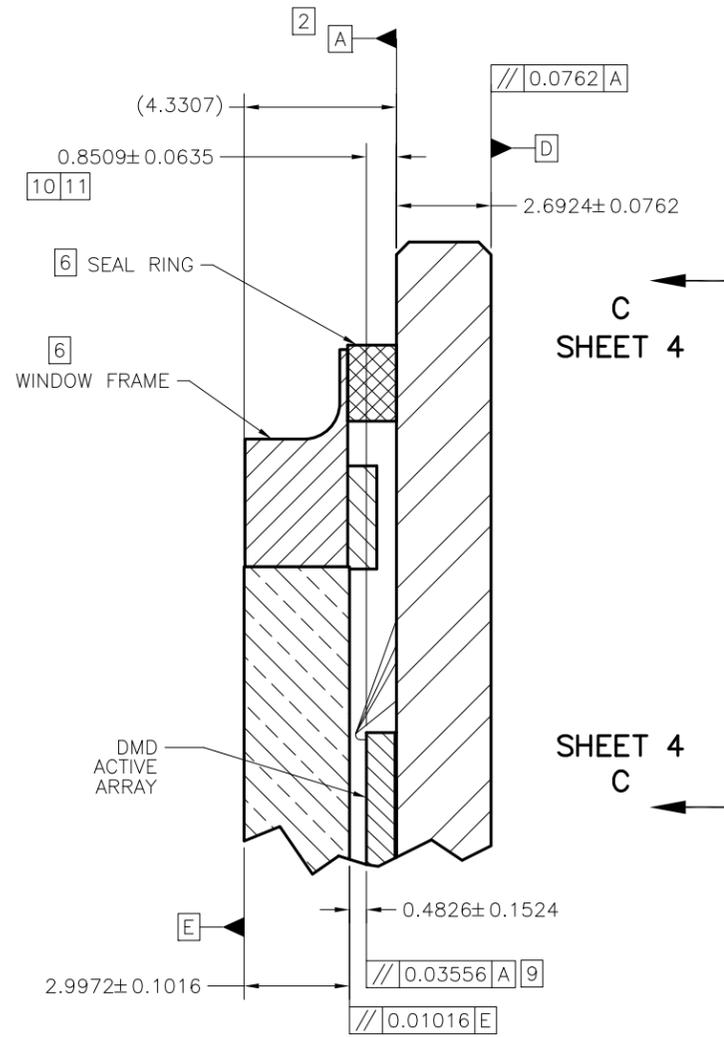


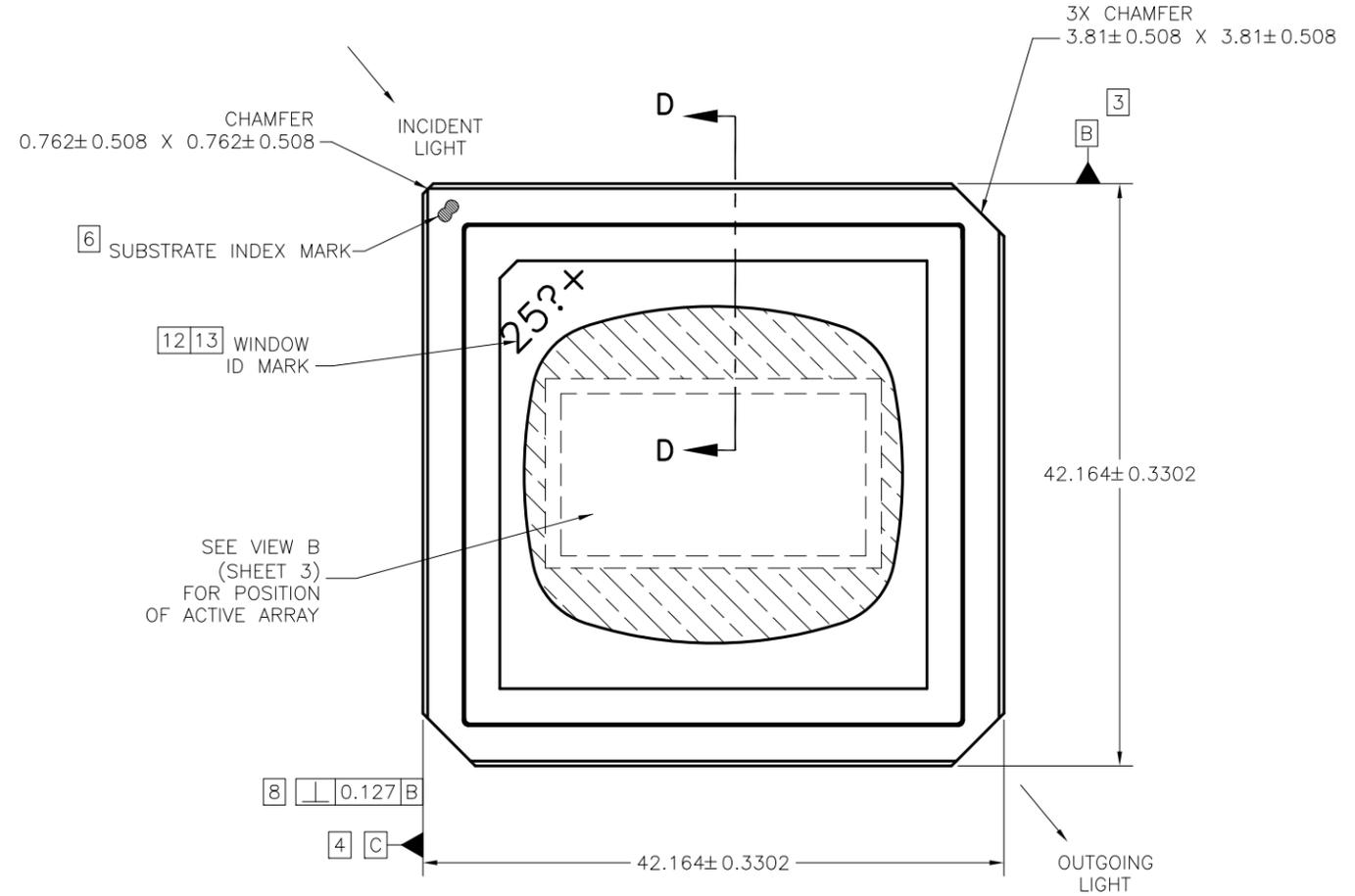
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	ECO 2203067, INITIAL RELEASE	02/10/2023	J. RANGEL

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



SECTION D-D  
SCALE 10/1



-1	ITEM	PART OR IDENTIFYING NUMBER	NOMENCLATURE OR DESCRIPTION	NOTES
QTY <td>NO <td></td> <td></td> <td></td> </td>	NO <td></td> <td></td> <td></td>			
PARTS LIST				
	DWN	J. RANGEL	DATE 02/03/2023	
	ENGR	J. RANGEL	DATE 02/03/2023	
	QA	K. DICKERSON	DATE 02/03/2023	
	APVD	J. MCKINLEY	DATE 02/08/2023	
		M. GARCIA	DATE 02/10/2023	

UNLESS OTHERWISE SPECIFIED		DIMENSIONS ARE IN MILLIMETERS	
TOLERANCES: ANGLES ± 1°		3 PLACE DECIMALS ± 0.127	
		2 PLACE DECIMALS ± 0.254	
REMOVE ALL BURRS AND SHARP EDGES		CONCENTRICITY MACHINED DIAMETERS 0.254 FIM	
DIMENSIONAL LIMITS APPLY BEFORE PROCESSES		PARENTHEetical INFO FOR REF ONLY	
HOLE TOLERANCE		HOLE TOLERANCE	
0.33	+0.1016	3.200	+0.127
THRU	-0.0254	THRU	-0.0254
3.175		6.35	-0.254
		12.7	
12.725	+0.2032	19.075	+0.254
THRU	-0.0254	THRU	-0.0254
19.05		25.4	-0.0254
		50.8	

