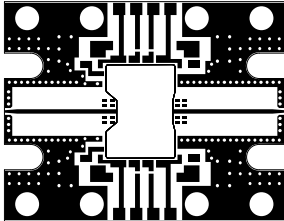


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NOTES: UNLESS OTHERWISE SPECIFIED;  
1. ALL DIMENSIONS ARE IN INCHES.  
2. MATERIAL:  
A. SUBSTRATE: ROGERS 4003C, .008 THICK  
B. METAL 1 TOP AND METAL 2 BOT: 0.5oz. COPPER PER LAYER  
C. SOLDERMASK: LPI, BLACK, TOP SIDE ONLY. MASK IN PLATED HOLES 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 CUTOOUT 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.

↓



METAL 1 TOP

↑

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UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN INCHES [mm]  
TOLERANCES ARE:  
DECIMALS METRIC  
.XX±.01 [.X ± 0.3mm]  
.XXX±.005 [.XX ± 0.13mm]  
.XXXX±.0010 [.XXX ± .025mm]  
ANGLES = ±0.5°  
INTERPRET DRAWING PER ANSI Y14.5-2009  
THIRD ANGLE PROJECTION  
DO NOT SCALE DRAWING

PRODUCT: TGA2590 TGA2813  
PROJECT:  
APPROVAL AND RELEASE RECORDS MAINTAINED IN PDM  
DESIGNER TDMONTIERTH 02/25/15  
ENGR. TNGUYEN 02/25/15  
MFG.  
MANAGER  
C.A.  
CAGE CODE  
PDM CONTROLLED  
1CVM1

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TITLE:  
PCB, EVAL,  
TGA2590/TGA2813

