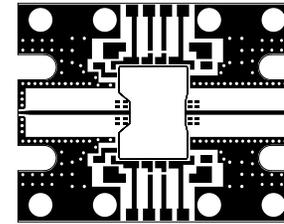


NOTES: UNLESS OTHERWISE SPECIFIED;

1. ALL DIMENSIONS ARE IN INCHES.
2. MATERIAL:
 - A. SUBSTRATE: ROGERS 4003C, .008 THICK
 - B. METAL 1 TOP AND METAL 2 BOT: 0.5oz. COPPER PER LAYER
 - C. SOLDERMASK: LPI, BLACK, TOP SIDE ONLY. MASK IN PLATED HOLES IS OK
 - D. SILKSCREEN: WHITE
3. PLATING:
 - A. METAL 1 TOP AND METAL 2 BOT:
 - NICKEL PLATE PER QQ-N-290, CLASS 1, GRADE G, 200u-in MIN (5um MIN);
 - GOLD PLATE PER ASTM B 488, TYPE III, CODE A, 3-10u-in (0.08-0.25um)
 - B. SELECTIVE GOLD LAYER:
 - GOLD PLATE PER ASTM B 488, TYPE III, CODE A, CLASS 1, 50u-in MIN (1.27 um MIN).
 - C. SELECTIVE GOLD, MUST BE FREE FROM CONTAMINATION, STAINS AND DEBRIS.
4. UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE:
 - A. PCB OUTLINE +.003 / -.002.
 - B. POSITION OF INTERNAL CUTOUT RELATIVE TO PCB OUTLINE ± .002.
5. BURRS SHALL NOT EXCEED .002.
6. COPPER IS PULLED BACK .002 ON METAL 1 TOP AND METAL 2 BOT FROM EDGE OF PCB.
7. METAL 1 TOP FEATURES TO BE WITHIN .001 OF CAD DATABASE.
