

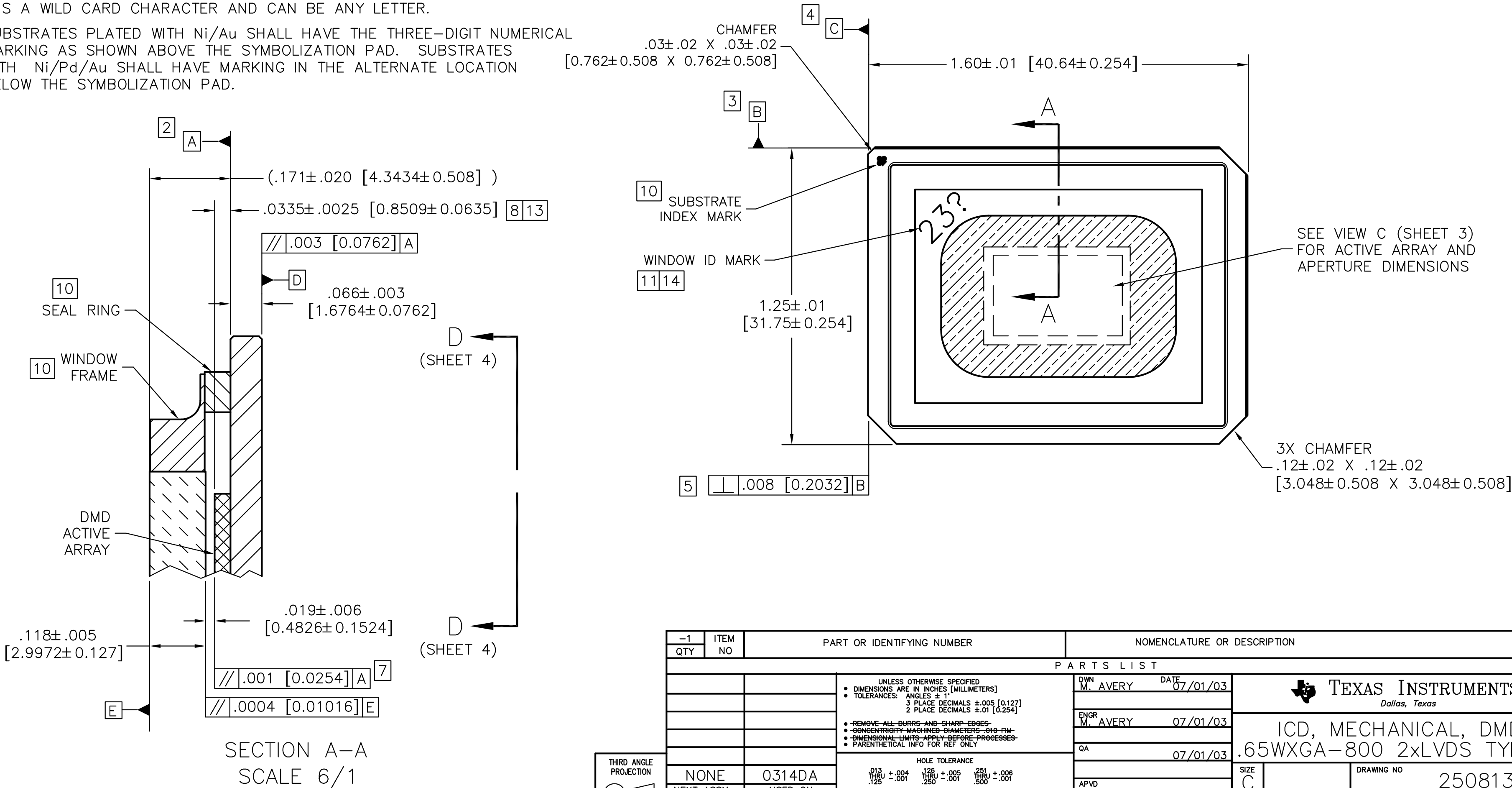
NOTES: UNLESS OTHERWISE SPECIFIED:

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. THE OUTER DIMENSIONS OF THE SYMBOLIZATION PAD REPRESENT THE APPROXIMATE SIZE AND LOCATION OF THE RECOMMENDED THERMAL INTERFACE AREA.
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.

© COPYRIGHT 2007 TEXAS INSTRUMENTS UN-
PUBLISHED, ALL RIGHTS RESERVED.