SIZE DWG. NO. REV.  
B AD1\_1127742 A

Sheet 1 of 7 SCALE: NTS

654321

D

C

B

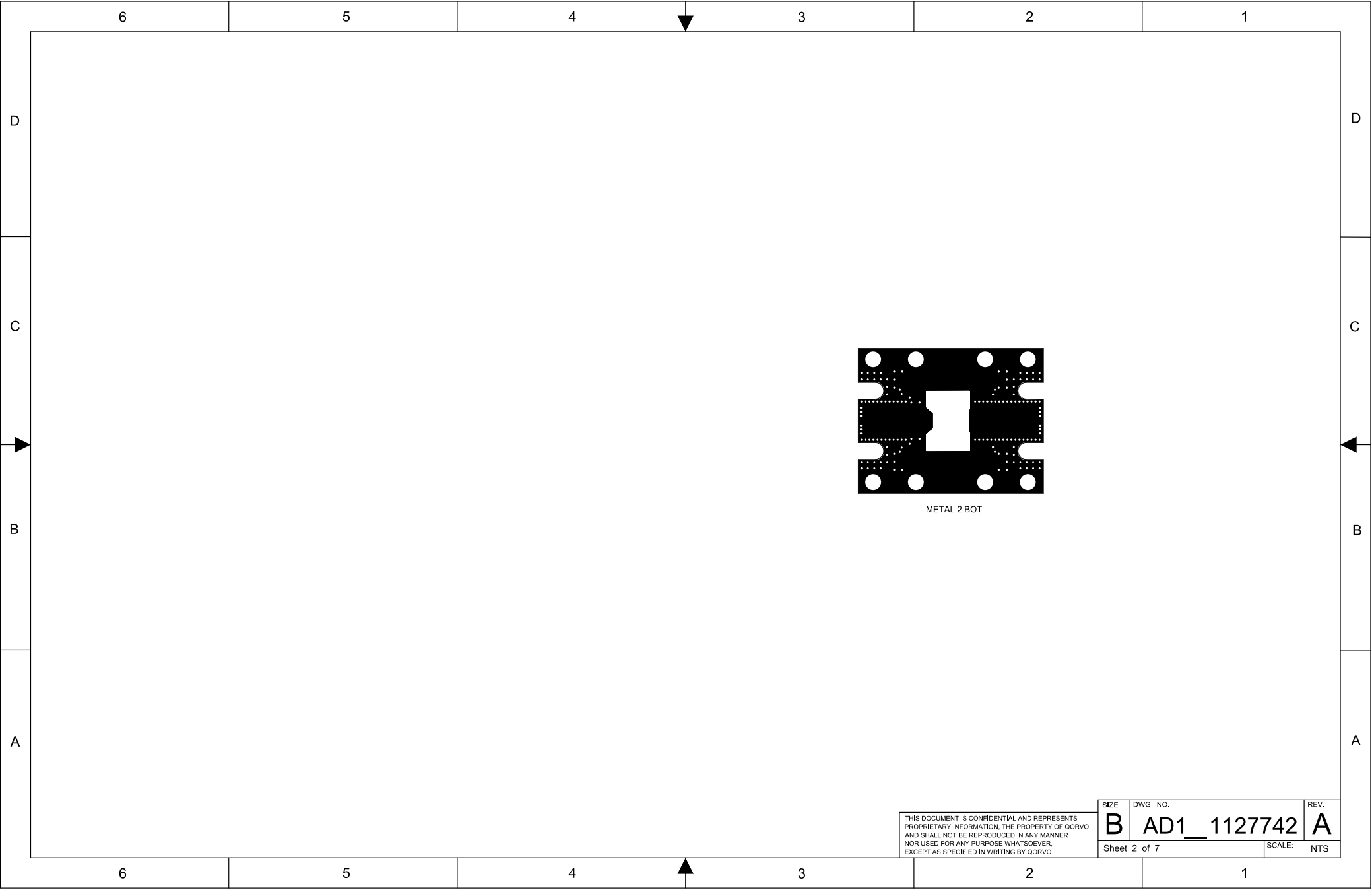
A