8. ALL VIAS TO BE LOCATED WITHIN ± .002 OF CAD DATABASE.
9. FABRICATE IN ACCORDANCE WITH IPC-6018B, PER IPC-6011 CLASS 3.
10. ALL CIRCUITS TO BE SINGULATED, BAG AND TAG PARTS SEPARATELY.
11. FINISHED TOP AND BOTTOM METAL COPPER THICKNESS: .0014 ± .0004.
12. FINISHED BOARD THICKNESS: .011 FOR REFERENCE. THE CORE THICKNESS AND COPPER THICKNESS ARE THE OVER-RIDING REQUIREMENTS.

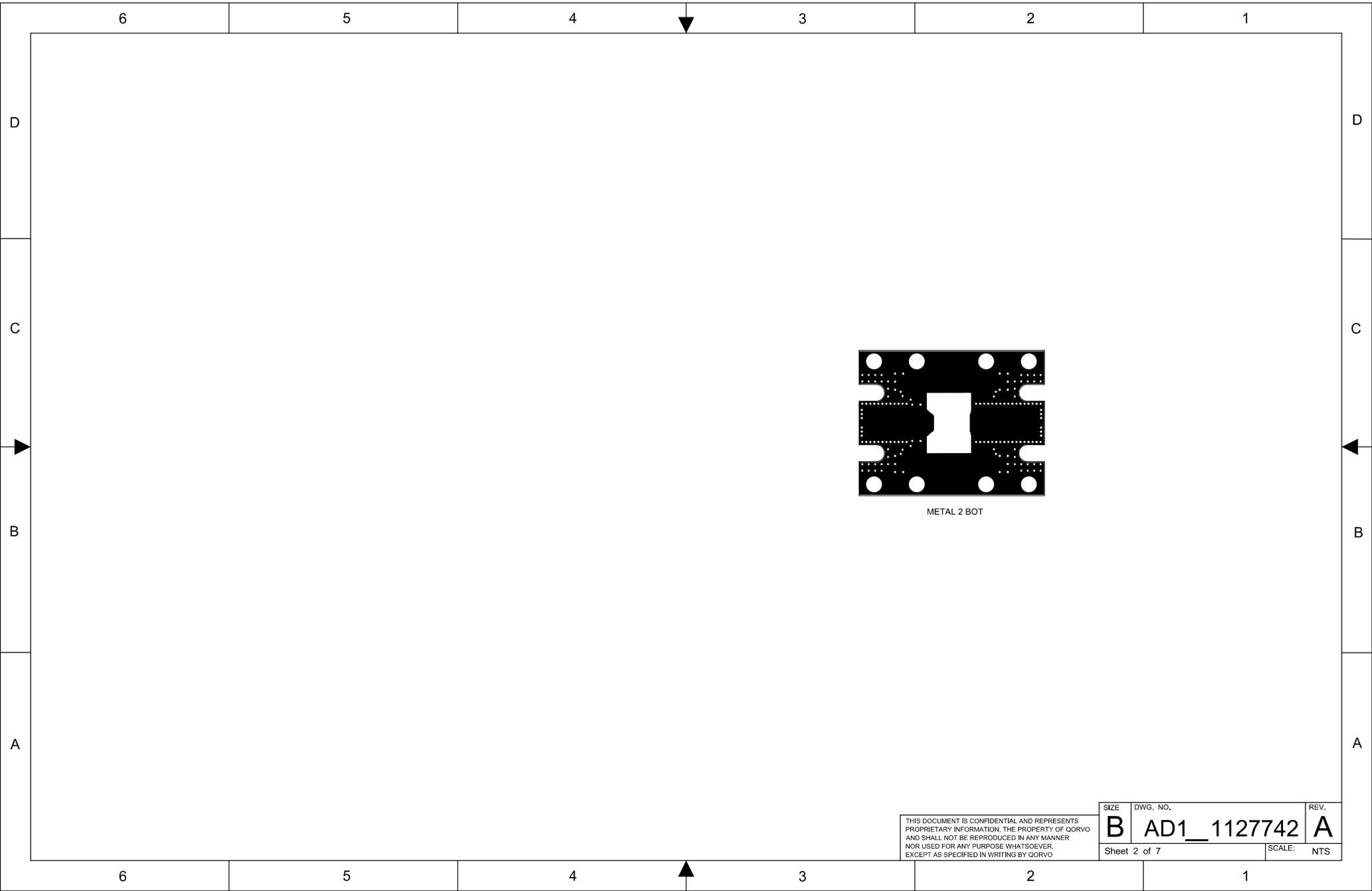
REVISION HISTORY				
ECN	REV	DESCRIPTION	DATE	APPROVAL
ECN-00010XX	A	NEW RELEASE	02/25/2015	TMONTIERTH



