

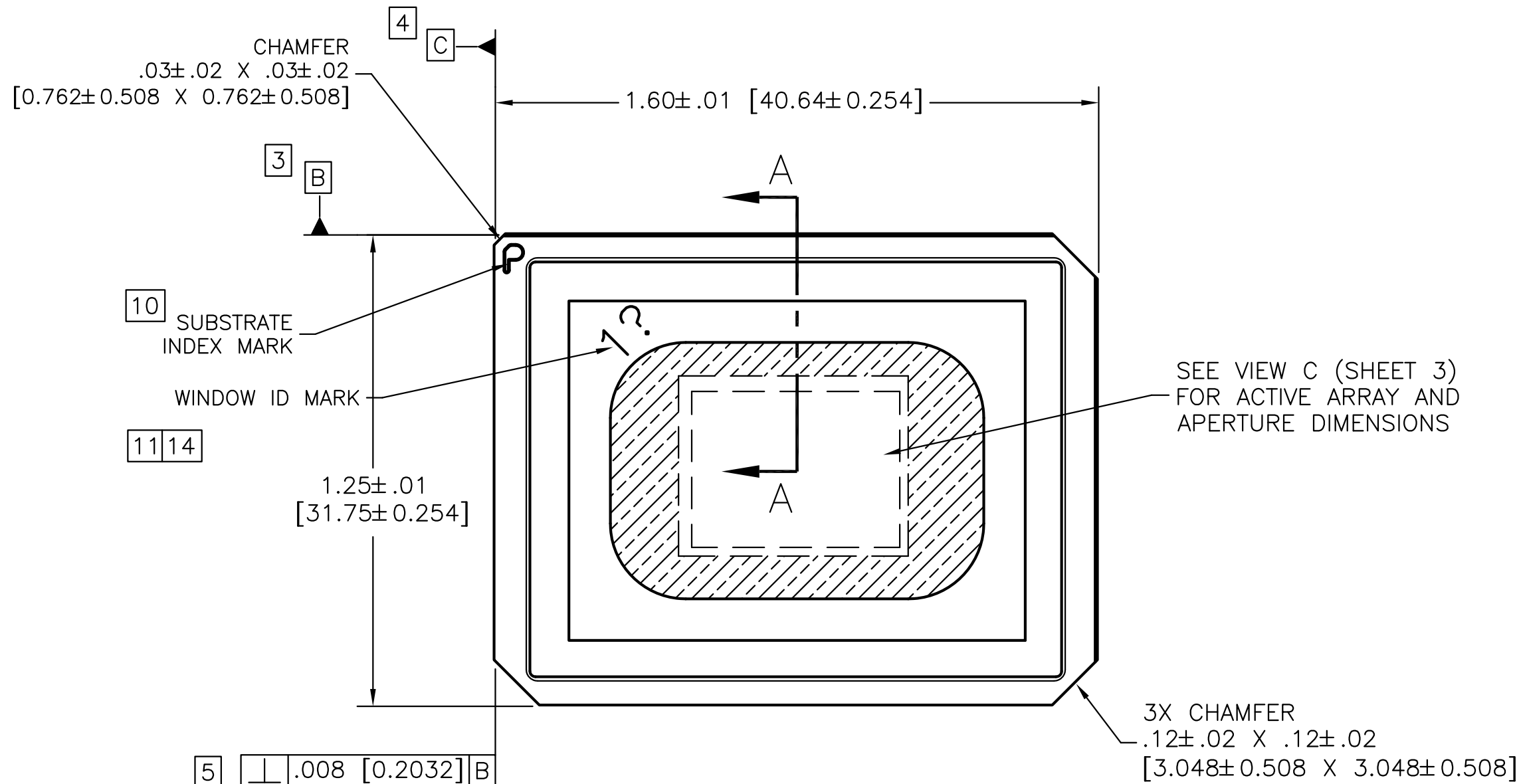
