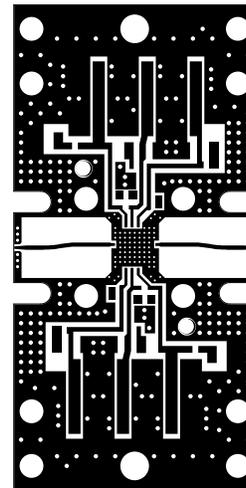


NOTES: (UNLESS OTHERWISE SPECIFIED)

1. MATERIAL:
METAL 1-2: .5 oz. COPPER
LAYER 1: ROGERS 4003C, .008 in. THICK
SOLDERMASK: LPI OR LDI (BLACK)
SILKSCREEN: WHITE EPOXY INK
2. PLATING:
METAL 1 AND METAL 2:
COPPER PLATE SHALL BE .0014 ±.004 FINISH THICKNESS. VIAS WALLS SHALL BE PLATED .0007 MIN.
NICKEL PLATE (200 µin) MIN. PER QQ-N-290, GRADE G, CLASS 1
GOLD PLATE (3 - 10 µin) PER ASTM B 488, TYPE III, GRADE A
METAL1 SELECTIVE PLATING (BONDIBLE):
GOLD PLATE (50 µin) MIN. PER ASTM B 488, TYPE III, GRADE A
METAL 1 SELECTIVE PLATING MUST BE FREE FROM CONTAMINATION, STAINS AND DEBRIS.
3. FABRICATE IN ACCORDANCE WITH IPC 6018B, FOR IPC 6011 CLASS 3
4. FINISH THICKNESS: .011 ±.003 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 SHUT, OVER PLATED AND PLANERIZED.
8. CONDUCTOR WIDTH AND SPACING WITHIN .0010 in. OF CAD DATABASE.
9. ALL HOLES TO BE LOCATED WITHIN ±.0015 in. OF CAD DATABASE.
10. BURRS SHALL NOT EXCEED .0020 in.
11. BAG AND TAG SEPARATELY.
12. 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: TGA2975-SM/TGA2830-SM, PCB

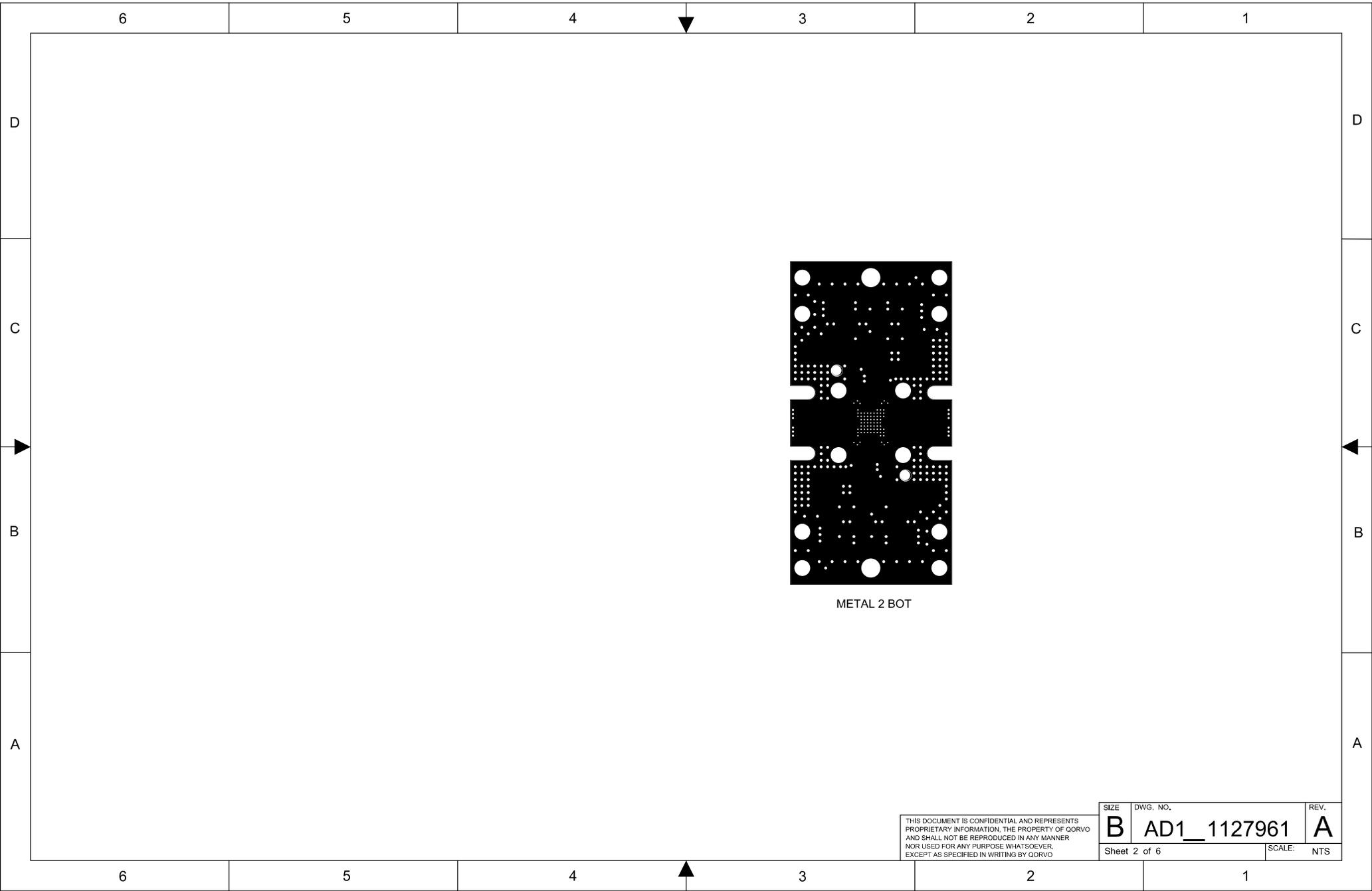
REVISION HISTORY				
ECN	REV	DESCRIPTION	DATE	APPROVAL
ECN-00010XX	A	NEW RELEASE	02/27/15	TMONTIERTH



