

654321

NOTES: (UNLESS OTHERWISE SPECIFIED)

1. MATERIAL:
METAL 1-2: .5 oz. COPPER
LAYER 1: ROGERS 4003C, .008 in. THICK
SOLDERMASK TOP: LPI OR LDI (BLACK)
SILKSCREEN TOP: WHITE EPOXY INK

2. PLATING:
METAL 1 AND METAL 2: ENIG PER - IPC 4552
COPPER PLATE SHALL BE .0014 ±.004 FINISH THICKNESS. VIAS WALLS SHALL BE PLATED .0007 MIN.
NICKEL PLATE (118-236 µin)
GOLD PLATE (2 - 10 µin)

3. FABRICATE IN ACCORDANCE WITH IPC 6018B, PER IPC 6011 CLASS 3

4. FINISH THICKNESS: (.011 in).

5. TOLERANCE: PCB OUTLINE: ±.0020 in.

6 COPPER IS PULLED BACK .0020 in. ON METAL 1 AND 2 FROM EDGE OF PCB.

7 VIAS UNDER DUT SHALL BE COPPER PLATED FILLED, OVER PLATED AND CO-PLANAR.

8. METAL 1 TOP AND METAL 2 BOT SHALL BE PLANARIZED AFTER PLATING HOLES SHUT.
MAX ALLOWED NEGATIVE FEATURE .0008. MAX ALLOWED POSITIVE FEATURE .0003.

9. CONDUCTOR WIDTH AND SPACING WITHIN .0010 in. OF CAD DATABASE.

10. SOLDERMASK IN PLATED-THRU HOLES IS ACCEPTABLE AS LONG AS IT DOES EXIST ON THE BACKSIDE.

11. ALL HOLES TO BE LOCATED WITHIN ±.003 in. OF CAD DATABASE.

12. BURRS SHALL NOT EXCEED .0020 in.

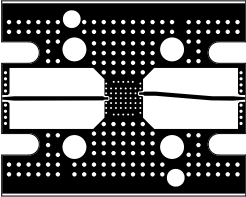
13. NO VENDOR MARKING ON SERIALIZATION ALLOWED

14. BAG AND TAG SEPARATELY.

15. STENCIL:
SOLDER PASTE APPLICATION MACHINE: APS (SPR-20)
TOLERANCE TO BE ±.001 INCHES.
SPACING OF CELLS TO BE 1.00 in. APART.
MATERIAL: STAINLESS STEEL, .005 in. THICK
MARK PART: TGL2927-SM, PCB

