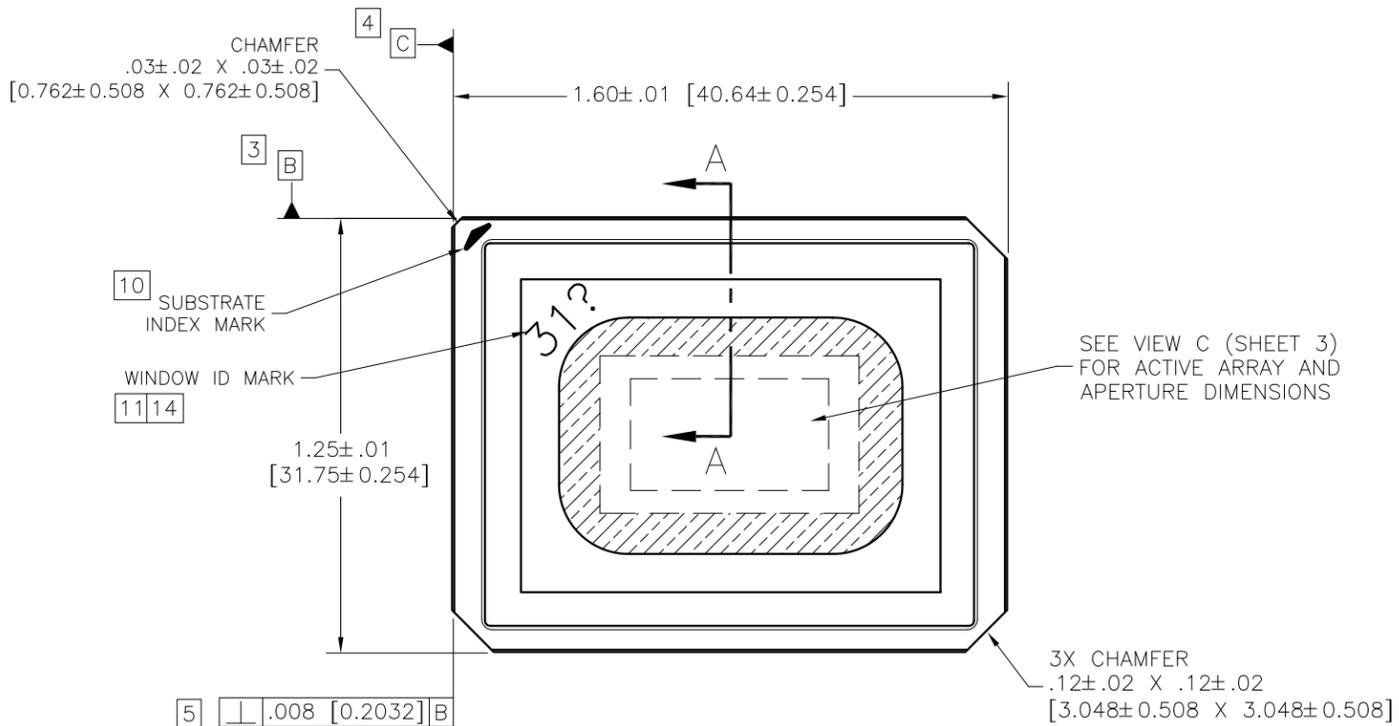
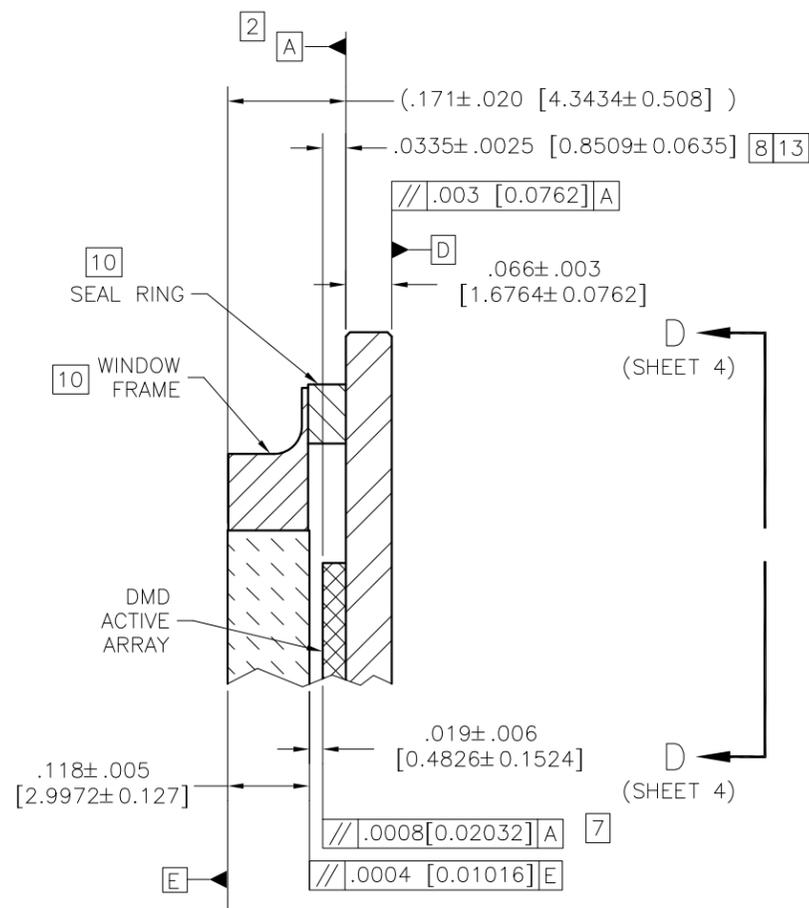