METAL 1 TOP

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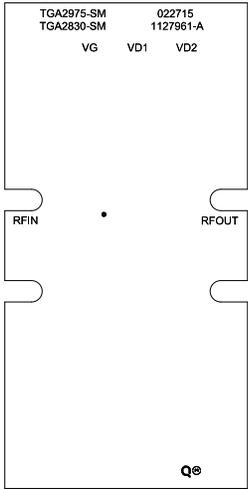
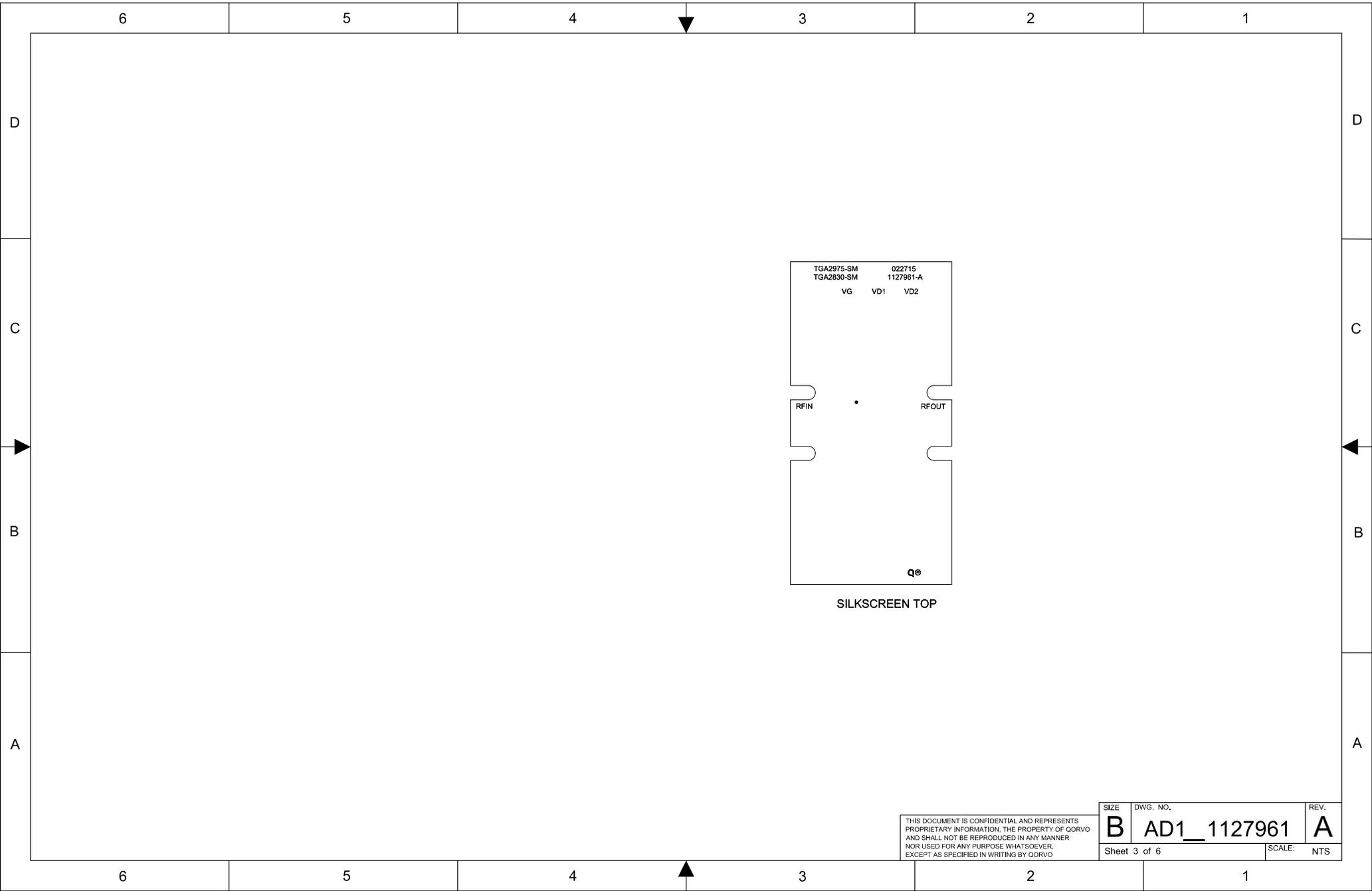
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES (mm)		PRODUCT: TGA2975-SM, TGA2830-SM		 500 W Renner RD. Richardson, TX 75080 Phone: 972.994.8200 www.qorvo.com		
TOLERANCES ARE: DECIMALS METRIC .XX ± .01 [.X ± 0.3mm] .XXX ± .005 [.XX ± 0.13mm] .XXXX ± .0010 [.XXX ± .025mm] ANGLES = ±0.5°		PROJECT: APPROVAL AND RELEASE RECORDS MAINTAINED IN PDM DATE				TITLE: PC BOARD FABRICATION, TGA2975-SM / TGA2830-SM, EVB
INTERPRET DRAWING PER ANSI Y14.5-2009		DESIGNER	TMONTIERTH	02/27/15		
 THIRD ANGLE PROJECTION DO NOT SCALE DRAWING		ENGR	BKIM	02/27/15		
		MFG.	PDM CONTROLLED		SIZE	DWG. NO.
		MANAGER			B	AD1_1127961
		C.A.			REV.	A
		CAGE CODE	1CVM1		Sheet 1 of 6	
					SCALE:	NTS