METAL 1 TOP

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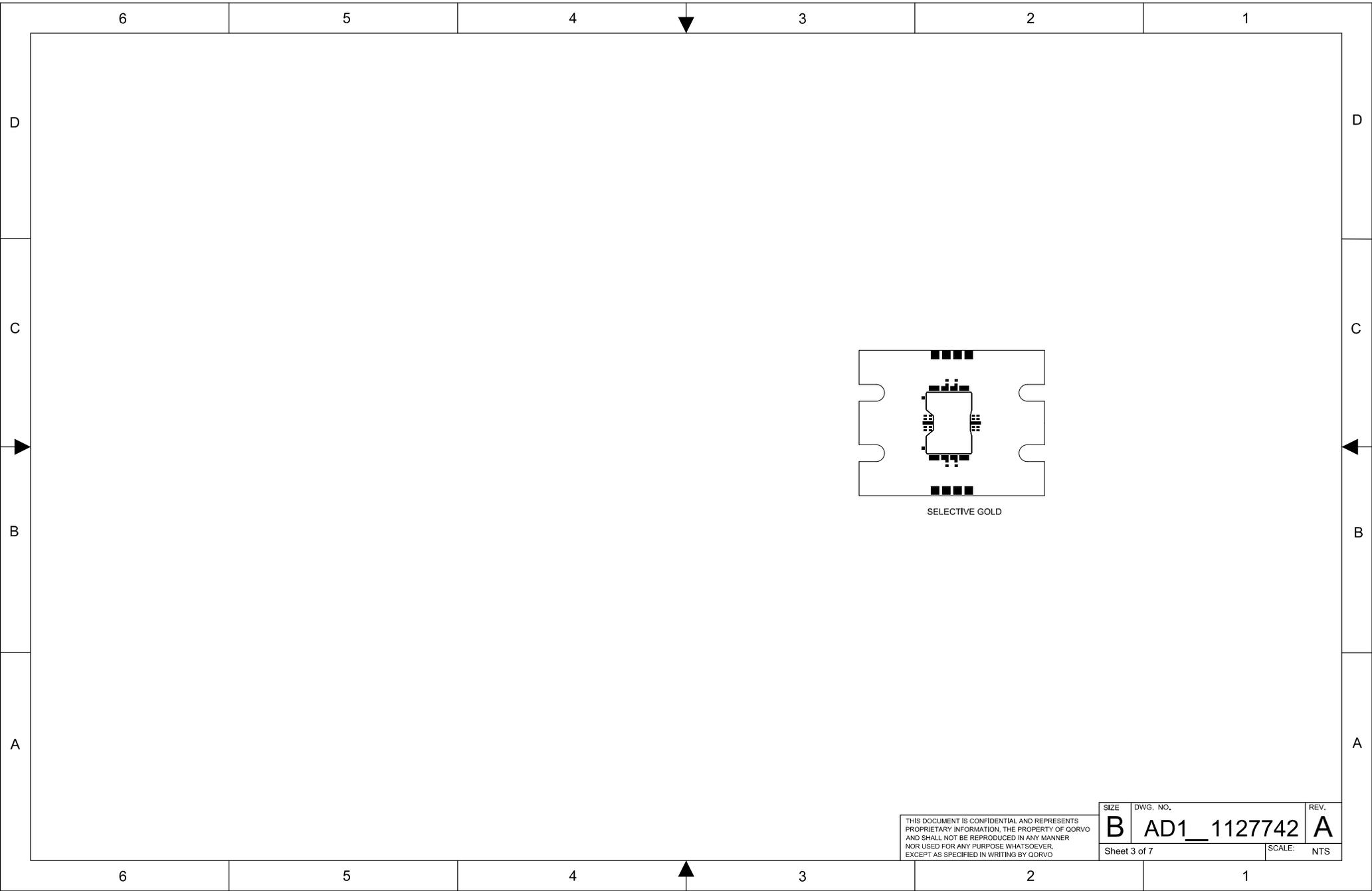
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES [mm]		PRODUCT: TGA2590 TGA2813		 500 W Renner RD. Richardson, TX 75080 Phone: 972.994.8200 www.qorvo.com									
TOLERANCES ARE: <table border="1"> <tr> <th>DECIMALS</th> <th>METRIC</th> </tr> <tr> <td>.XX ± .01</td> <td>[.X ± 0.3mm]</td> </tr> <tr> <td>.XXX ± .005</td> <td>[.XX ± 0.13mm]</td> </tr> <tr> <td>.XXXX ± .0010</td> <td>[.XXX ± .025mm]</td> </tr> </table> ANGLES = ±0.5° INTERPRET DRAWING PER ANSI Y14.5-2009		DECIMALS	METRIC			.XX ± .01	[.X ± 0.3mm]	.XXX ± .005	[.XX ± 0.13mm]	.XXXX ± .0010	[.XXX ± .025mm]	PROJECT:	
DECIMALS	METRIC												
.XX ± .01	[.X ± 0.3mm]												
.XXX ± .005	[.XX ± 0.13mm]												
.XXXX ± .0010	[.XXX ± .025mm]												
 THIRD ANGLE PROJECTION DO NOT SCALE DRAWING		DESIGNER: TMONTIERTH ENGR: TNGUYEN MFG: MANAGER: C.A.: CAGE CODE:		DATE: 02/25/15 DATE: 02/25/15 PDM CONTROLLED									
		1CVM1		TITLE: PCB, EVAL, TGA2590/TGA2813									
		SIZE: B		DWG. NO. AD1_1127742									
		Sheet 1 of 7		REV. A SCALE: NTS									



METAL 2 BOT

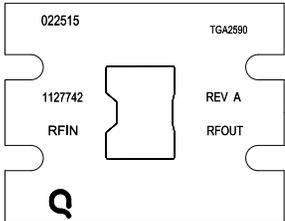
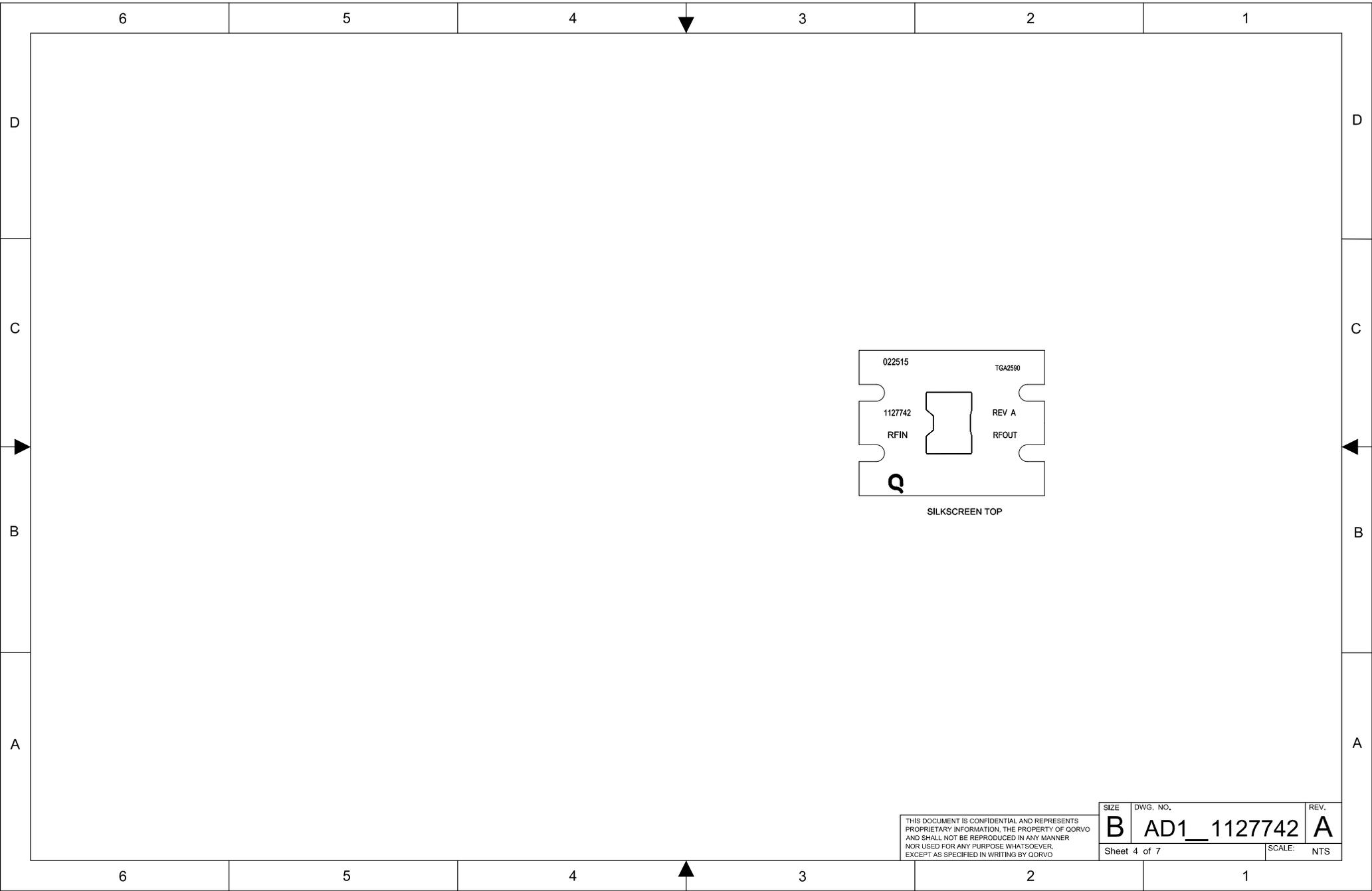
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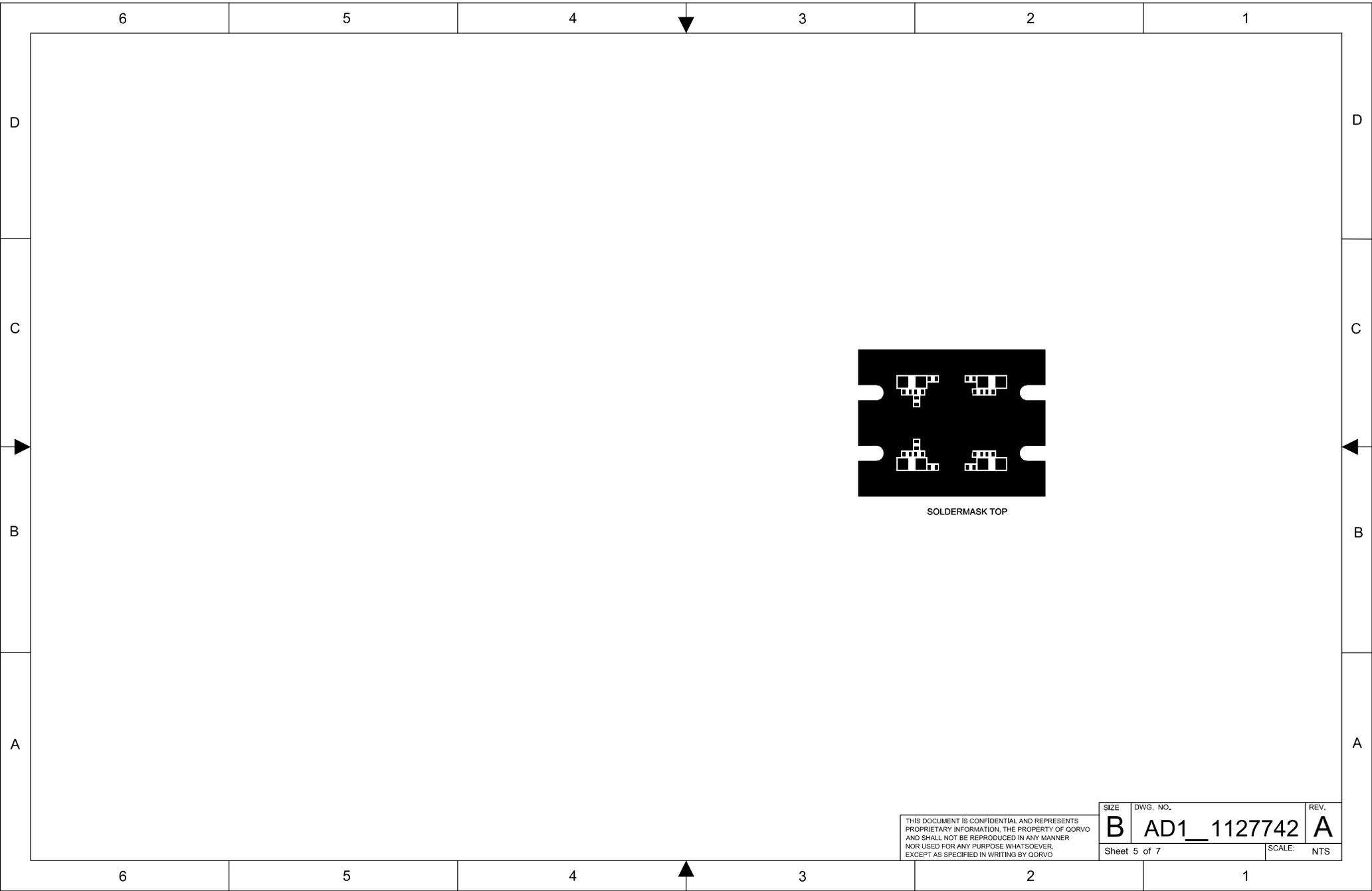
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SILKSCREEN TOP

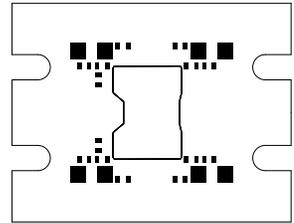
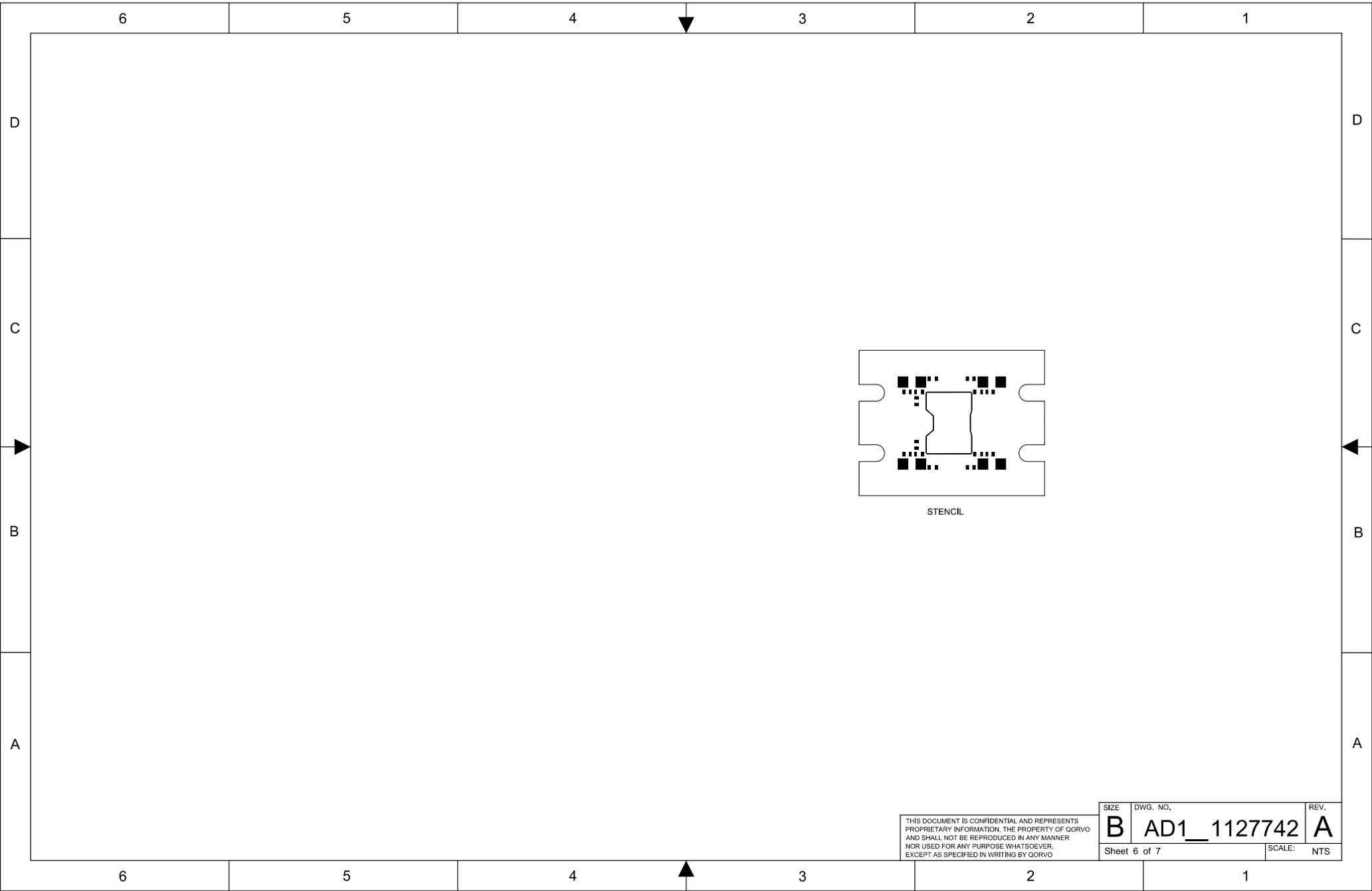
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