NOTES: UNLESS OTHERWISE SPECIFIED:

1. INTERPRET DIMENSIONS IN ACCORDANCE WITH ASME Y14.5M-1994.
2. DATUM A (SYSTEM INTERFACE PLANE) ESTABLISHED BY THREE DATUM AREAS SHOWN IN VIEW B (SHEET 2).
3. DATUM B ESTABLISHED BY TWO DATUM AREAS SHOWN IN VIEW B (SHEET 2).
4. DATUM C ESTABLISHED BY DATUM AREA SHOWN IN VIEW B (SHEET 2).
5. SUBSTRATE EDGE PERPENDICULARITY TOLERANCE APPLIES TO ENTIRE SURFACE
6. LOCALIZED BACKSIDE SURFACE FLATNESS APPLIES TO ENTIRE CERAMIC SURFACE.
7. DIE PARALLELISM TOLERANCE APPLIES TO DMD ACTIVE ARRAY ONLY.
8. DIE HEIGHT TOLERANCE APPLIES TO CENTER OF DMD ACTIVE ARRAY ONLY.
9. ROTATION ANGLE OF DMD ACTIVE ARRAY IS A REFINEMENT OF THE LOCATION TOLERANCE AND IS THE MAXIMUM VALUE ALLOWED.
10. SUBSTRATE INDEX MARK, SYMBOLIZATION PAD, SEAL RING, AND WINDOW FRAME TO BE ELECTRICALLY CONNECTED TO VSS PLANE IN SUBSTRATE.
11. WINDOW SHALL BE ORIENTED SUCH THAT WINDOW ID MARK ALIGNS WITH SUBSTRATE INDEX MARK AS SHOWN.
12. (DELETED)
13. DMD ACTIVE ARRAY DIMENSIONS ARE RELATED TO DATUM A (PRIMARY), DATUM B (SECONDARY), AND DATUM C (TERTIARY).
14. ? IS A WILD CARD CHARACTER AND CAN BE ANY LETTER.
15. SUBSTRATES PLATED WITH Ni/Au SHALL HAVE THE THREE-DIGIT NUMERICAL MARKING AS SHOWN ABOVE THE SYMBOLIZATION PAD. SUBSTRATES WITH Ni/Pd/Au SHALL HAVE MARKING IN THE ALTERNATE LOCATION BELOW THE SYMBOLIZATION PAD.

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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	ECO 2086120, INITIAL RELEASE	01/14/08	MAA
B	ECO 2086464, CHG INDEX MARK TOP	01/21/08	MAA
C	ECO 2087635, CHG GDT SYM PARALLEL FROM .001 TO .0008 IN SECTION A-A	03/03/08	MAA
D	ECO 2088011, CORRECTED PARALLELISM TYPO FROM [.0254] TO [.02032]	03/17/08	MAA
E	ECO 2150557, ADD NOTE 15, UPDATE VIEW D-D SHEET 4.	05/06/15	MAA
F	ECO 2179888, DELETE NOTE 12	02/27/19	BMH



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			ENGR M. AVERY 01/01/08	
			QA P. KONRAD 01/01/08	
			APVD	
			SIZE C	DRAWING NO 2509321
			SCALE 3/1	SHEET 1 OF 4

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			PARTS LIST	
			OWN M. AVERY DATE 01/	