REVISION HISTORY

ECN	REV	DESCRIPTION	DATE	APPROVAL
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METAL 1 TOP


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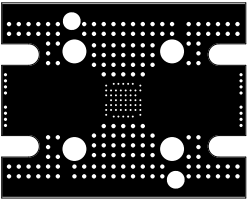
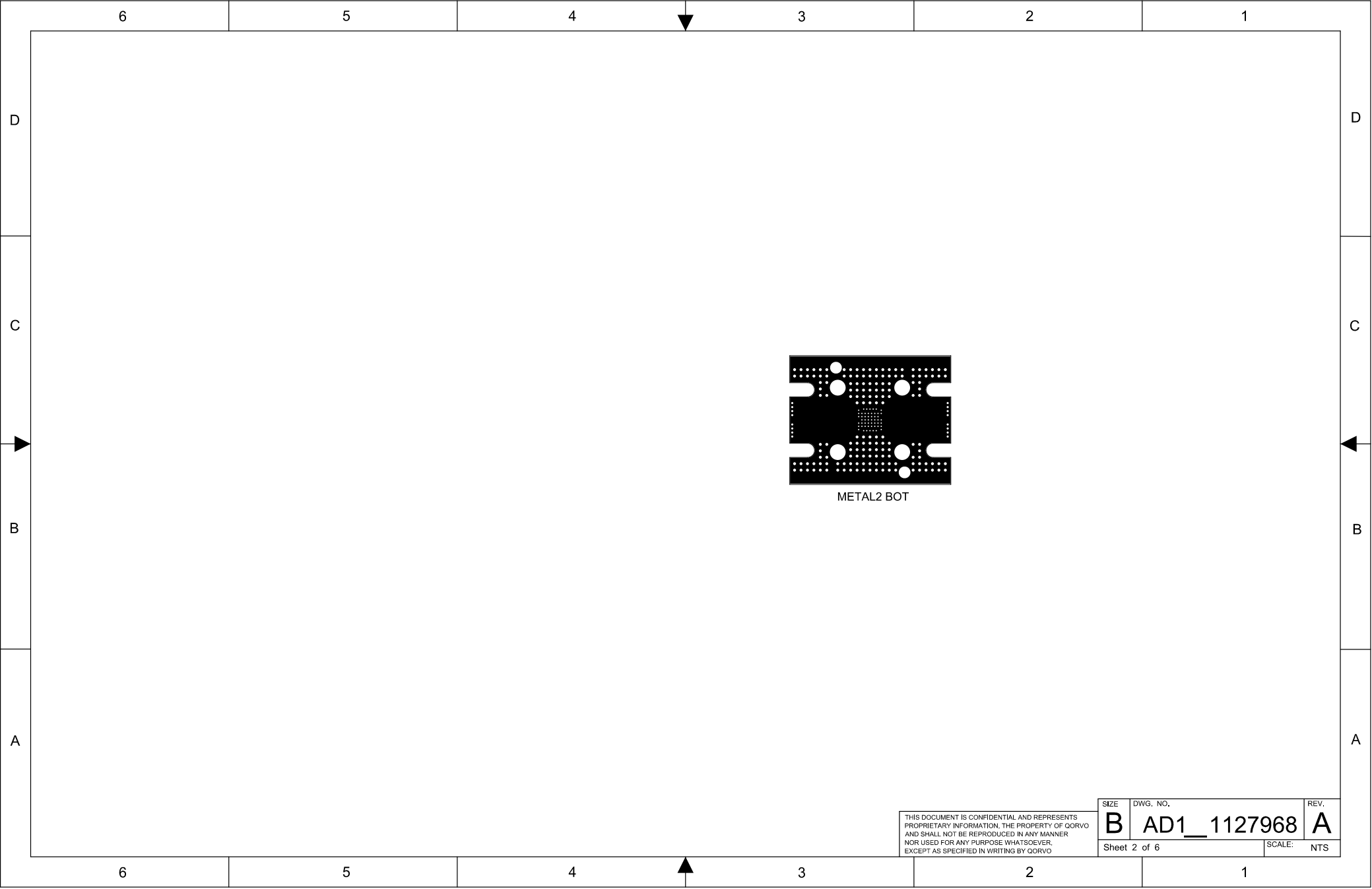
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES [mm]	PRODUCT: TGL2927-SM	
PROJECT:		
APPROVAL AND RELEASE RECORDS MAINTAINED IN PDM		DATE
DESIGNER	TMONTIERTH	03/10/15
ENGR.	THON	03/10/15
MFG.		
MANAGER		
C.A.		
CAGE CODE		
1CVM1		

TITLE:		500 W Renner RD. Richardson, TX 75080 Phone: 972.994.8200 www.qorvo.com	
TGL2927-SM, EVB PRINTED CIRCUIT BOARD			
SIZE	DWG. NO.	REV.	
B	AD1_1127968	A	
Sheet 1 of 6		SCALE:	NTS

