

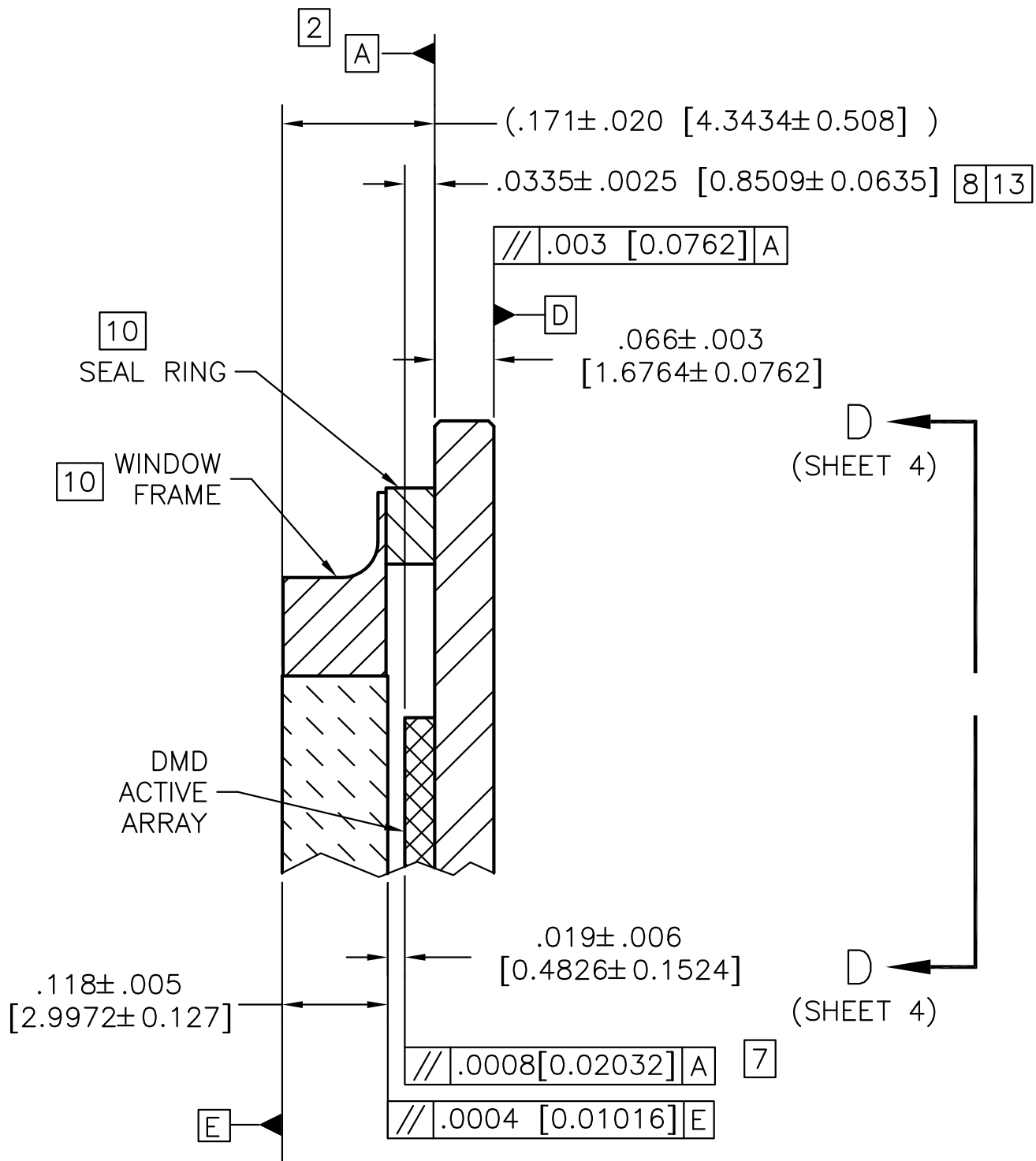
