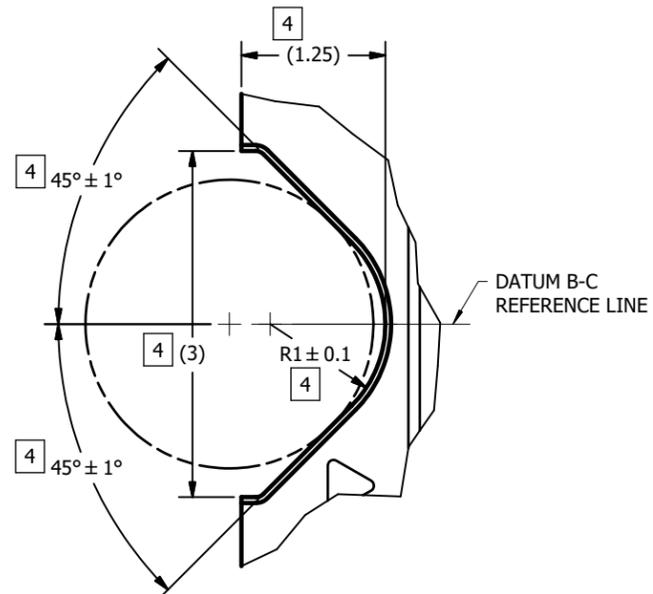


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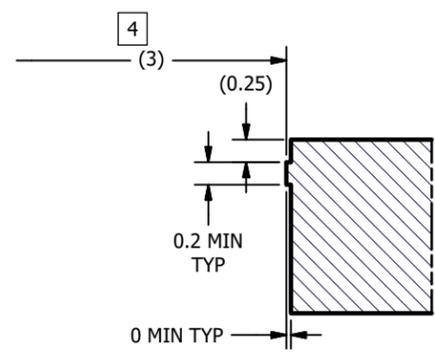
REV		DESCRIPTION	DATE	BY
A	ECO 2204226:	INITIAL RELEASE	5/1/2023	BMH

NOTES UNLESS OTHERWISE SPECIFIED:

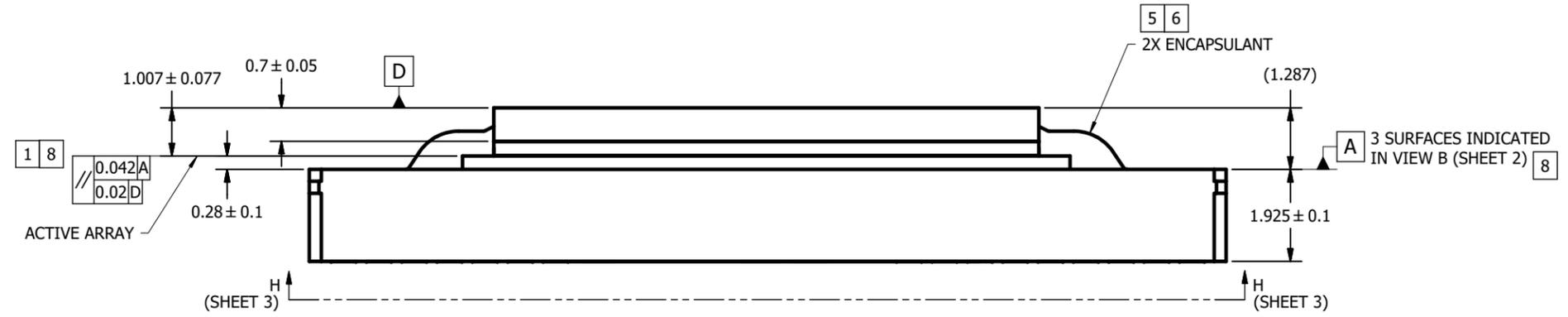
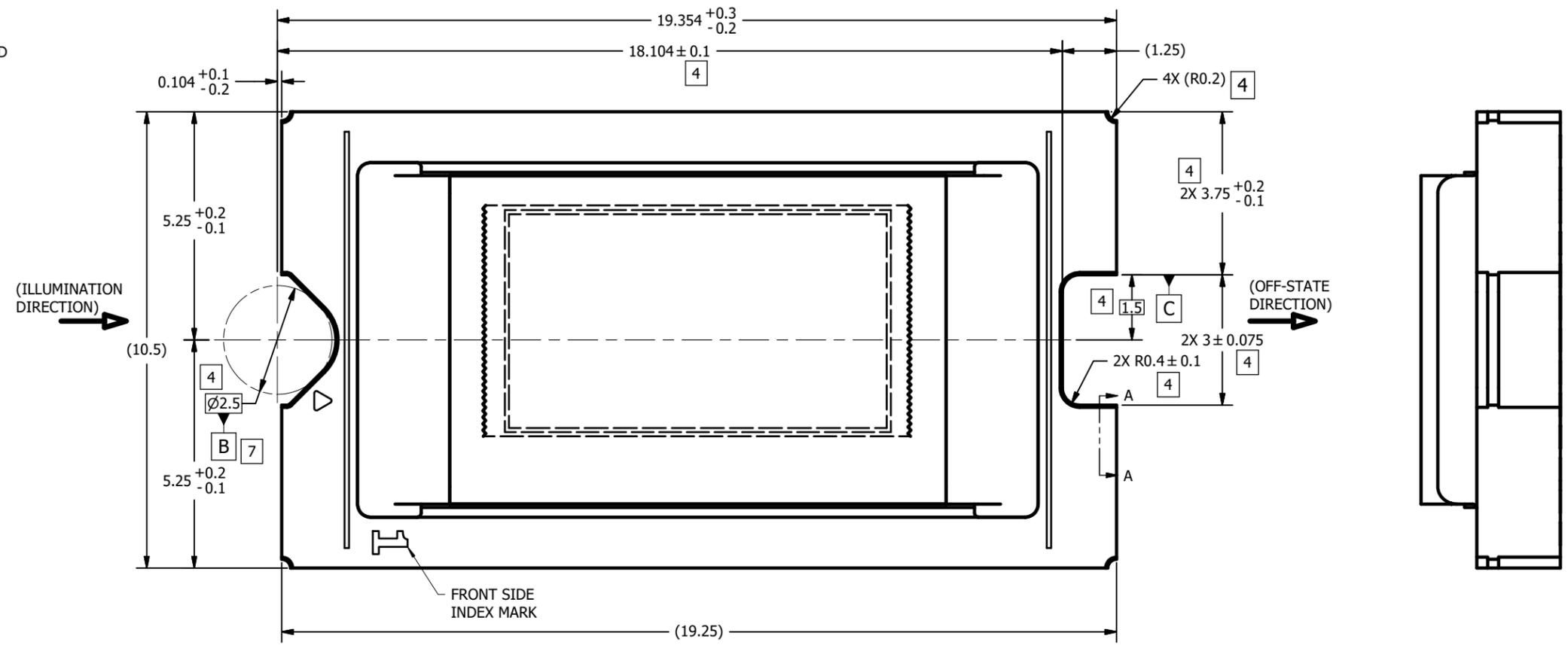
- 1 DIE PARALLELISM TOLERANCE APPLIES TO DMD ACTIVE ARRAY ONLY.
- 2 ROTATION ANGLE OF DMD ACTIVE ARRAY IS A REFINEMENT OF THE LOCATION TOLERANCE AND HAS A MAXIMUM ALLOWED VALUE OF 0.6 DEGREES.
- 3 BOUNDARY MIRRORS SURROUNDING THE DMD ACTIVE ARRAY.
- 4 NOTCH DIMENSIONS ARE DEFINED BY SECOND LAYER OF CERAMIC, AS SHOWN IN SECTION A-A.
- 5 ENCAPSULANT TO BE CONTAINED WITHIN DIMENSIONS SHOWN IN VIEW D (SHEET 3). NO ENCAPSULANT IS ALLOWED ON TOP OF THE WINDOW.
- 6 ENCAPSULANT NOT TO EXCEED THE HEIGHT OF THE WINDOW.
- 7 SEE DETAIL B FOR "V-NOTCH" DIMENSIONS.
- 8 WHILE ONLY THE THREE DATUM A TARGET AREAS A1, A2, AND A3 ARE USED FOR MEASUREMENT, ALL 4 CORNERS SHOULD BE CONTACTED, INCLUDING E1, TO SUPPORT MECHANICAL LOADS.
- 9 SHORTING TEST PADS AND SYMBOLIZATION PAD TO EACH OTHER AND/OR TO VSS IS ACCEPTABLE.



