

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-600 CLASS 2, CURRENT REVISION.

3. USE ARTWORK 1126637AW, 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 MICRONS.

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 VIAS 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. PROVIDE ONE THRU BOARD EACH BUILD FROM THAT BUILD.
SEE PAGE 2. USE THRU GERBER.

LAYER 1 - COMP SIDE
LAYER 2 - GND PLANE
LAYER 3 - GND PLANE
LAYER 4 - BOTTOM SIDE

4 LAYER
CROSS SECTION
FILM SET

5

PREPREG

CORE

PREPREG

1 OZ. CU
1 OZ. CU
1 OZ. CU
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.013 +.003/--.010 THRU	YES	500	
X	Ø.060 ±.003 THRU	YES	6	
□	Ø.102 ±.003 THRU	YES	6	

2.000

1.000

1.250

.250

.000

.370
.000

1.630

11

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: FRACTIONS DECIMALS ANGLES ± 0° 30' X.XX DEC ± .02 X.XXX DEC ± .005 X ± .2" 0"					
MATERIAL:		DR K. KEISEN	1-19-15	PRINTED CIRCUIT BOARD TQP9421	
		CHK			
		ENG W. MA	1-19-15		
		WFO			
FINAL PROTECTIVE FINISH:		SA		SIZE CAGE CODE	REV
		TF		D 14482	1126637PC
		CONF NO.		SCALE NONE	W/O NO.
				SHEET 1 OF 2	

A

B

C

D

A

B

C

D

1126637PC