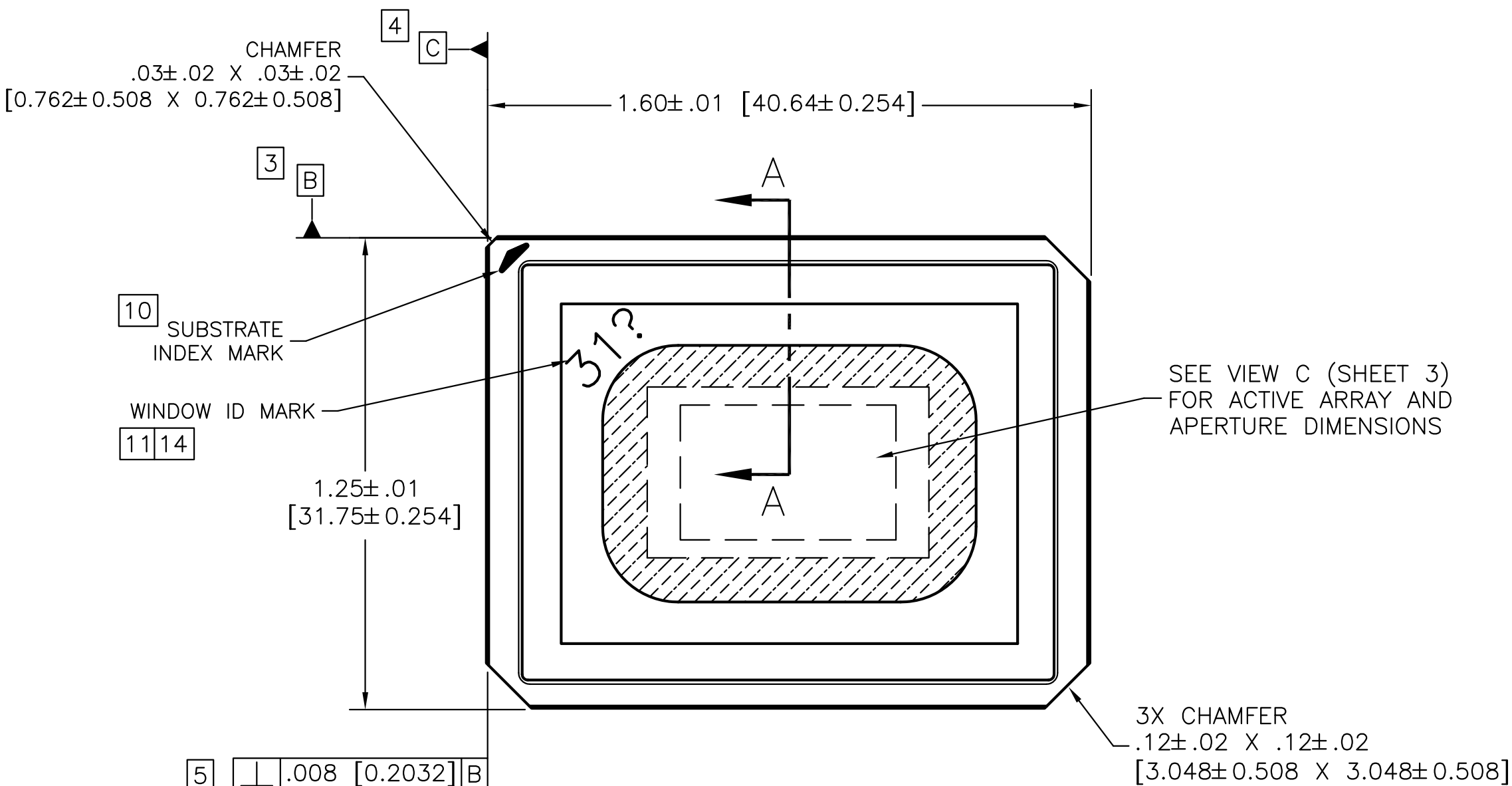
NOTES: UNLESS OTHERWISE SPECIFIED:

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 2008 TEXAS INSTRUMENTS UN-  
PUBLISHED, ALL RIGHTS RESERVED.

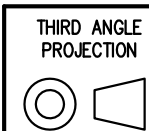
REVISIONS

REV	DESCRIPTION	DATE	APPROVED
A	ECO 2088093, INITIAL RELEASE	03/17/08	MAA
B	ECO 2150557, ADD NOTE 15, UPDATE VIEW D-D SHEET 4.	05/12/15	MAA



SECTION A-A  
SCALE 6/1

QTY	ITEM NO	PART OR IDENTIFYING NUMBER	NOMENCLATURE OR DESCRIPTION	NOTES
PARTS LIST				
			DWN M. AVERY DATE 03/17/08	
			ENGR M. AVERY 03/17/08	
			QA P. KONRAD 03/17/08	
			APVD A. PODRAZA 03/17/08	
			SIZE C	
			SCALE 3/1	
			DRAWING NO 2509520	
			SHEET 1 OF 4	
			REV B	

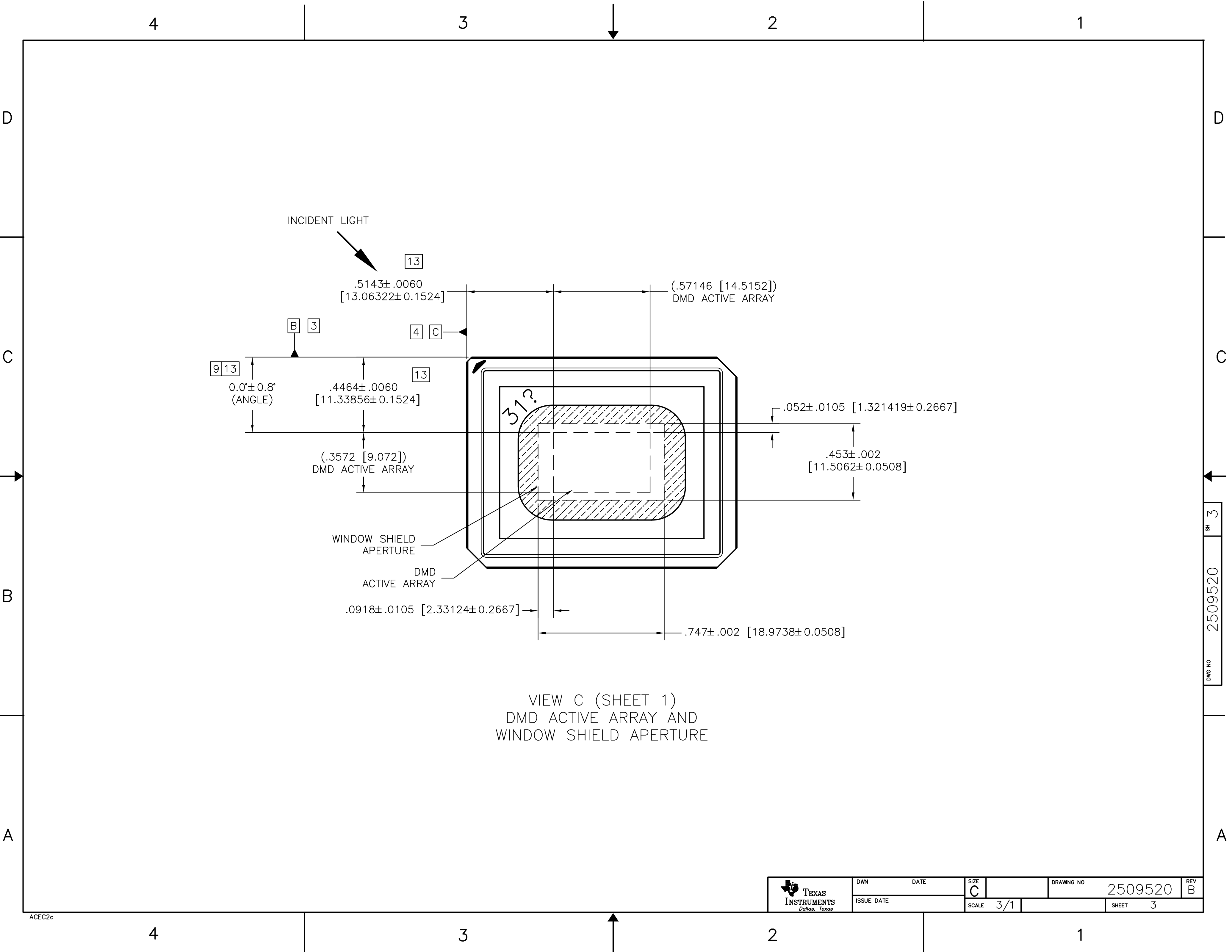


NONE	0314DA
NEXT ASSY	USED ON
APPLICATION	


- UNLESS OTHERWISE SPECIFIED
- DIMENSIONS ARE IN INCHES [MILLIMETERS]
- TOLERANCES: ANGLES ± 1°
- 3 PLACE DECIMALS ± .005 [0.127]
- 2 PLACE DECIMALS ± .01 [0.254]
- REMOVE ALL BURRS AND SHARP EDGES
- CONCENTRICITY-MACHINED DIAMETERS - Ø10-FIN
- DIMENSIONAL LIMITS APPLY BEFORE PROGRESSES
- PARENTHEetical INFO FOR REF ONLY