2518451	0314DA	SIZE D	DRAWING NO 2518769	REV A
NEXT ASSY	USED ON	SCALE 4/1	SHEET 1 OF 4	
APPLICATION				

8

7

6

5

4

3

DWG NO 2518769 SH 2

1

D

D

C

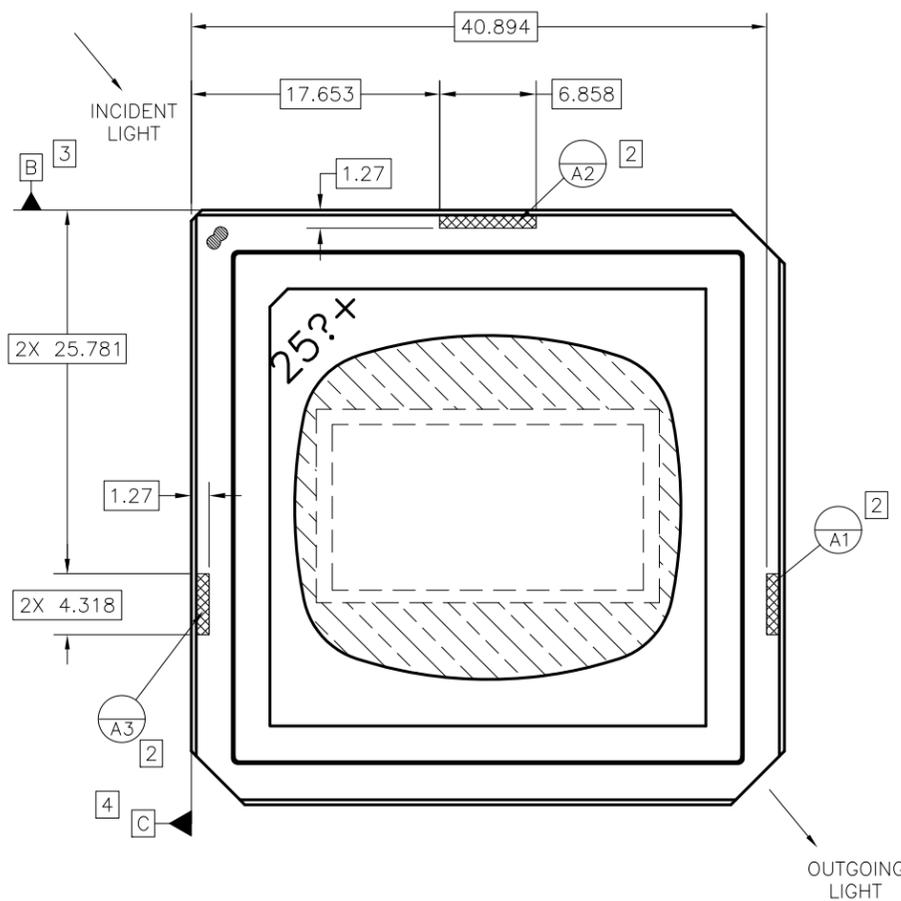
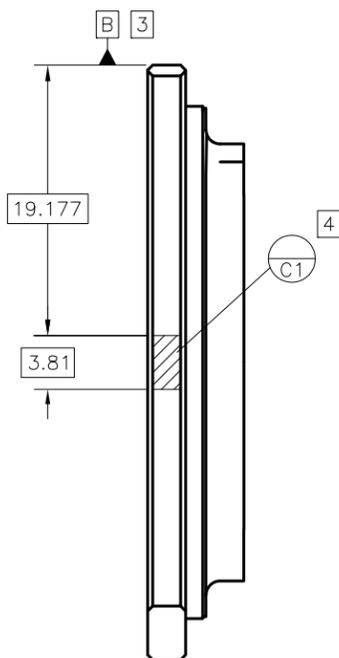
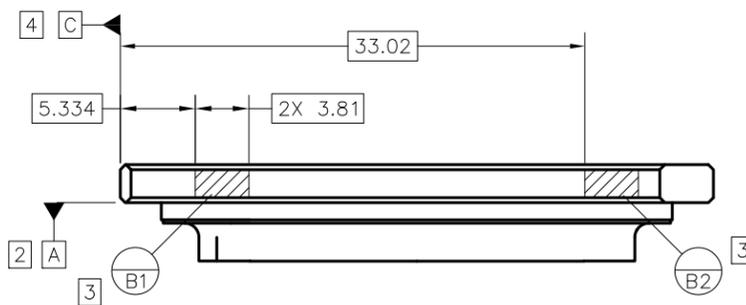
C