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C

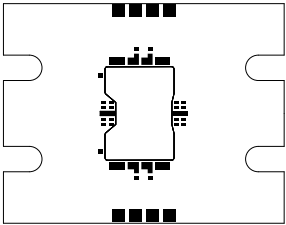
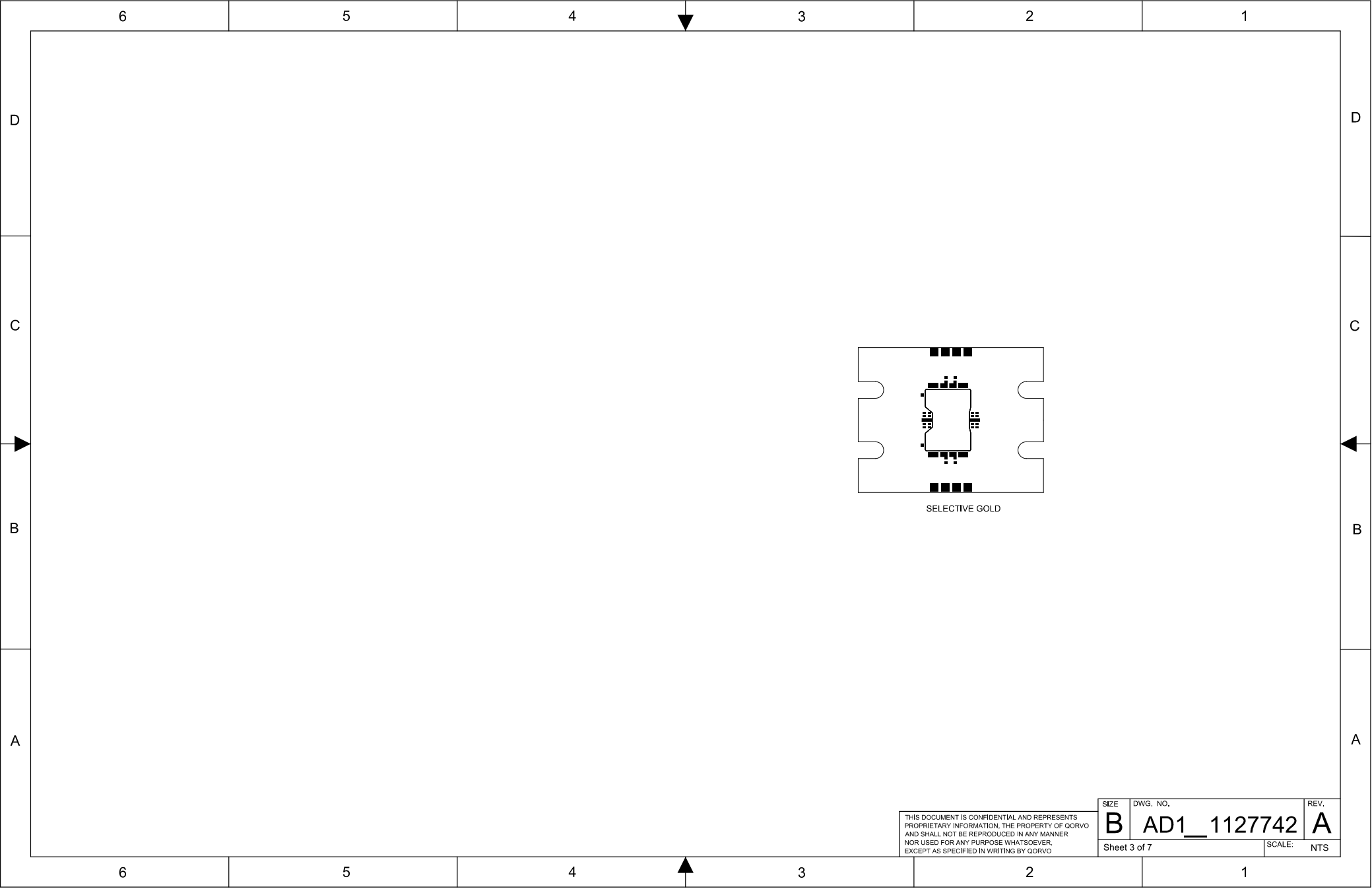
B