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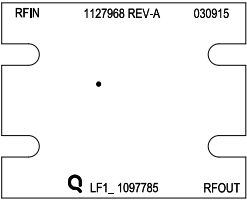
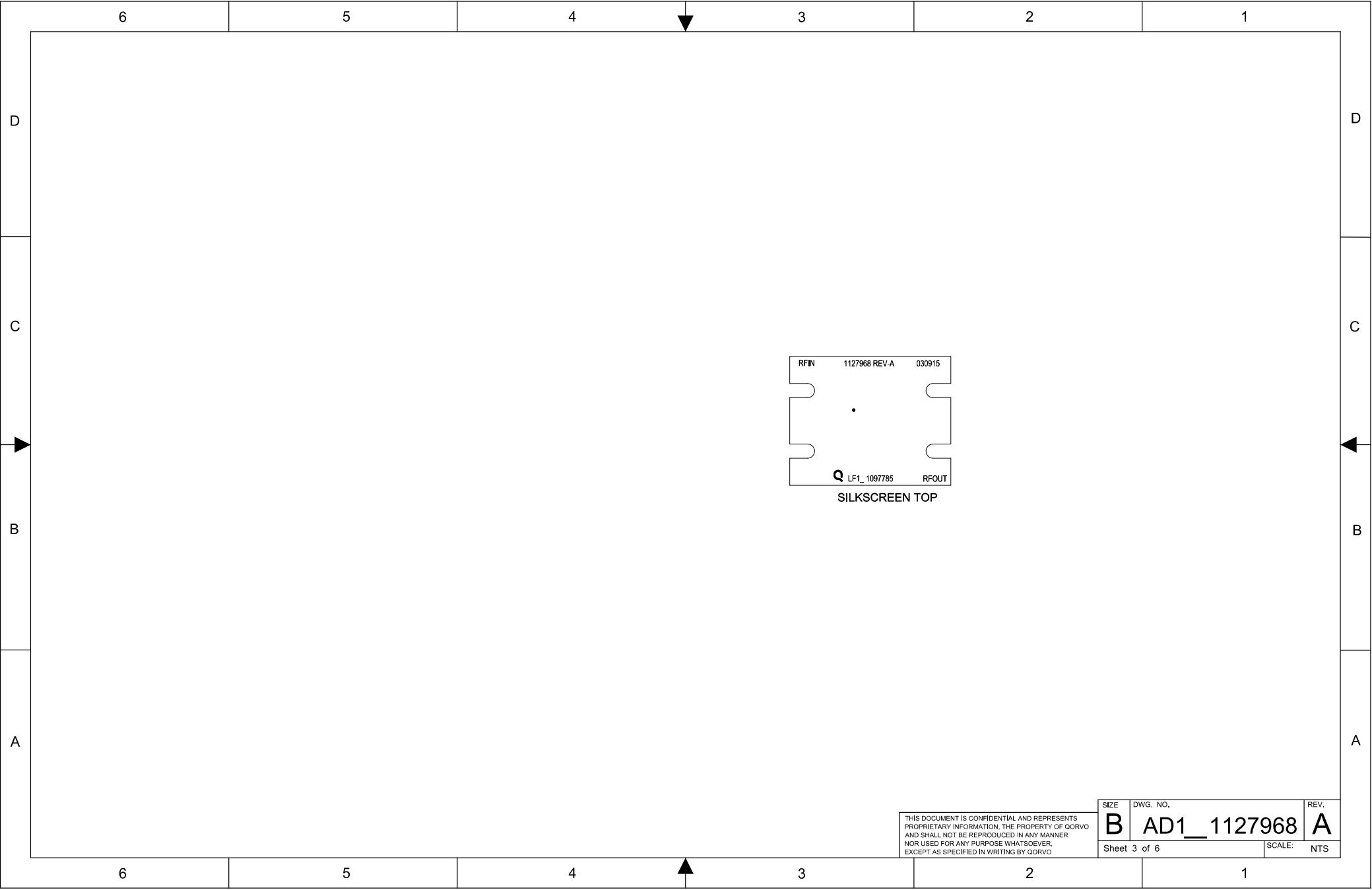
THIRD ANGLE PROJECTION
DO NOT SCALE DRAWING