REVISIONS

REV	DESCRIPTION	DATE	APPROVED
A	ECO 2076188, INITIAL RELEASE	07/01/03	MAA
B	ECO 2099748, CHG DIE POS TOL FROM .006[0.1524] TO .003[0.0762] SHEET 3	06/12/09	MAA
C	ECO 2150557, ADD NOTE 15, UPDATE VIEW D-D SHEET 4.	5/12/15	MAA



-1 QTY	ITEM NO	PART OR IDENTIFYING NUMBER	NOMENCLATURE OR DESCRIPTION	NOTES
PARTS LIST				
			DWN M. AVERY	DATE 07/01/03
			ENGR M. AVERY	07/01/03
			QA	07/01/03
			APVD	
NONE		0314DA	HOLE TOLERANCE 013 ±.004 THRU .125 125 ±.005 THRU .250 251 ±.006 THRU .500 501 ±.008 THRU .750 751 ±.010 THRU 1.000 1.001 ±.012 THRU 2.000	
NEXT ASSY		USED ON		
APPLICATION				
			SIZE C	DRAWING NO 2508132
			SCALE 3/1	REV C
			SHEET 1 OF 4	

TEXAS INSTRUMENTS
Dallas, Texas

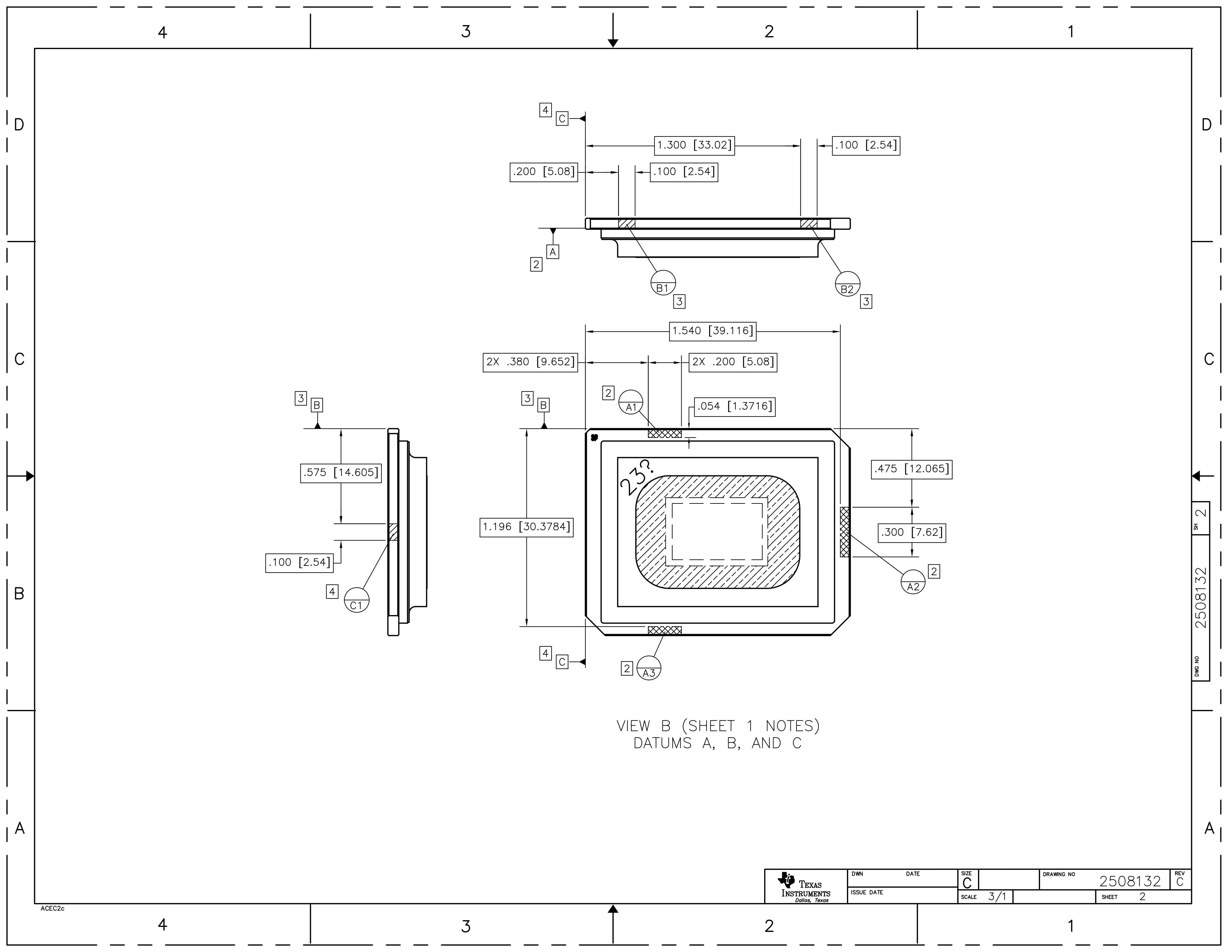
ICD, MECHANICAL, DMD
.65WXGA-800 2xLVDS TYPE A

