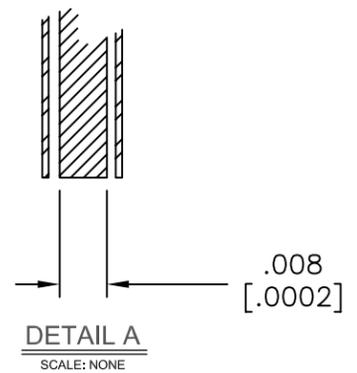
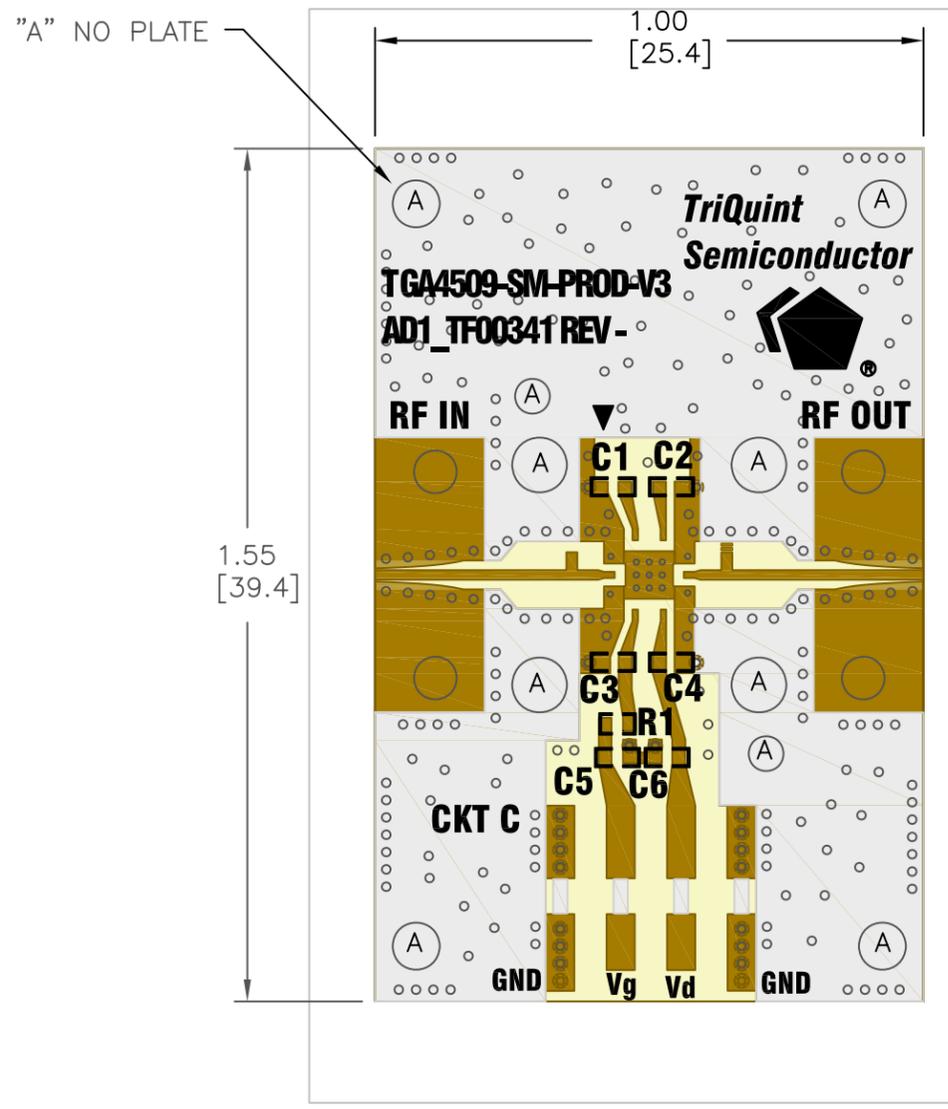


**NOTES: UNLESS OTHERWISE SPECIFIED**

- INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y14.5M ALL DIMENSIONS ARE IN INCHES. REFERENCE DIMENSIONS TO BE IN MILLIMETERS [MM] ENCLOSED BY BRACKETS.
- FABRICATION:  
PCB IN ACCORDANCE WITH IPC 6012A, CLASS 2; PER IPC 6011 USING CUSTOMER SUPPLIED DATA FILES.  
SUPPLIED GERBER FILE NAME FORMAT:  
GBR\_(THIS DRAWING NUMBER\_REV).ZIP
- MATERIALS:  
ROGERS RO4003 8 MIL SUBSTRATE. VENDOR TO DETERMINE BEST LAYOUT FOR PANELIZATION AND MAXIMUM NUMBER OF BOARDS.  
COPPER FOIL TO BE IN ACCORDANCE WITH IPC-MF-150.  
COPPER WIEGHT TO BE 0.5 oz.
- HOLES:  
ALL HOLES SHALL BE LOCATED WITHIN 0.2 (0.008") DIAMETER OF TRUE POSITION.  
ALL HOLES TO BE PLATED EXCEPT THOSE NOTED "Z".
- FINISH:  
ALL EXPOSED CONDUCTIVE PATTERN AREAS NOT COVERED WITH SOLDER MASK SHALL BE:  
SOFT GOLD - ELECTRO-LESS NICKEL IMMERSION GOLD (ENIG)  
2-4μIN NICKEL / 2-4 μIN GOLD, OVER ALL EXPOSED COPPER.  
SILKSCREEN SHALL BE WHITE, PERMANENT, ORGANIC, NON CONDUCTIVE INK. THERE SHALL BE NO SILKSCREEN ON ANY SOLDERABLE COMPONENT PAD.
- MARKING:  
MANUFACTURER'S IDENTIFICATION AND DATE CODE LETTER SHALL BE RENDERED IN INK ON THE BOTTOM SIDE OF THE BOARD
- TEST REQUIREMENTS: NONE
- TOLERANCES:  
CONDUCTOR WIDTHS AND SPACING SHALL BE WITHIN .0002 OF GERBER DATA.  
REMOVE ALL BURRS AND BREAK SHARP EDGES .001 MAXIMUM.  
SURFACE MOUNT PAD PLATING MUST BE FLAT TO A MAXIMUM OF .001 ABOVE BOARD.
- PACKAGING:  
COMPLETED BOARDS TO BE MADE WITH BREAK AWAY TABS.

REVISIONS			
REV	DESCRIPTION	DATE	APPV
-	RELEASE FOR PROTOTYPE	XXXXXX	



		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: DECIMALS    ANGLES .XX±.01       ±.1° .XXX±.001 .XXX±.0005 DO NOT SCALE DRAWING		CONTRACT OR PRODUCT LINE				500 W RENNEN RD RICHARDSON TX 75080 TEL 972.994.8200 FAX 972.994.8504	
		THIS DRAWING CONTAINS PROPRIETARY INFORMATION THAT MAY NOT BE USED WITHOUT THE WRITTEN CONSENT OF TRIQUINT SEMICONDUCTOR. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTIONS OR CRIMINAL PROSECUTION		APPROVALS		DATE		TITLE	
				DRAWN James Halvorson		07/21/08		FAB, TEST BOARD - TGA4509-PROD-V3	
				CHECKED Howard Kaun		07/22/08			
				ENGR Young-Ho Suh				SIZE	
				MFG				CAGE CODE	
				QA				DWG NO	
XXXXX		XXXXX						REV	
NEXT ASSY		USED ON						B 1CVM1	
APPLICATION								AD1_TF00341	
								SCALE	
								NONE	
								CADFILE	
								AD1_TF00341.DXF	
								SHEET	
								1 OF 1	