METAL 2 BOT

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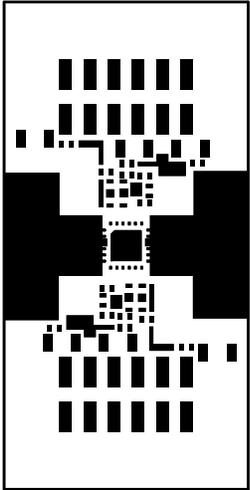
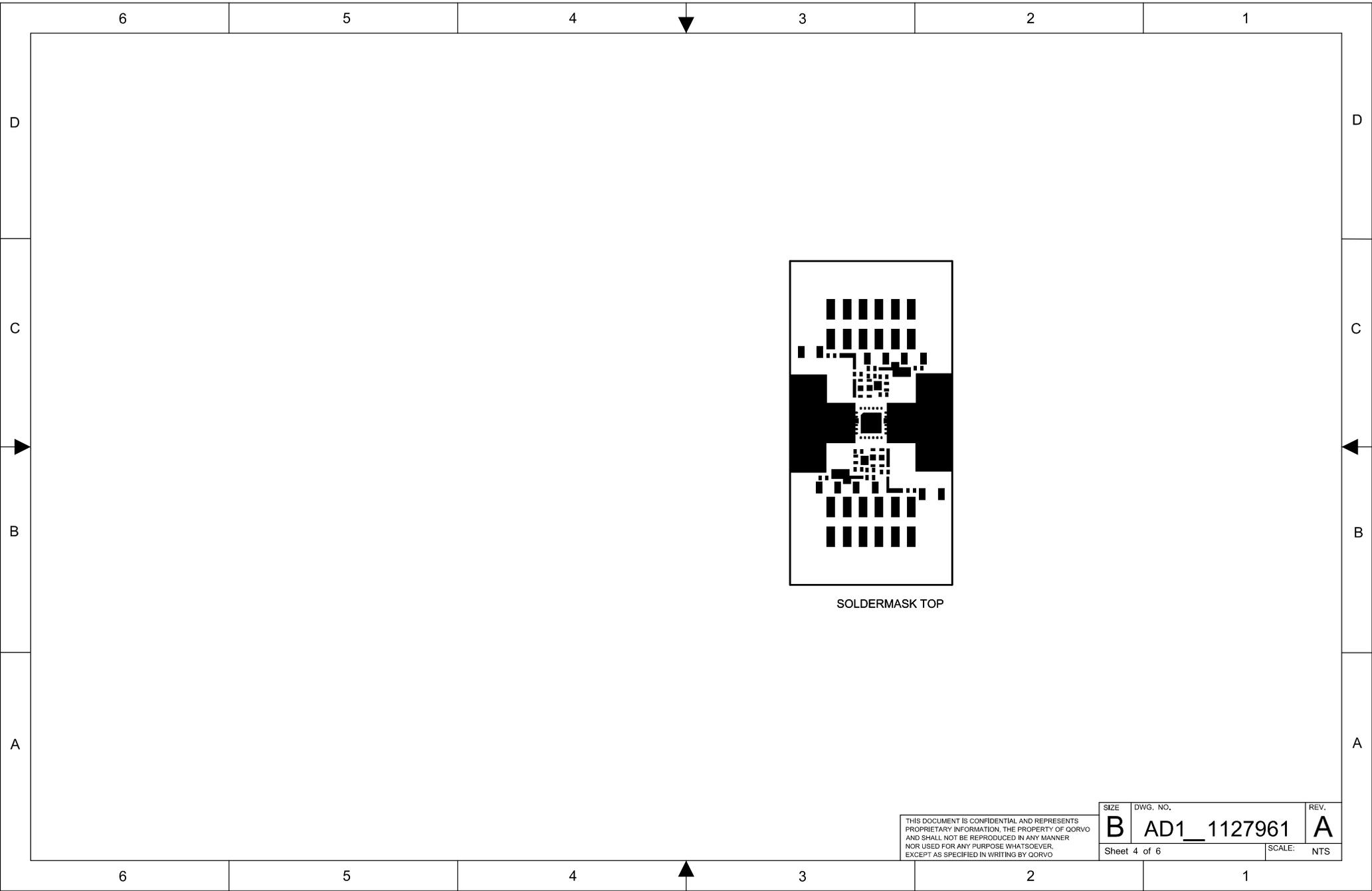
SIZE	DWG. NO.	REV.
B	AD1_1127961	A
Sheet 2 of 6		SCALE: NTS