SH 1


2508132

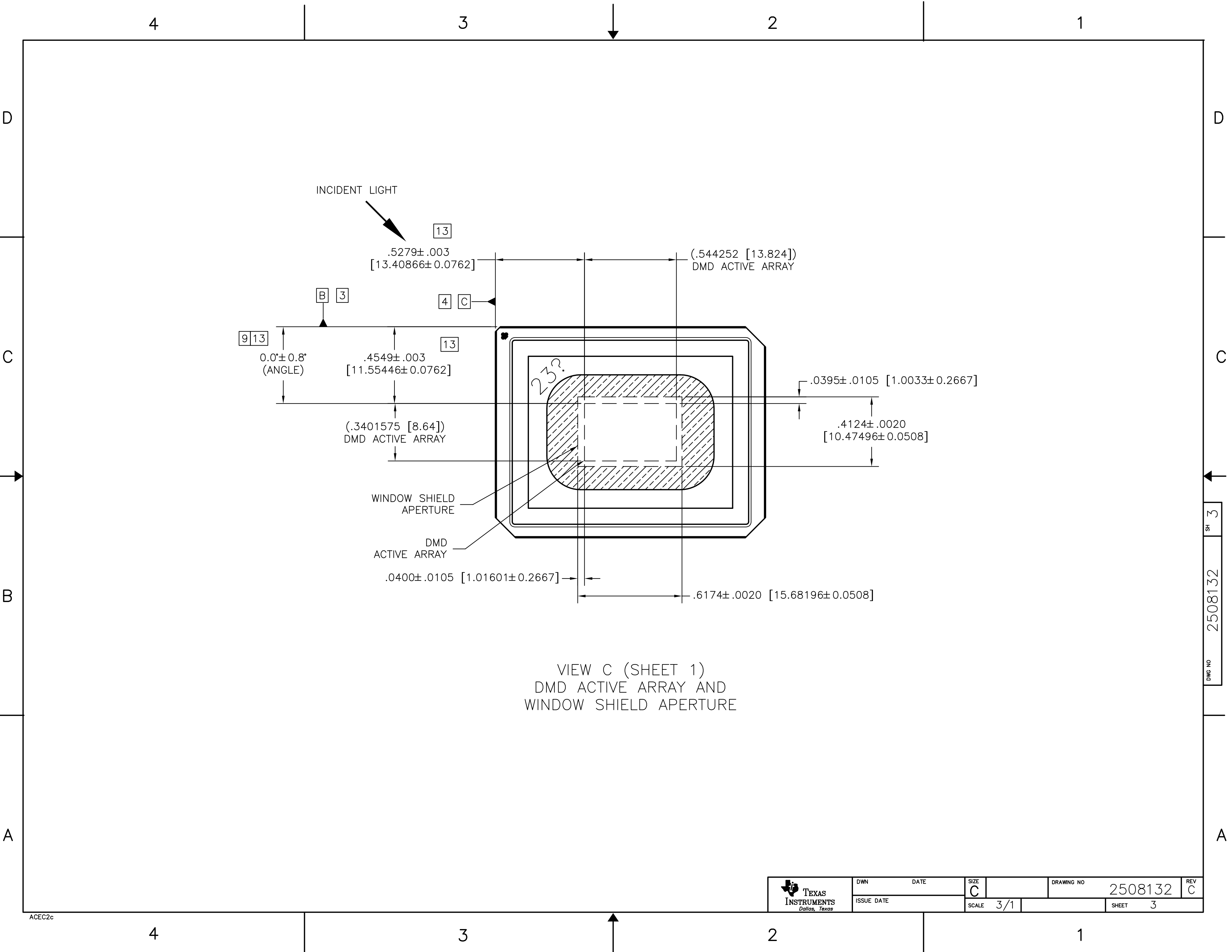
DWG NO

A



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

 TEXAS INSTRUMENTS Dallas, Texas	DWN	DATE	SIZE C	DRAWING NO 2508132	REV C
	ISSUE DATE		SCALE 3/1	SHEET 2	



INCIDENT LIGHT

13

.5279±.003
[13.40866±0.0762]

(.544252 [13.824])
DMD ACTIVE ARRAY

B

3

4

C

9 13

0.0°±0.8°
(ANGLE)