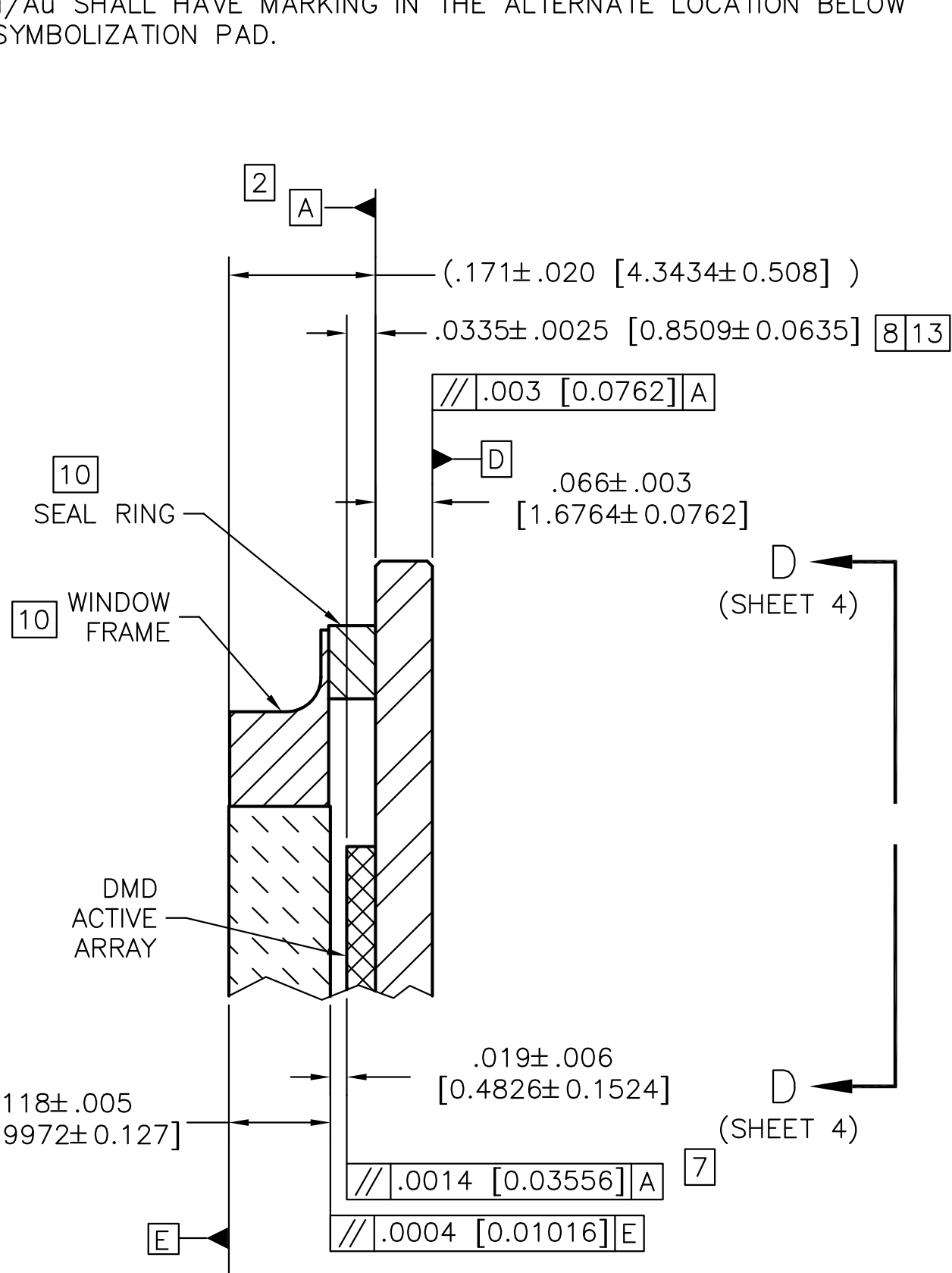
NOTES: UNLESS OTHERWISE SPECIFIED:

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.

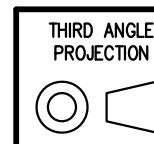
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REVISIONS

REV	DESCRIPTION	DATE	APPROVED
A	ECO 2071155, INITIAL RELEASE	07/24/06	MRW
B	ECO 2077187, CHG DESG FROM 29	02/19/07	MRW
C	ECO 2150557, ADD NOTE 15, UPDATE VIEW D-D SHEET 4.	05/12/15	MAA
D	ECO 2179942, DELETE NOTE 12	03/01/19	BMH

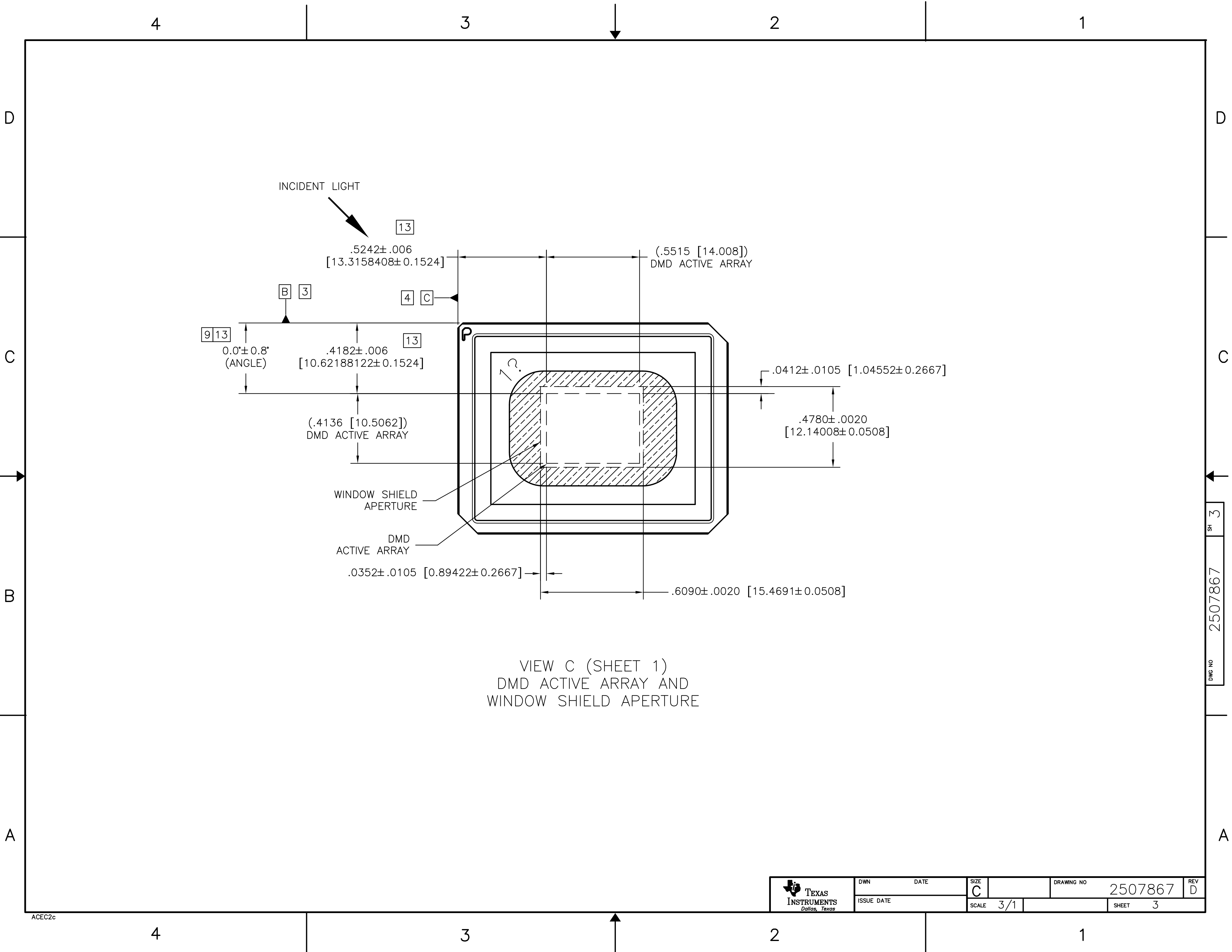


-1 QTY	ITEM NO	PART OR IDENTIFYING NUMBER	NOMENCLATURE OR DESCRIPTION	NOTES
PARTS LIST				
			DWN M. WILLIAMS DATE 07/12/06	
			ENGR A. ARAYATA 07/12/06	
			QA	
			APVD	
			SCALE 3/1	
			SHEET 1 OF 4	
			TEXAS INSTRUMENTS Dallas, Texas	
			ICD, MECHANICAL, DMD .7XGA 2xLVDS TYPE A (FLP)	
			DRAWING NO 2507867	REV D



NONE	0314DA
NEXT ASSY	USED ON
APPLICATION	

HOLE TOLERANCE		
.013 ± .004 THRU ± .001 .125	.126 ± .005 THRU ± .001 .250	.251 ± .006 THRU ± .001 .500
.501 ± .008 THRU ± .001 .750	.751 ± .010 THRU ± .001 1.000	1.001 ± .012 THRU ± .001 2.000



INCIDENT LIGHT

13

.5242±.006
[13.3158408±0.1524]

(.5515 [14.008])
DMD ACTIVE ARRAY

B

3

4

C

9 13

0.0°±0.8°
(ANGLE)

.4182±.006
[10.62188122±0.1524]

13

(.4136 [10.5062])
DMD ACTIVE ARRAY

WINDOW SHIELD
APERTURE

DMD
ACTIVE ARRAY

.0352±.0105 [0.89422±0.2667]

.0412±.0105 [1.04552±0.2667]

.4780±.0020
[12.14008±0.0508]

.6090±.0020 [15.4691±0.0508]

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

D

D

C

C

B

B

A

A

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

\varnothing	$\varnothing 0.020$	[0.508]	D	B	C
	$\varnothing 0.010$	[0.254]	D		

[B] [3]

(.100 [2.54])

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

.075 [1.905]

.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]

A
B
C
D
E
F
G
H
J
K
L
M
N
P
R
T
U
V
W
Y
AA
AB
AC

30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

074

074

[15]

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

[C] [4]

[6]

[6] .0004 [0.01016] / .05X.05 [1.27X1.27]

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

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