A



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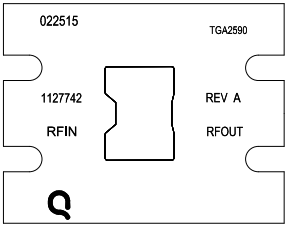
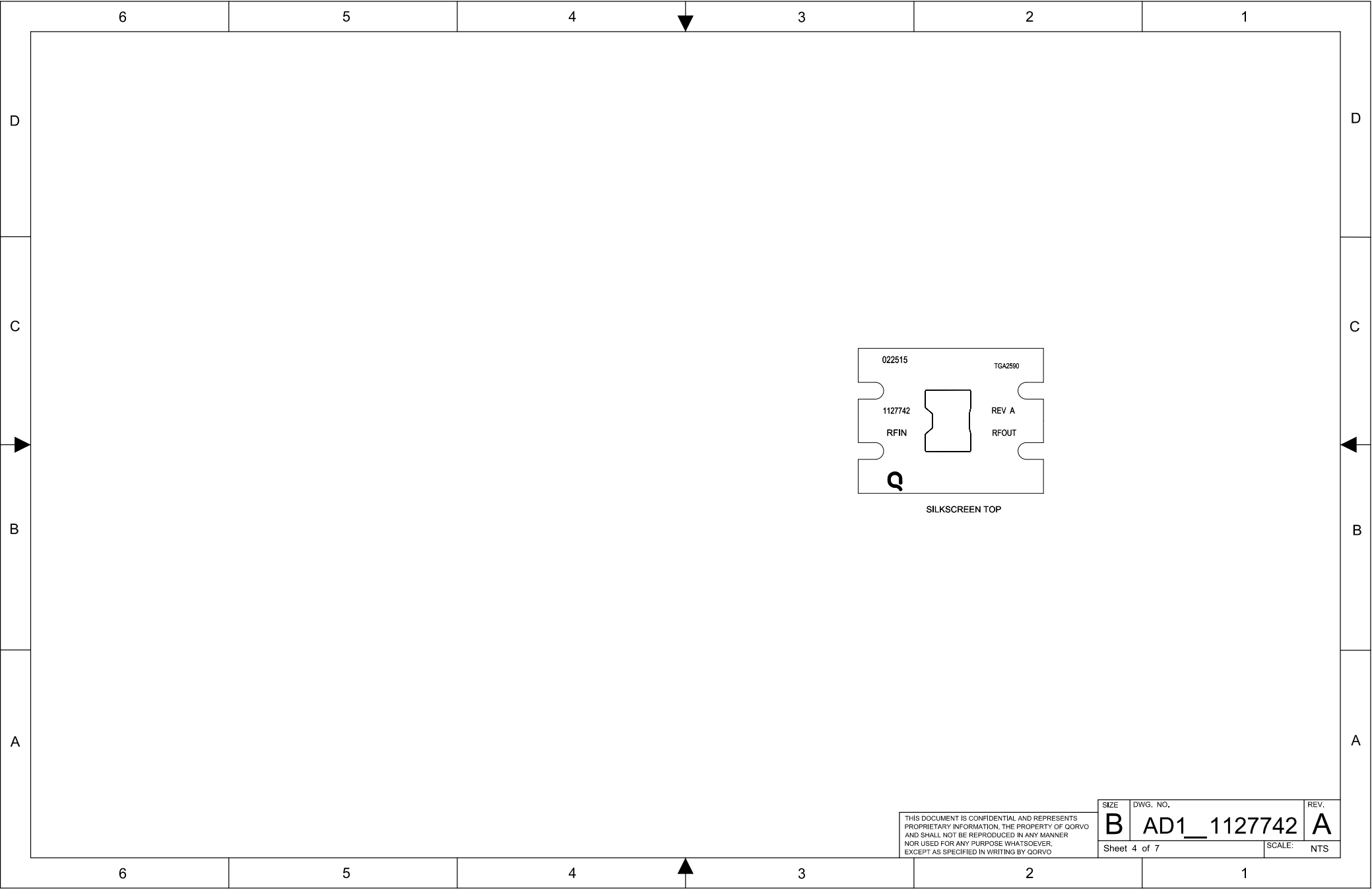
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SELECTIVE GOLD