13

.4549±.003
[11.55446±0.0762]

(.3401575 [8.64])
DMD ACTIVE ARRAY

WINDOW SHIELD
APERTURE

DMD
ACTIVE ARRAY

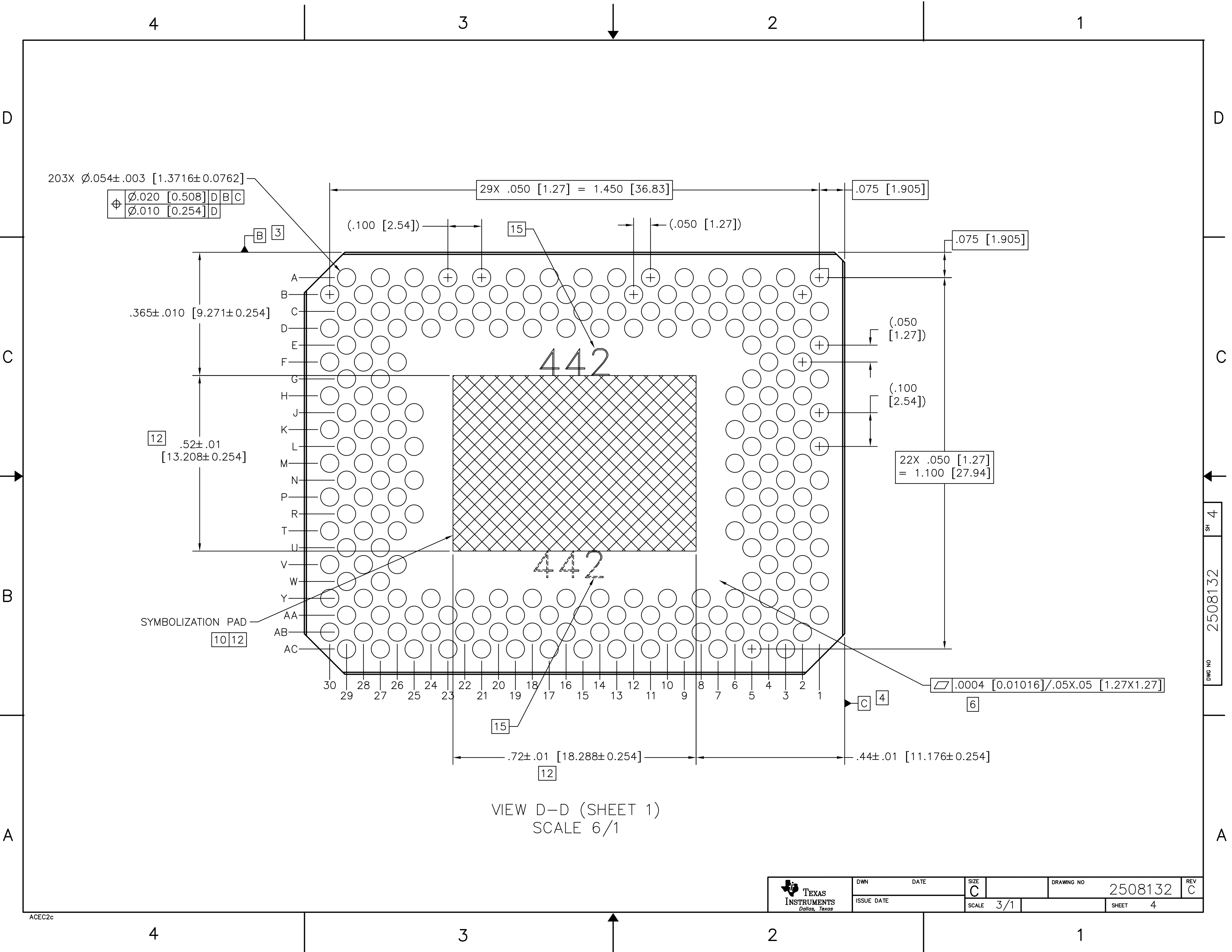
.0400±.0105 [1.01601±0.2667]

.6174±.0020 [15.68196±0.0508]

.0395±.0105 [1.0033±0.2667]

.4124±.0020
[10.47496±0.0508]

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



203X $\varnothing 0.054 \pm .003$ [1.3716 \pm 0.0762]

\varnothing	$\varnothing 0.020$	[0.508]	D	B	C
\varnothing	$\varnothing 0.010$	[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]

(.050 [1.27])

(.100 [2.54])

12 .52 \pm .01
[13.208 \pm 0.254]

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

SYMBOLIZATION PAD

10 12

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

6

15

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

12

C 4

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

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