**DETAIL B
V-NOTCH**
SCALE 32 : 1



**SECTION A-A
NOTCH OFFSETS**
SCALE 25 : 1
(ROTATED 90°)



APPROVED	HERMOSILLO	5/1/2023
ENGINEER	B. HASKETT	5/1/2023
QA/CE	P. KONRAD	5/2/2023
CM	J. MCKINLEY	5/1/2023
DRAWN	B. HASKETT	5/1/2023
DATE	5/1/2023	

UNLESS OTHERWISE SPECIFIED
 ● DIMENSIONS ARE IN MILLIMETERS
 ● TOLERANCES:
 ANGLES ± 1'
 2 PLACE DECIMALS ± 0.25
 1 PLACE DECIMALS ± 0.50
 ● DIMENSIONAL LIMITS APPLY BEFORE PROCEEDING
 ● INTERPRET DIMENSIONS IN ACCORDANCE WITH ASME Y14.5M-1994
 ● REMOVE ALL BURRS AND SHARP EDGES
 ● PARENTHETICAL INFORMATION FOR REFERENCE ONLY

APPROVED	HERMOSILLO	5/1/2023
ENGINEER	B. HASKETT	5/1/2023
QA/CE	P. KONRAD	5/2/2023
CM	J. MCKINLEY	5/1/2023
DRAWN	B. HASKETT	5/1/2023
DATE	5/1/2023	