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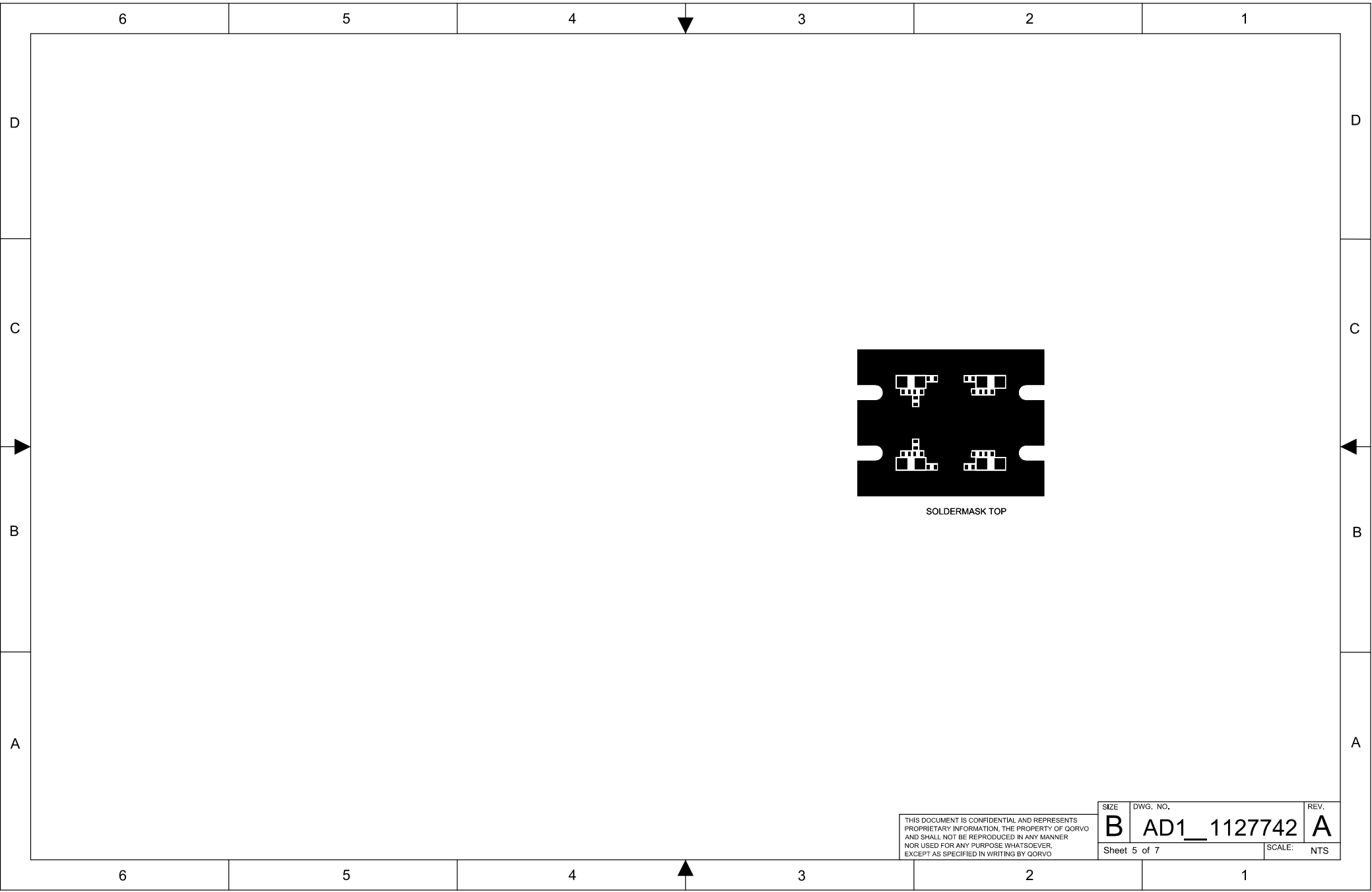
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SILKSCREEN TOP