B

B

A

A



VIEW A (SHEET 1 NOTES)  
DATUM A, B AND C DETAILS

8

7

6

5

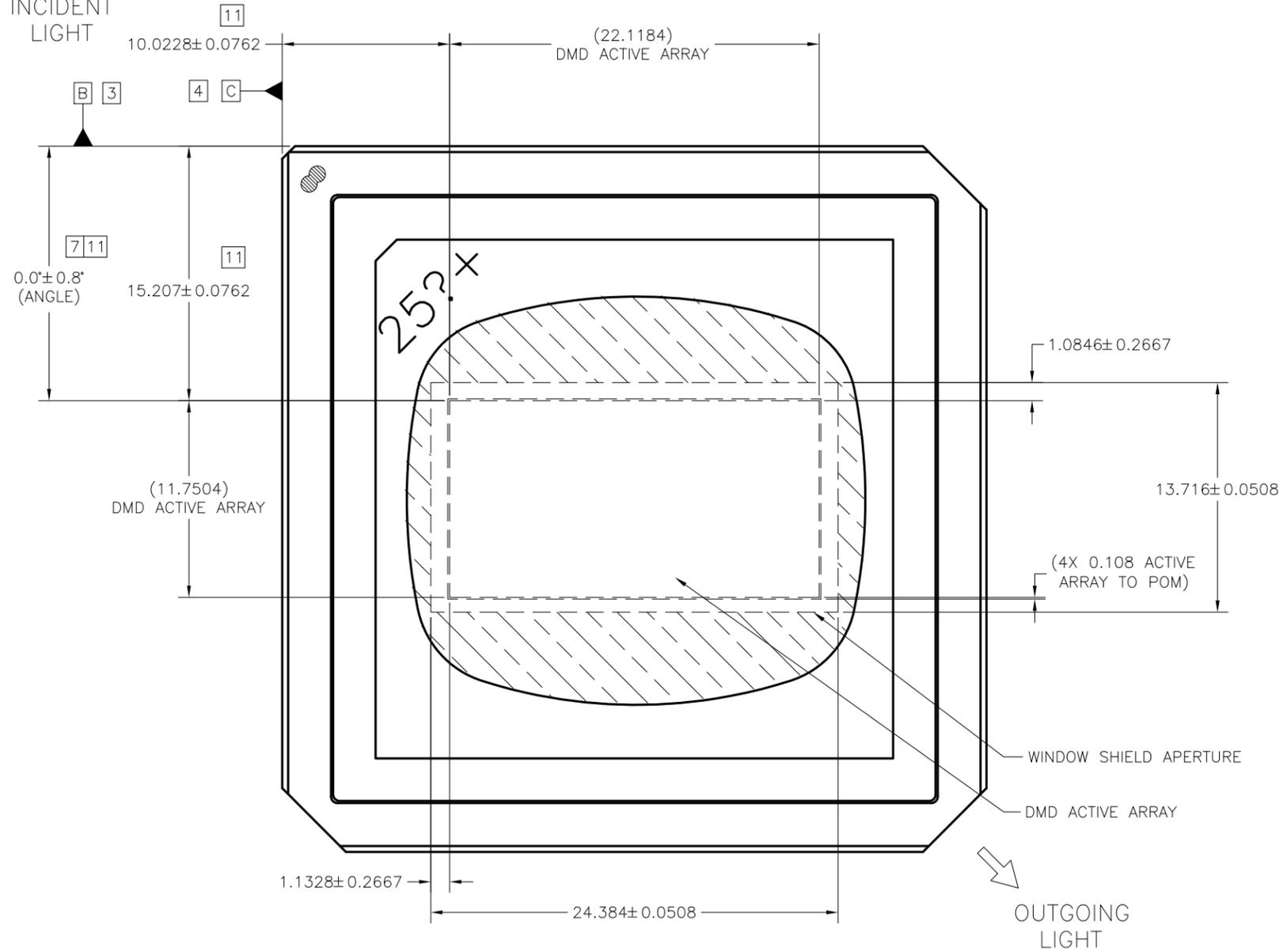
4

3

2

1

INCIDENT LIGHT



VIEW B (SHEET 1)  
POSITION OF ACTIVE ARRAY  