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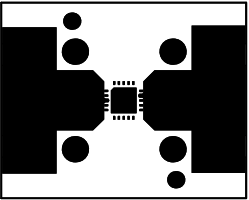
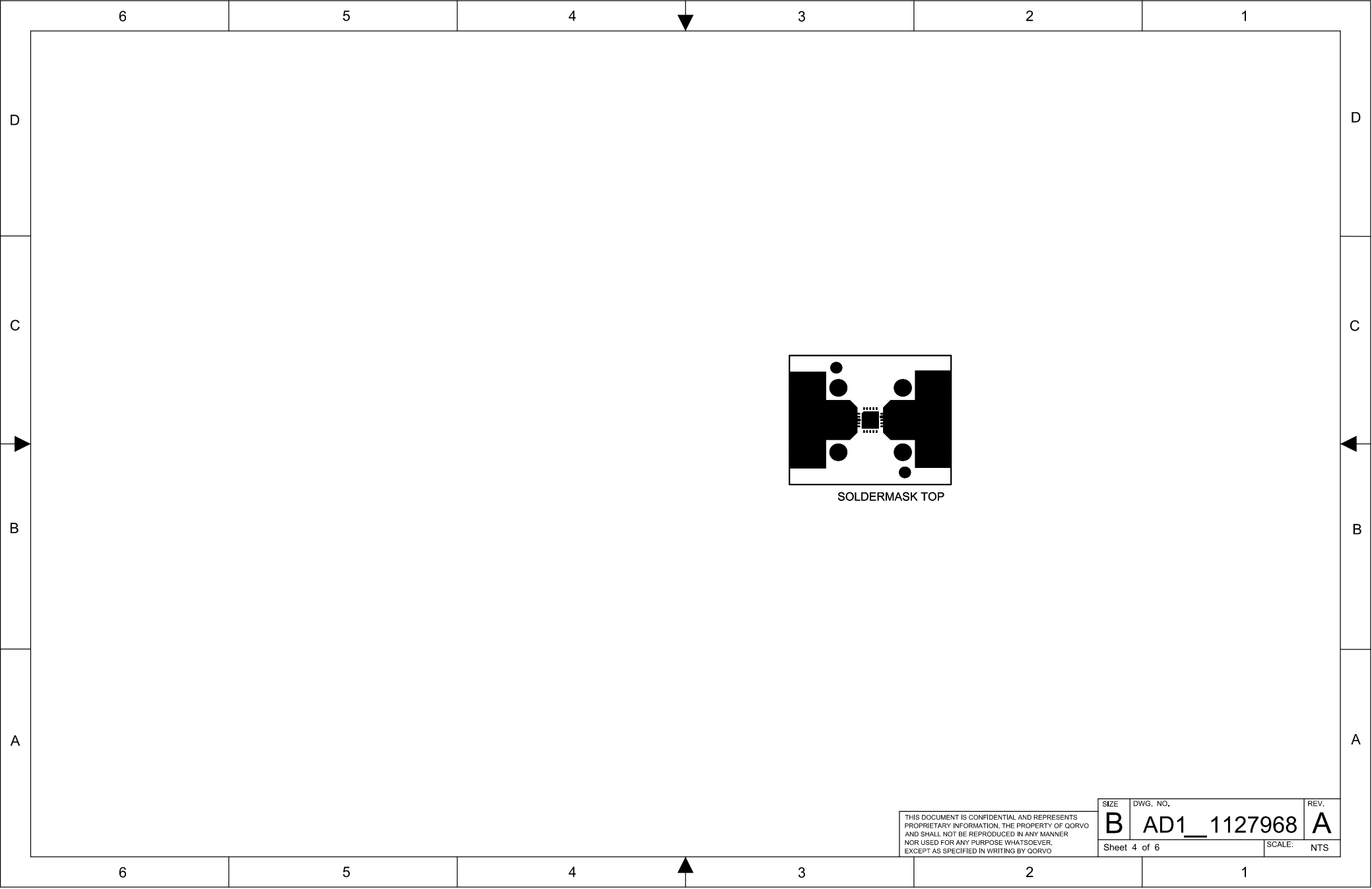
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SILKSCREEN TOP