SILKSCREEN TOP

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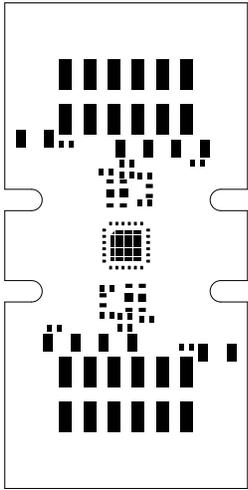
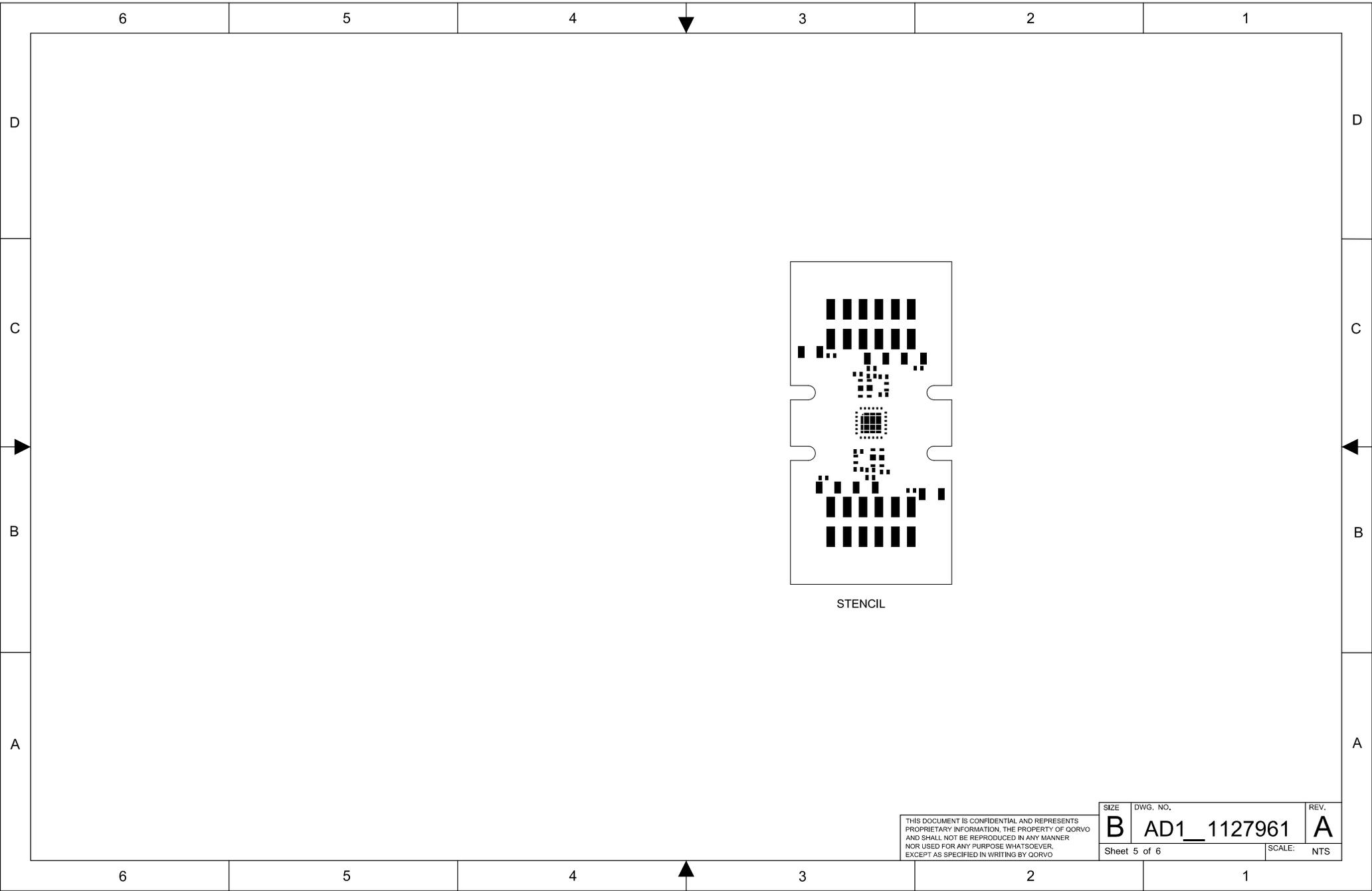
SIZE	DWG. NO.	REV.
B	AD1_1127961	A
Sheet 3 of 6		SCALE: NTS



SOLDERMASK TOP

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SIZE	DWG. NO.	REV.
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Sheet 4 of 6		SCALE: NTS



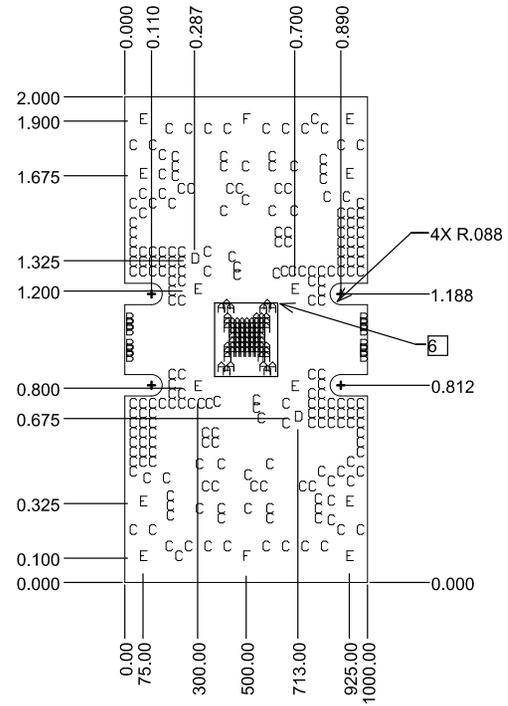
STENCIL

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SIZE	DWG. NO.	REV.
B	AD1_1127961	A
Sheet 5 of 6		SCALE: NTS

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	10.00mil	3.38	
5	METAL 2 BOT	Copper	1.40mil		

Symbol	Hit Count	Finished Hole Size	Plated	Hole Type
Â	76	10.00mil (0.254mm)	PTH	Round
B	12	15.00mil (0.381mm)	PTH	Round
C	228	20.00mil (0.508mm)	PTH	Round
D	2	64.00mil (1.626mm)	PTH	Round
E	12	100.00mil (2.540mm)	PTH	Round
F	2	120.00mil (3.048mm)	PTH	Round
	332 Total			



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SIZE	DWG. NO.	REV.
B	AD1_1127961	A
Sheet 6 of 6		SCALE: NTS