SCALE 6/1

D

D

C

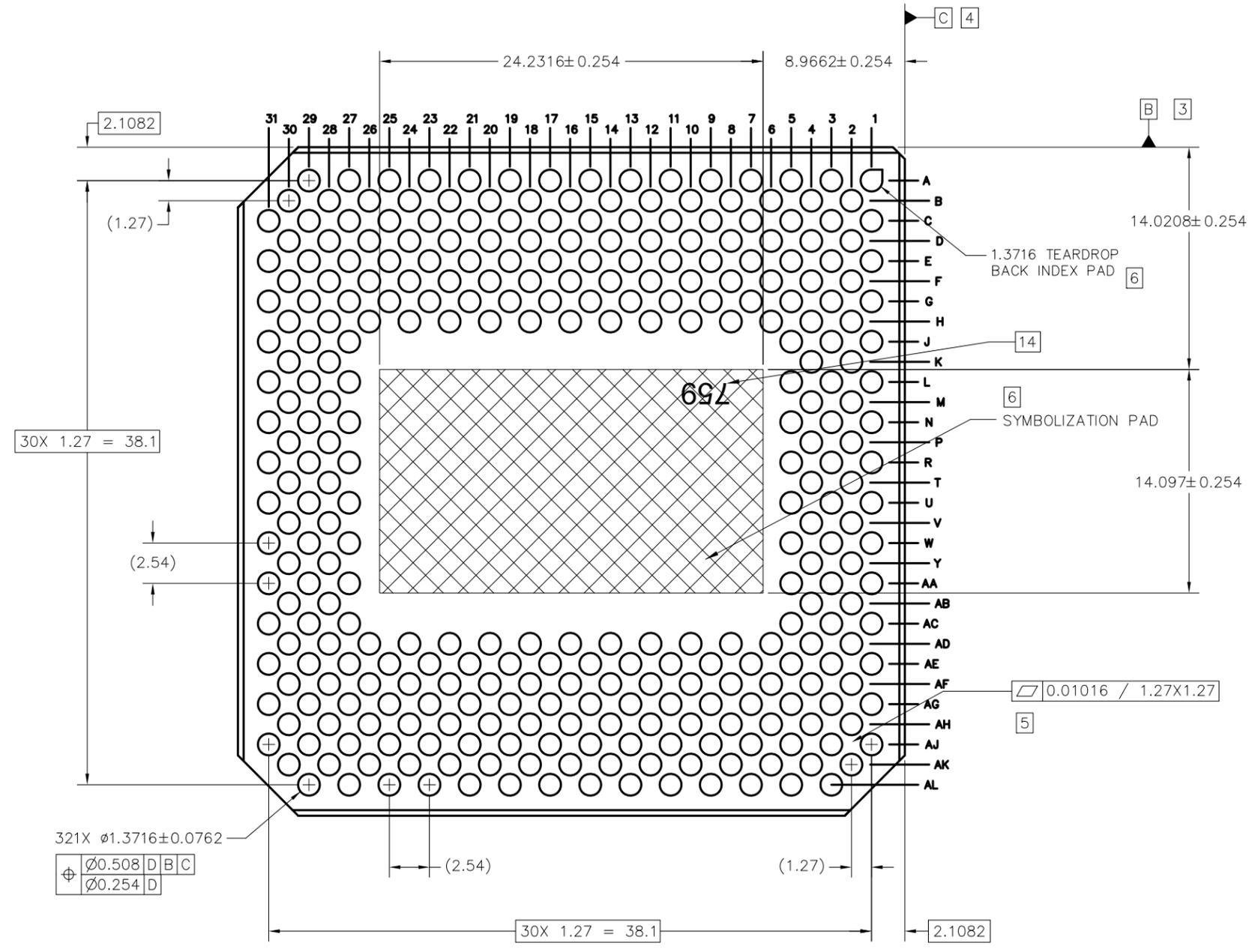
C

B

B

A

A



VIEW C-C (SHEET 1)  
 BACK PADS  
 SCALE 6/1

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