4

3

2

1

D

D

C

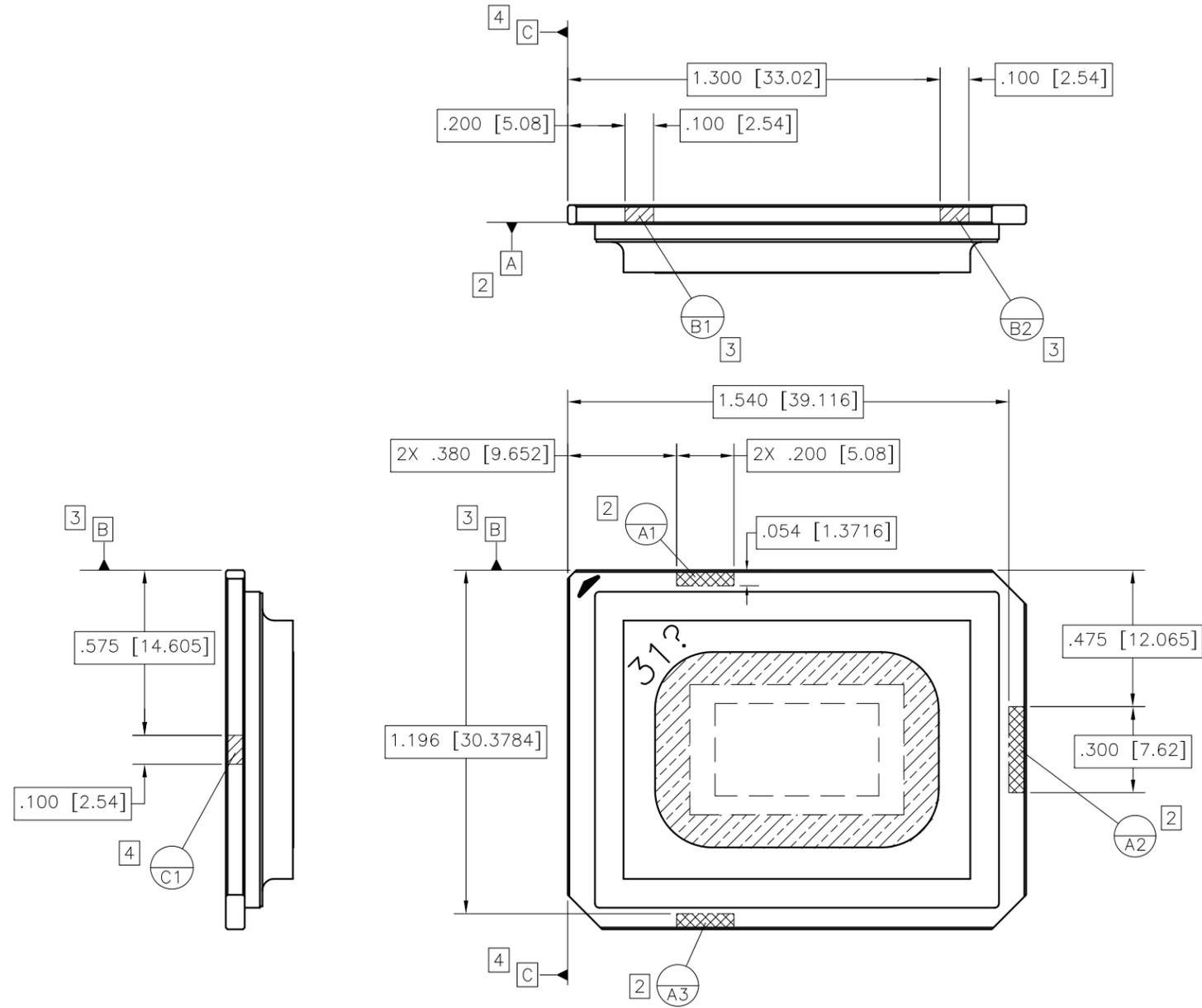
C

B

B

A

A



VIEW B (SHEET 1 NOTES)
DATUMS A, B, AND C

DWG NO 2509321 SH 2

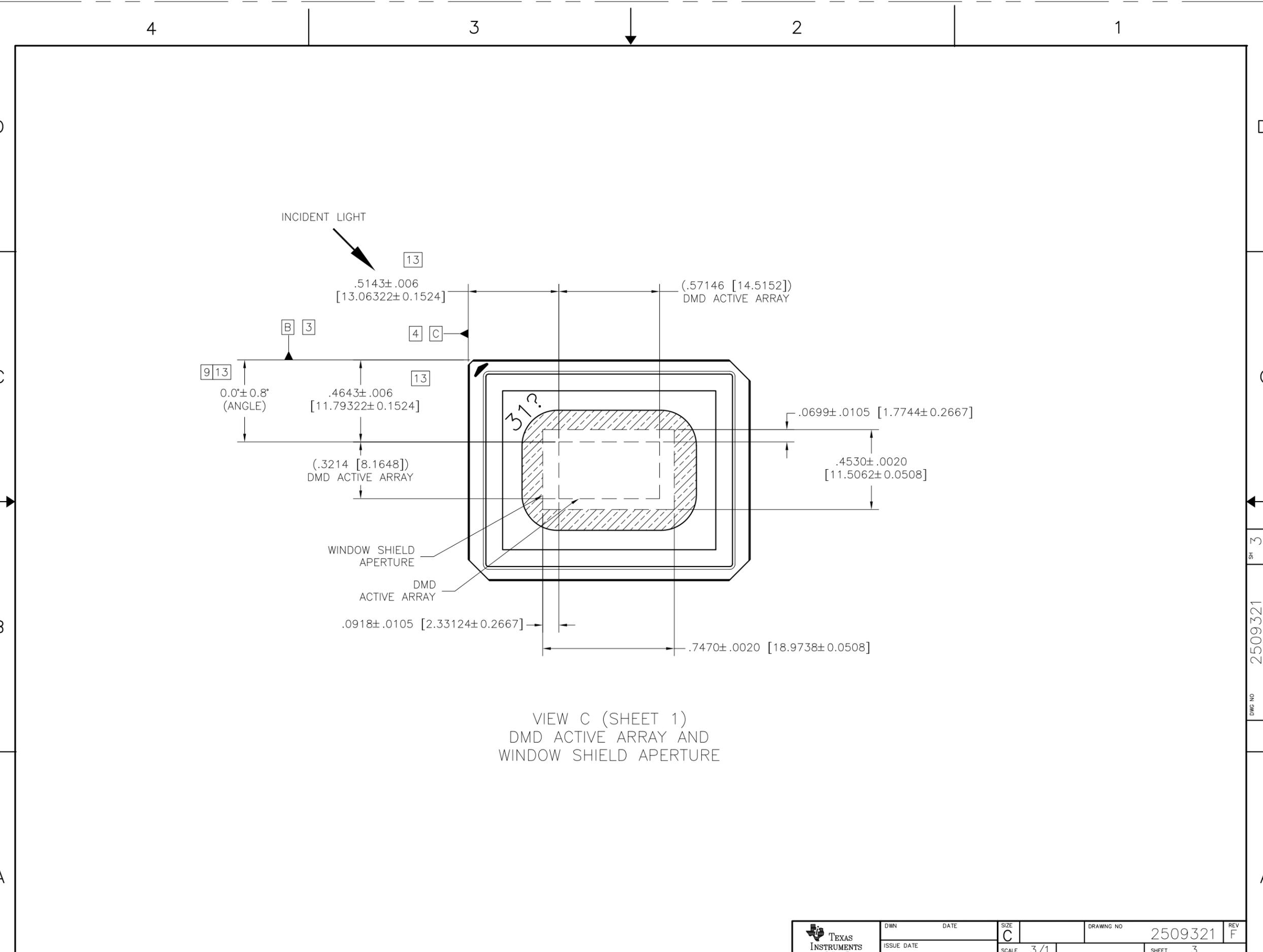
 TEXAS INSTRUMENTS Dallas, Texas	DWN	DATE	SIZE	DRAWING NO	REV
	ISSUE DATE		C	2509321	F
			SCALE	3/1	SHEET
				2	

4

3

2

1



VIEW C (SHEET 1)
DMD ACTIVE ARRAY AND
WINDOW SHIELD APERTURE

DWG NO 2509321 SH 3

 TEXAS INSTRUMENTS Dallas, Texas	DWN	DATE	SIZE	DRAWING NO	REV
	ISSUE DATE		C	2509321	F
			SCALE	3/1	SHEET 3

203X $\varnothing.054 \pm .003$ [1.3716 \pm 0.0762]

$\varnothing.020$	[0.508]	D	B	C
$\varnothing.010$	[0.254]	D		

29X .050 [1.27] = 1.450 [36.83]

.075 [1.905]

(.100 [2.54])

15

(.050 [1.27])

.075 [1.905]

.365 \pm .010 [9.271 \pm 0.254]

.52 \pm .01
[13.208 \pm 0.254]

(.050 [1.27])

(.100 [2.54])

22X .050 [1.27]
= 1.100 [27.94]

SYMBOLIZATION PAD

10

\square .0004 [0.01016] / .05X.05 [1.27X1.27]

6

.72 \pm .01 [18.288 \pm 0.254]

.44 \pm .01 [11.176 \pm 0.254]

VIEW D-D (SHEET 1)
SCALE 6/1

TEXAS INSTRUMENTS Dallas, Texas	DWN	DATE	SIZE	DRAWING NO	REV
	ISSUE DATE		C	2509321	F
			SCALE 3/1	SHEET 4	

ACEC2c

DWG NO 2509321 SH 4

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