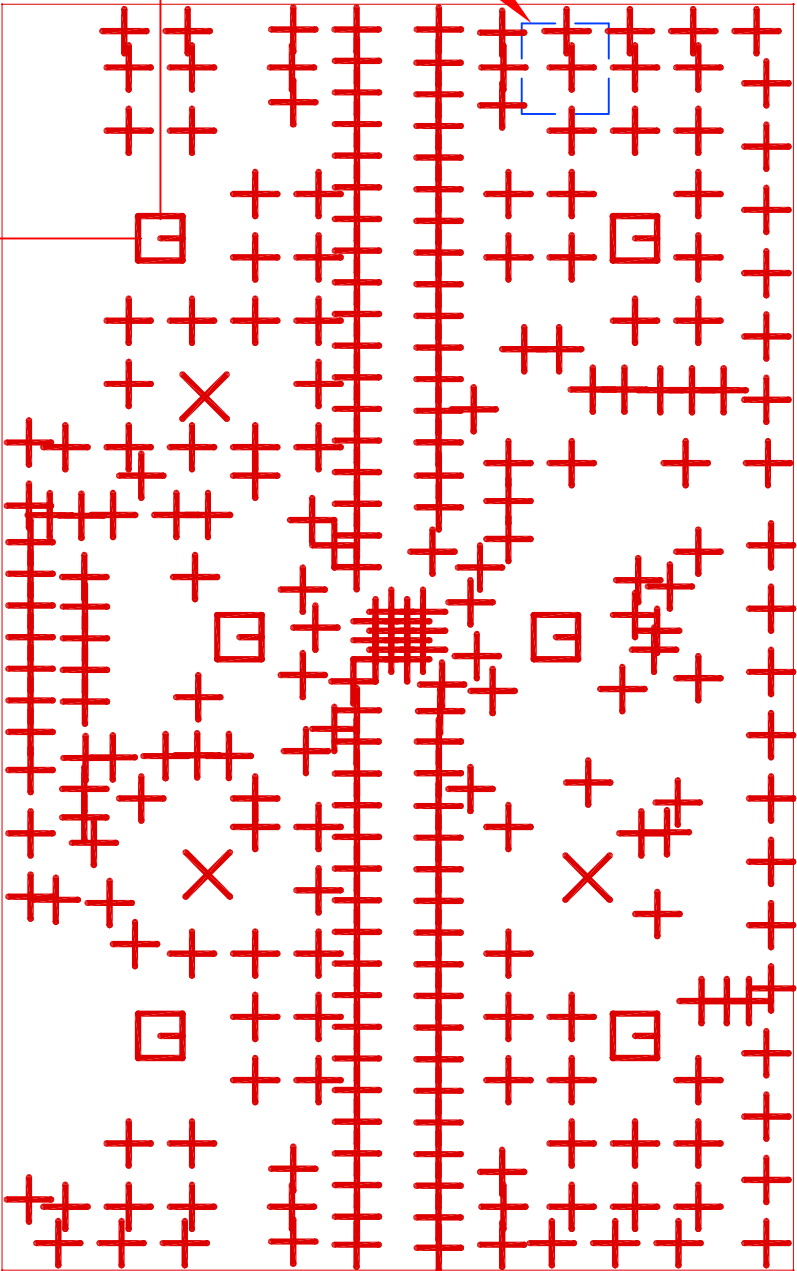
- 11** SUPPLIER LOT NUMBER/DATE CODE (NO LOGO) SHALL ONLY BE SILKSCREENED WITH NON-CONDUCTIVE EPOXY INK IN APPROX. LOCATION SHOWN.

- 12** PROVIDE ONE THRU BOARD EACH BUILD FROM THAT BUILD.
SEE PAGE 2. USE THRU GERBER.

2.000

1.000

1.250



4 LAYER
CROSS SECTION
FILM SET

5

LAYER 1 – COMP SIDE
PREPREG 1 OZ. CU
LAYER 2 – GND PLANE 1 OZ. CU
LAYER 3 – GND PLANE 1 OZ. CU
LAYER 4 – BOTTOM SIDE PREPREG 1 OZ. CU

4 LAYER
CROSS SECTION
DIMENSIONAL TOLERANCE

PREPREG .014 ±.002

CORE

PREPREG .014

.062 ±.006

HOLE SCHEDULE (ALL PLATED THRU DIAMETERS ARE AFTER PLATING)				
SYM	DESCRIPTION	PLATED THRU	QTY	
+	Ø.010 +.003/- .010 THRU	YES	270	
X	Ø.060 ±.003 THRU	YES	3	
□	Ø.102 ±.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. TOLERANCES UNLESS OTHERWISE SPECIFIED: XX DEC ± .02 XXX DEC ± .005 ANGLES ± 0° 30'				Triquint SAN JOSE, CALIFORNIA	
MATERIAL:		SR K. KLESEN	8-11-14	PRINTED CIRCUIT BOARD TQP9109/TQP9111	
CHK					
ENG S. PANICCA			8-11-14		
MFG					
FINAL PROTECTIVE FINISH:		QA		SIZE CAGE CODE	REV
TF				D 14482	1122518PC
CONTR NO.				SCALE NONE W/O NO.	SHEET 1 OF 2

A

B

C

D