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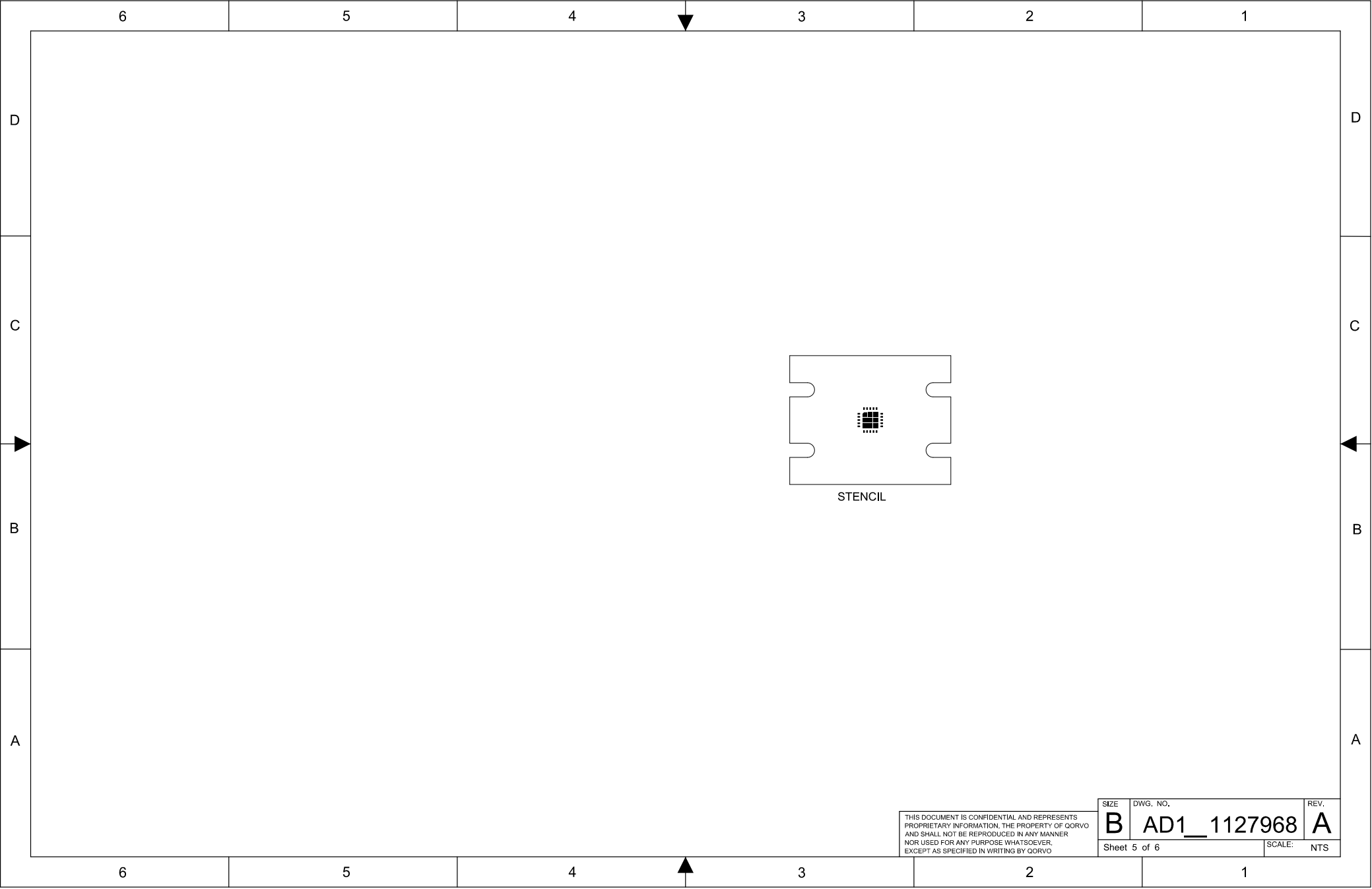
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SOLDERMASK TOP