TITLE ICD, MECHANICAL, DMD, .39 4K SERIES 322 (FQZ PACKAGE)	
SIZE	D
DWG NO	2518600
REV	A
SCALE	16:1
SHEET 1 OF 5	

8

7

6

5

4

3

DWG NO. 2518600

SH 2

1

D

D

C

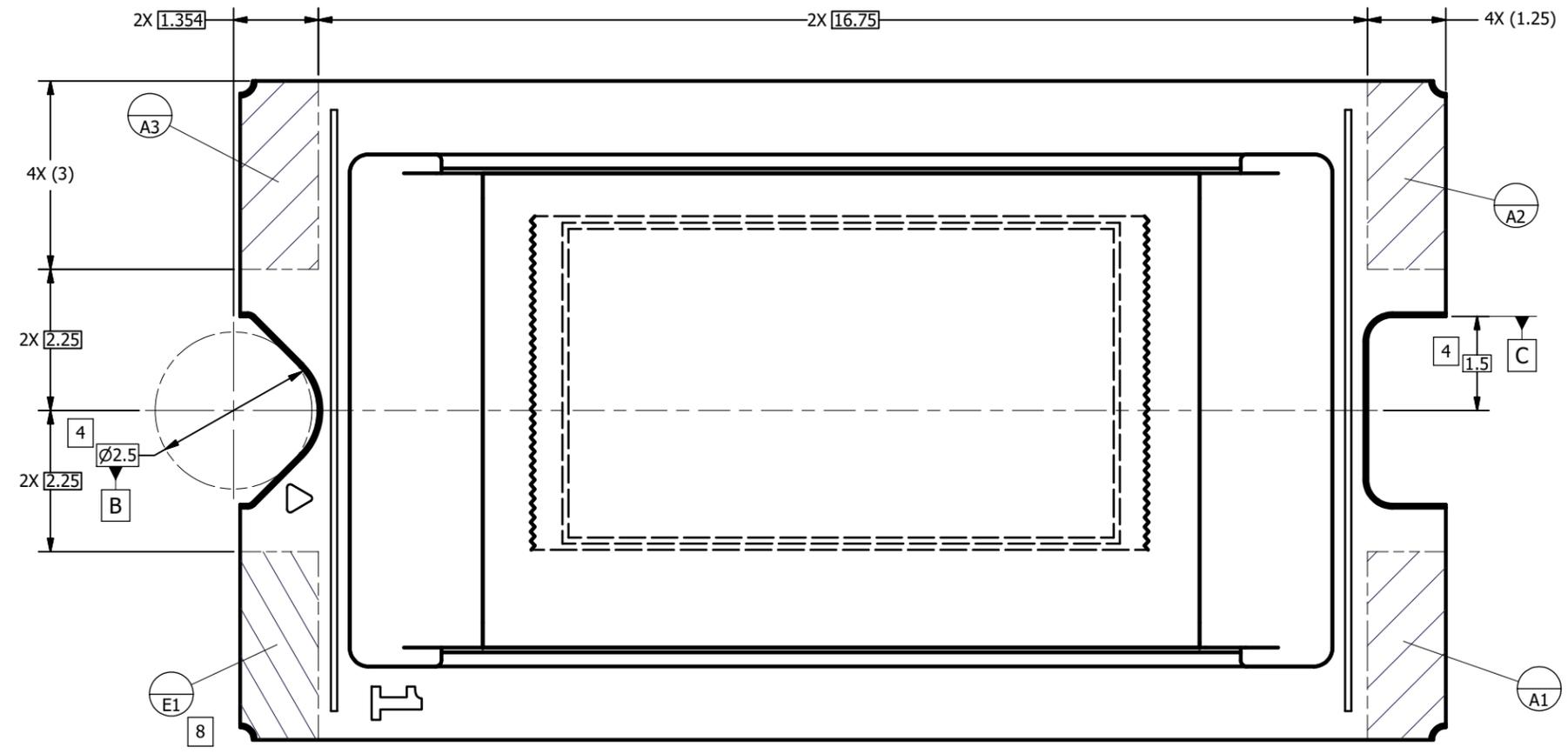
C

B

B

A

A



VIEW C
 DATUMS A AND E
 SCALE 20 : 1
 (FROM SHEET 1)

 TEXAS INSTRUMENTS <small>Dallas Texas</small>	DRAWN B. HASKETT	DATE 5/1/2023	SIZE D	DWG NO. 2518600	REV A
	SCALE			SHEET 2 OF 5	