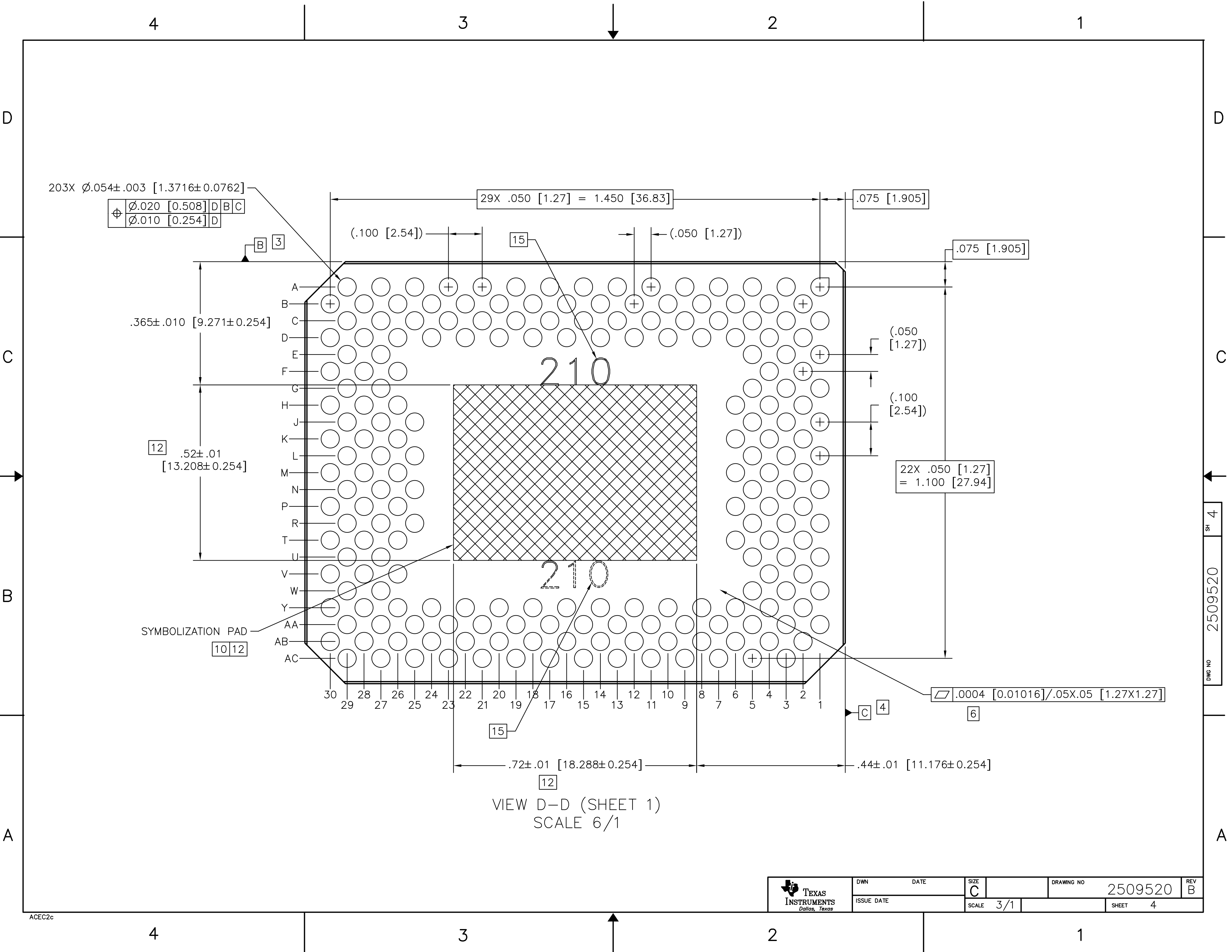
HOLE TOLERANCE	HOLE TOLERANCE	HOLE TOLERANCE
.013 ± .004 THRU .125	.125 ± .005 THRU .250	.251 ± .006 THRU .500
.501 ± .008 THRU .750	.751 ± .010 THRU 1.000	1.001 ± .012 THRU 2.000





ACEC2c

 TEXAS INSTRUMENTS Dallas, Texas	DWN	DATE	SIZE C	DRAWING NO 2509520	REV B
	ISSUE DATE		SCALE 3/1		SHEET 3



203X Ø.054±.003 [1.3716±0.0762]

⊕	Ø.020	[0.508]	D	B	C
	Ø.010	[0.254]	D		

[B] [3]

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

.075 [1.905]

(.100 [2.54])

[15]

(.050 [1.27])

.075 [1.905]

.365±.010 [9.271±0.254]

(.050 [1.27])

(.100 [2.54])

[12] .52±.01 [13.208±0.254]

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

SYMBOLIZATION PAD

[10] [12]

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

[C] [4]

.72±.01 [18.288±0.254]

.44±.01 [11.176±0.254]

[12]

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