



Drill Table							
Hole Dia (mm)	Symbol	Quantity	Plated	CvrLyr	Stiffener		
0.762	+	44	No	.060	.040		
0.970	×	4	No	.038	.038		
3.175	Υ	2	No	.125	NA		
5.750		2	No	.226	NA		

DETAIL A—A

.0064
+- .0016

Rigidizer FR4 .030
946 PSA .002
base kapton .001
GOPPER 10z .0014
COPPER 10z .0014
Adhesive .001
GAMESIVE .001
EXPOSED COPPER SIDE

Modified Date: Thu Oct 08, 2009
Print Date: Thu Oct 08, 2009

REVISIONS									
ZONE	LTR	REVISIONS	ECR	DATE	BY	APRV			
	A	Flip section A—A view, add detail calling out copper side and stiffener side. Fix drill table to no plated holes.		10/7/09	dms				

NOTES: unless otherwise specified

- 1.0 Fabricate circuit board to conform to IPC-6014.

 Applicable documents
 The following items are required:
 PATTERN FILM / GERBER DATA DWG # TRNT-EL-04-3005
 DETAIL DRAWING DWG # TRNT-EL-04-1005 THIS DOCUMENT
- 1.1 Artwork may not be modified except for process control.
- A BASE MATERIAL
- 2.1 Laminate base material shall be natural color.

 See Detail A—A for layer to layer specification and overall thickness.
- 2.2 Adhesive shall be selected at vendors discretion to meet over all board thickness and end item requirements.
- 3.0 COPPER PLATING
- 3.1 Copper plating shall have a minimum purity of 99.5 percent and a minimum thickness of .001 inch. This also applies to the plating in the holes.
- 4.0 SOLDERMASK NA

4.1

- 5.0 FINISH
- 5.1 EXPOSED COPPER SHALL BE Ni/Au —— IMMERSION GOLD 3—5u INCH (0.000003—0.000005) OVER ELECTROLESS NICKEL 100—200u INCH (0.00001—0.00002) THICK IAW IPC—2221 AND IPC—4552 (ENIG).
- 6.0 SILK SCREEN NA
- 6.1
- 7.0 DIMENSIONS
- 7.1 All dimensions are in inches.
- 7.2 Unless otherwise specified all hole sizes apply after plating. Hole sizes are shown in the drill schedule.
- 8.0 TOLERANCES
- 8.1 Hole size tolerance +- .003 after plating unless otherwise specified.
- 8.2 Conductor widths and spacing shall be within 20% of the artwork originals.
- 8.3 Layer to layer registration shall be .007 inches of true position 8.4 Board dimensions shall meet the requirements of the board drawing.
- 8.5 Warp and twist shall not exceed that defined in IPC-A-600.
- 9.0 APPEARANCE
- 9.1 All inside and outside corners shall have a maximum radius of .065
- 9.2 Remove all burrs and smooth sharp edges to .010 max.

VENDOR NOTE: NOTIFY US OF ANY CONFLICTING REQUIREMENTS OR IF BOARDS CANNOT BE MANUFACTURED TO MEET THE ABOVE REQUIREMENTS, DUE TO VENDORS PROCESS AND/OR TECHNIQUES OR BECAUSE PHOTO TOOLS AND/OR SPECIFICATIONS ARE INADEQUATE.