8

7

6

5

4

3

2

1

8

7

6

5

4

3

DWG NO. 2518600 SH 3

1

D

D

C

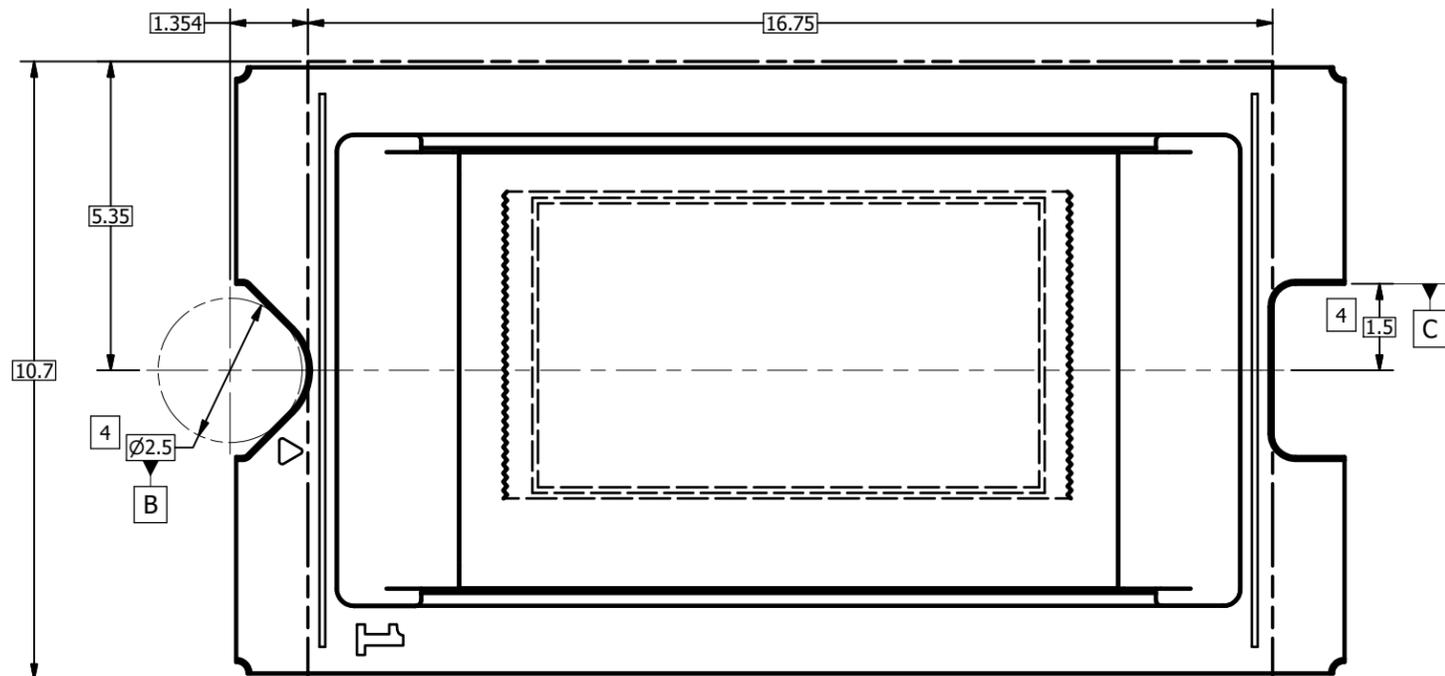
C

B

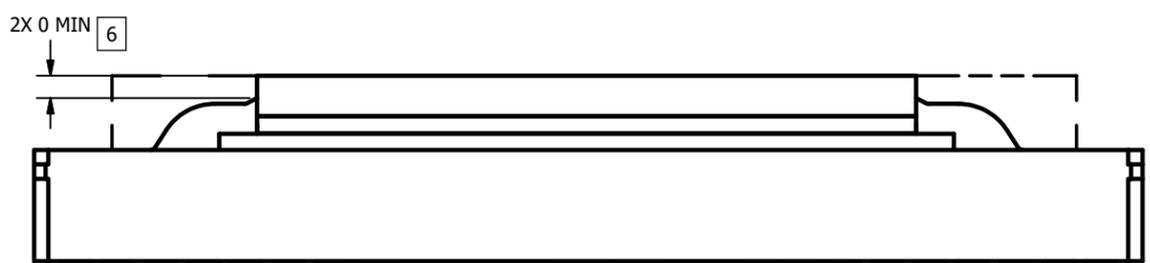
B

A

A



VIEW D
ENCAPSULANT MAXIMUM X/Y DIMENSIONS ⁵
(FROM SHEET 1)



