



SIZE	QTY	SYM	PLATED	TOL
94	2	+	YES	+/-0.003
98.43	4	X	NO	+/-0.003
12	202	□	YES	+/-0.003
20	163	◇	YES	+/-0.003
59	17	⊗	YES	+/-0.003
35	4	⊗	YES	+/-0.003
10	61	+	YES	+/-0.003
59.06	12	+	YES	+/-0.003
39	27	+	YES	+/-0.003
43	2	+	NO	+/-0.003
126	2	+	YES	+/-0.003

- NOTES : (UNLESS SPECIFIED OTHERWISE.)
- 1) ALL DIMENSIONS ARE IN INCHES.TOLERANCE IS +/- 0.005 CONFORMING TO IPC-A-600. GIVEN MECHANICAL DIMENSIONS ARE IN MILLIMETRES.
 - 2) HOLE SIZES ARE SPECIFIED IN THOUSANTHS. HOLE SIZES APPLY AFTER PLATING. HOLE SIZE TOLERANCE TO BE +/- 0.003 UNLESS SPECIFIED OTHERWISE. PLATING TO BE 0.0010 MINIMUM.
 - 3) MATERIAL : FR-4-2 NATURAL EPOXY/FIBERGLASS 1 OZ. COPPER ON ALL LAYERS. 2 SIDES PLATED. FINISHED THICKNESS : 0.002 + 0.008 - 0.008
 - 4) APPLY SOLDERMASK OVER BARE COPPER, BOTH SIDES. FINISH ALL EXPOSED COPPER SURFACES WITH STANDARD LEADFREE SURFACE.
 - 5) THE LOCATION OF THE MARKING SHOULD BE ON THE SURFACE OF THE PCB, NOT THE EDGE.
 - 6) APPLY SOLDERMASK TO COMPONENT SIDE AND SOLDER SIDE, USING ☐ PC401 OR EQUIVALENT. ☒ LIQUID PHOTO IMAGEABLE. ☐ DRY FILM. COLOR : GREEN. USE SEPARATE FILM FOR COMPONENT SIDE AND SOLDER SIDE SOLDERMASKS. FABRICATOR SHALL MAKE NECESSARY MODIFICATIONS TO SOLDERMASK PHOTOPLT FILES FOR OPTIMAL SOLDERMASK COVERAGE BETWEEN FINE PITCH COMPONENT LEADS.
 - 7) APPLY LEGEND TO BOTH SIDE USING NON-CONDUCTIVE EPOXY INK. COLOR : WHITE. FABRICATOR SHALL MAKE NECESSARY MODIFICATIONS TO LEGEND PHOTOPLT FILES TO ENSURE NO LEGEND INK COVERS ANY COMPONENT PAD OR VIA PAD.
 - 8) PCB SHALL BE CLEAN AND FREE FROM DIRT, OIL, FINGERPRINTS, CORROSION, AND ANY OTHER FOREIGN MATERIAL.
 - 9) MODIFIED PHOTOPLT FILES ARE TO BE RETURNED BEFORE ORDER DELIVERED.
 - 10) FABRICATOR HAS APPROVAL TO REMOVE NON-FUNCTIONAL PADS FROM INNER LAYERS.
 - 11) BOW AND TWIST SHALL BE LESS THAN 0.0078" PER INCH.
 - 12) ALL PRINTED CIRCUIT BOARD NETS SHALL BE 100% ELECTRICALLY TESTED FOR OPENS AND SHORTS. MARK TEST VERIFICATION STAMP APPROPRIATELY WHERE SHOWN, ALONG EDGE OF PCB, USING WHITE INK.
 - 13) FABRICATION OF P.A.S.B. TO COMPLY WITH IPC-A-600, CLASS I , CURRENT REVISION.

APPROVALS		DATE	TRINAMIC			
DRAWN:	Eli Puusepp	22.05.2013	TMC457 Evaluation Board V1.1 FABRICATION			
CHECKER:						
PROJ MGR:	Kaiko Kevvai	22.05.2013	DRAWING NUMBER 8707000311			
CLIENT:	TRINAMIC					
SIZE	B		SCALE	1 : 1	SHEET	1 OF 1
					REVISION	V1.1

NOTICE: CONFIDENTIAL MATERIAL
Reproduction forbidden without the specific
written permission of Trinamic.