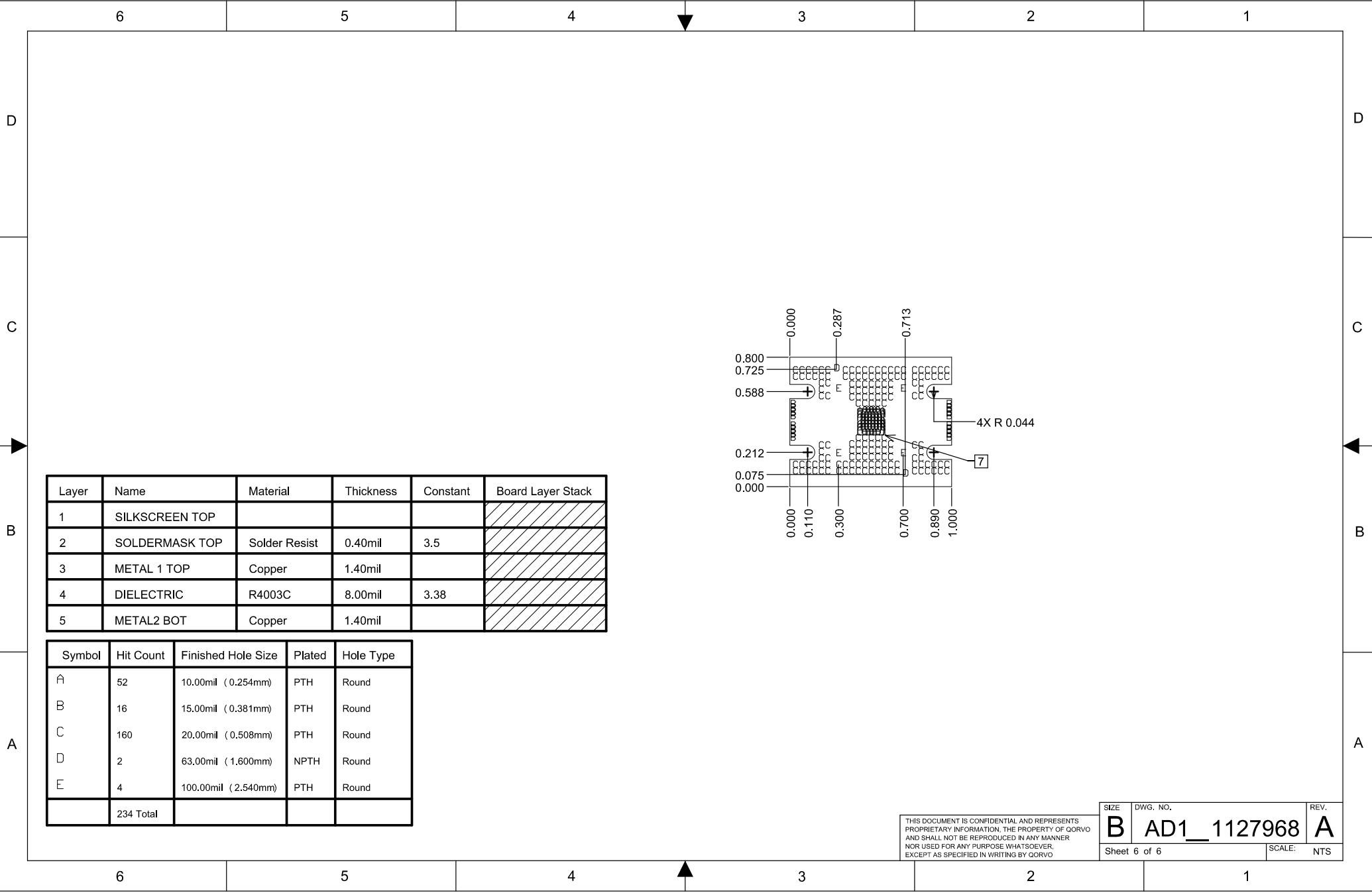
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Layer	Name	Material	Thickness	Constant	Board Layer Stack
1	SILKSCREEN TOP				
2	SOLDERMASK TOP	Solder Resist	0.40mil	3.5	
3	METAL 1 TOP	Copper	1.40mil		
4	DIELECTRIC	R4003C	8.00mil	3.38	
5	METAL2 BOT	Copper	1.40mil		

Symbol	Hit Count	Finished Hole Size	Plated	Hole Type
A	52	10.00mil (0.254mm)	PTH	Round
B	16	15.00mil (0.381mm)	PTH	Round
C	160	20.00mil (0.508mm)	PTH	Round
D	2	63.00mil (1.600mm)	NPTH	Round
E	4	100.00mil (2.540mm)	PTH	Round
	234 Total			

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