VIEW E
ENCAPSULANT MAXIMUM HEIGHT

8

7

6

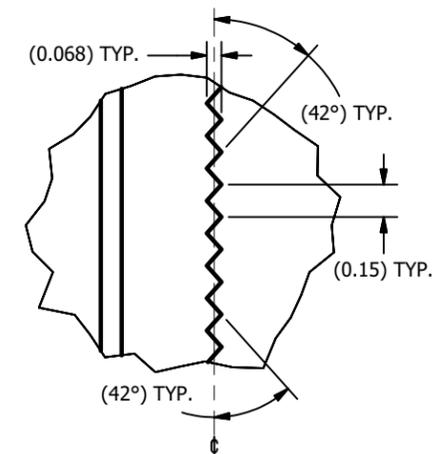
5

4

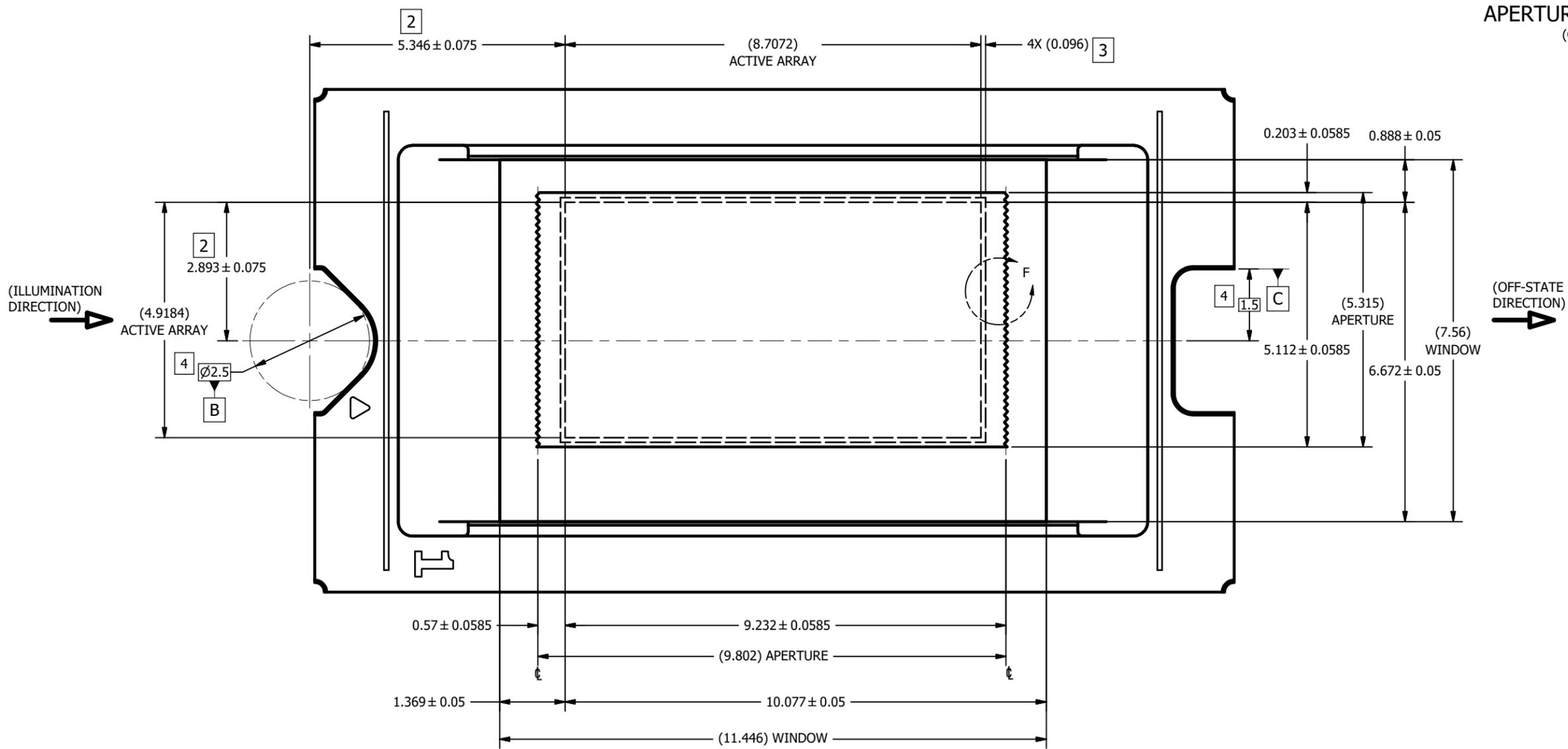
3

2

1



DETAIL F
APERTURE LEFT AND RIGHT EDGES
 (GLASS OMITTED FOR CLARITY)
 SCALE 60 : 1



VIEW E
WINDOW AND ACTIVE ARRAY
 SCALE 20 : 1
 (FROM SHEET 1)