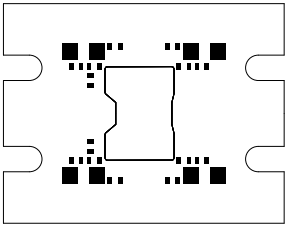
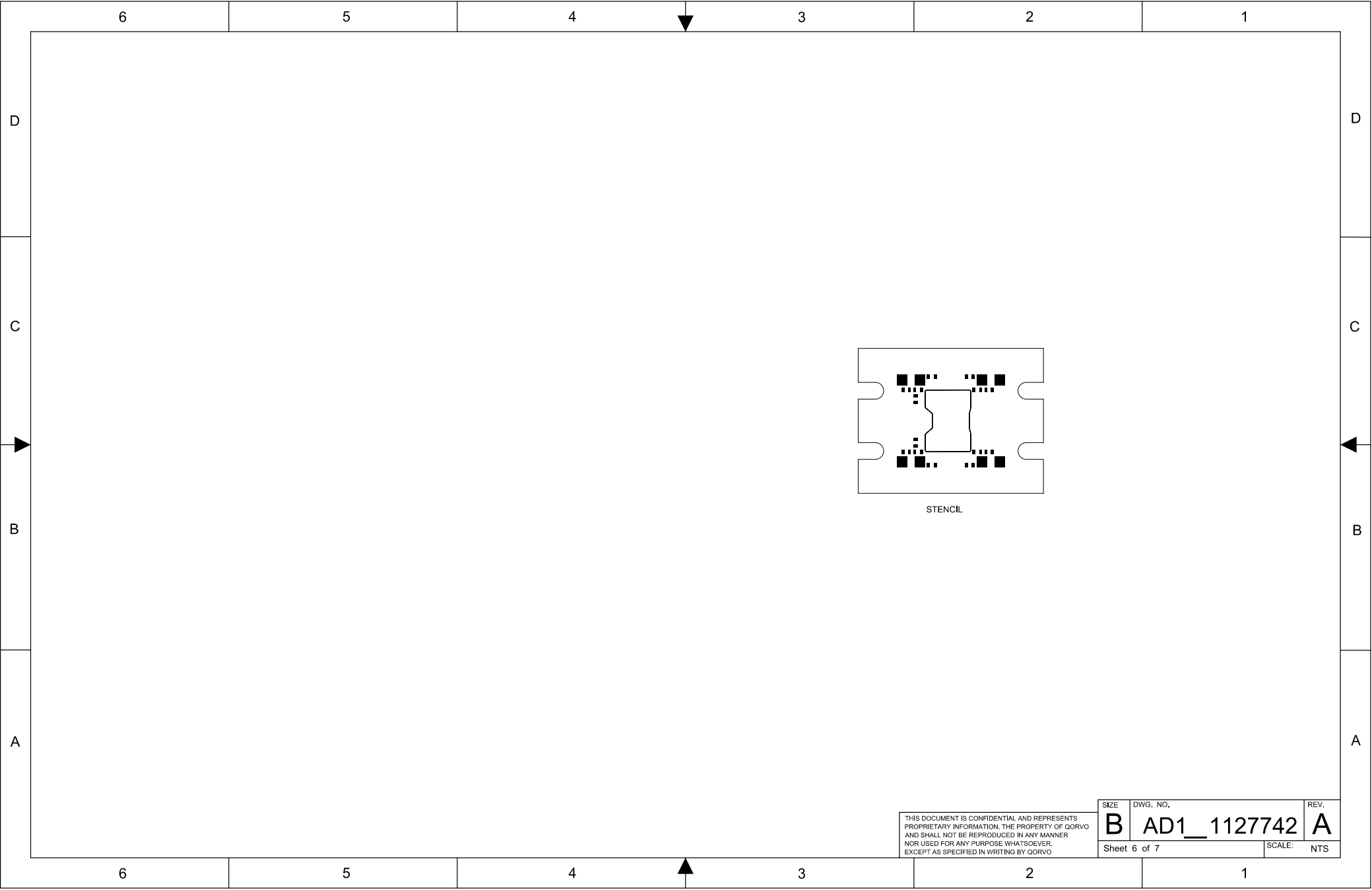
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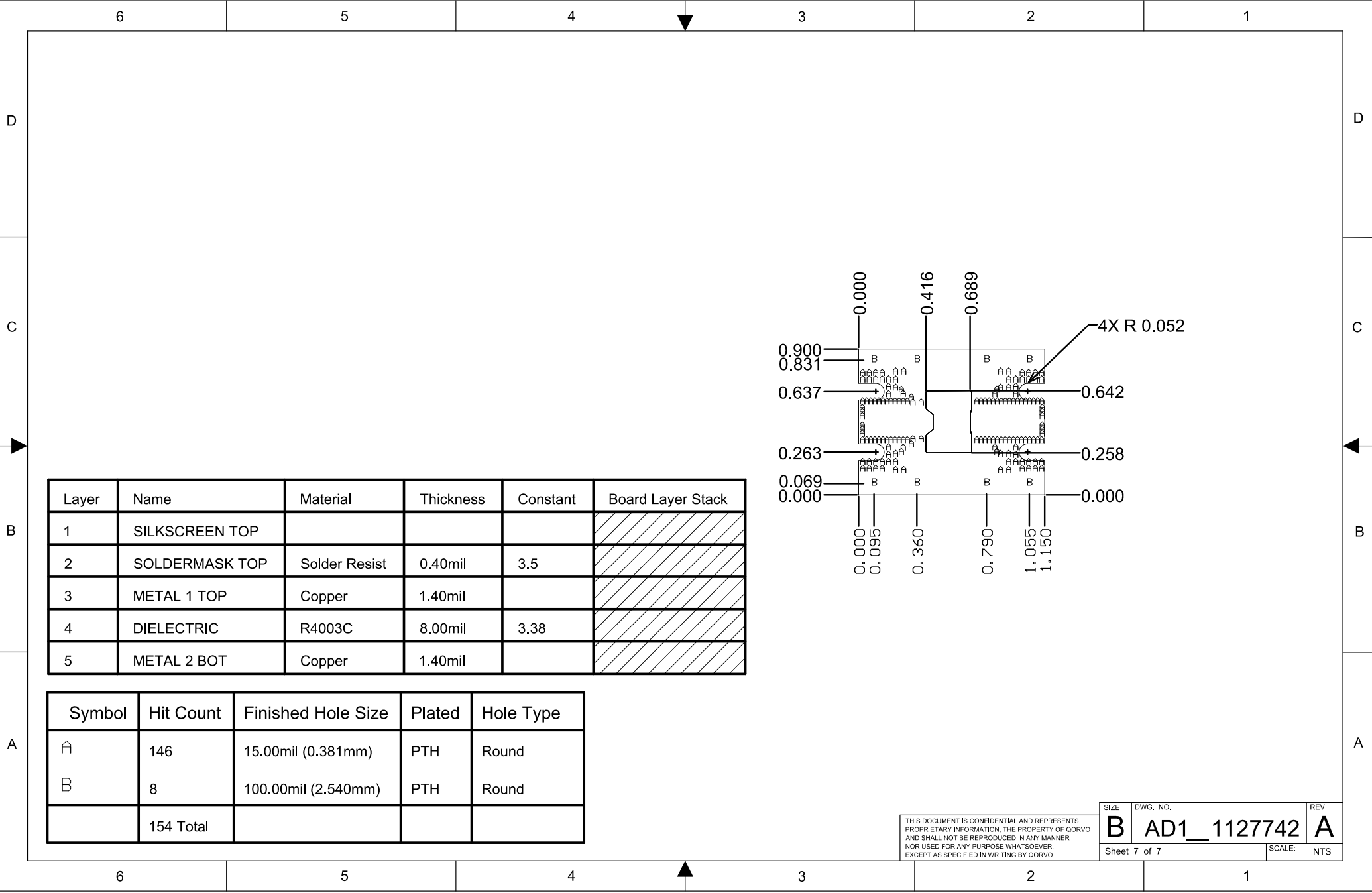
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STENCIL

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