D

D

C

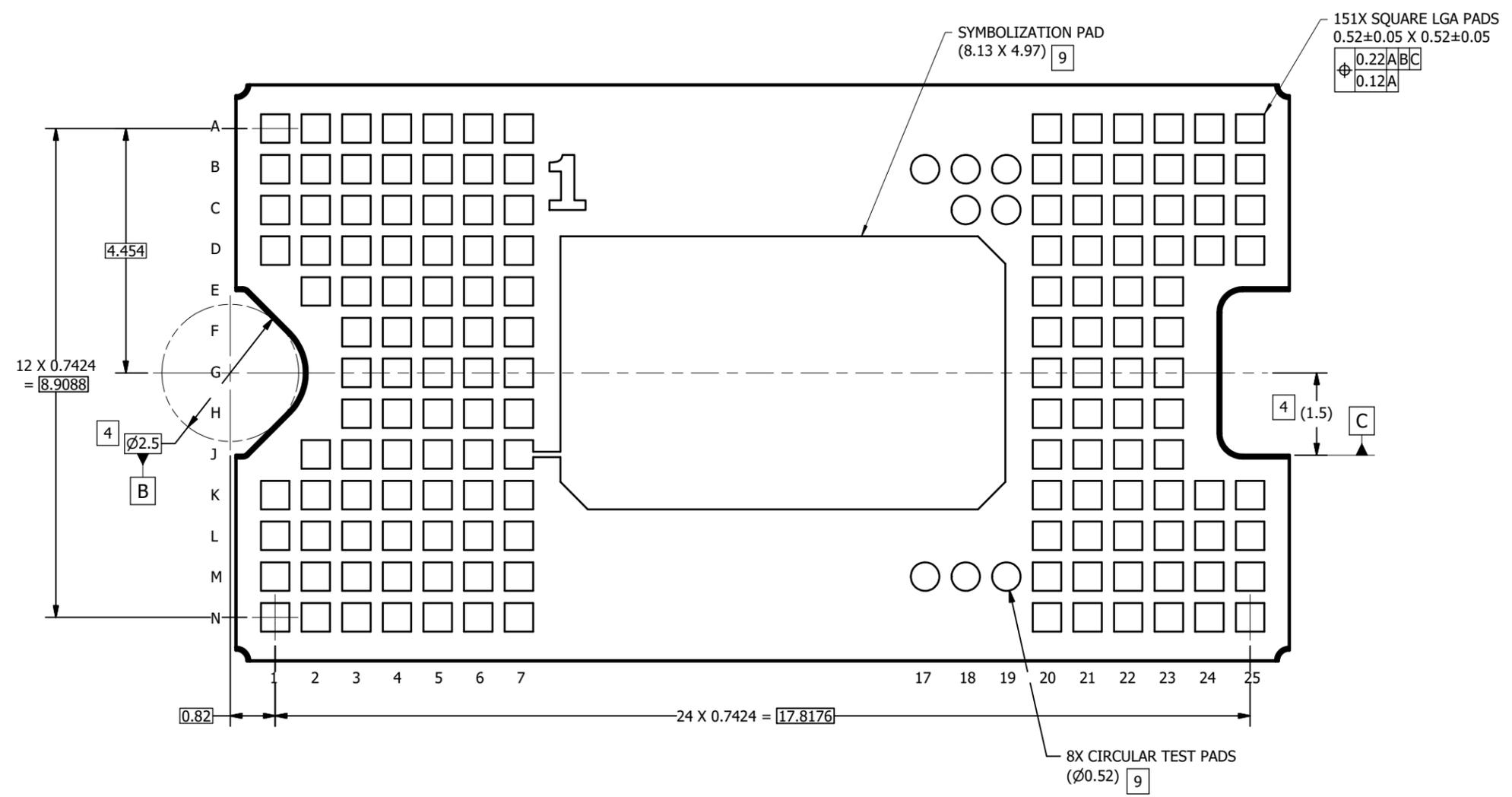
C

B

B

A

A



VIEW H-H
BACK SIDE METALLIZATION
SCALE 20 : 1

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