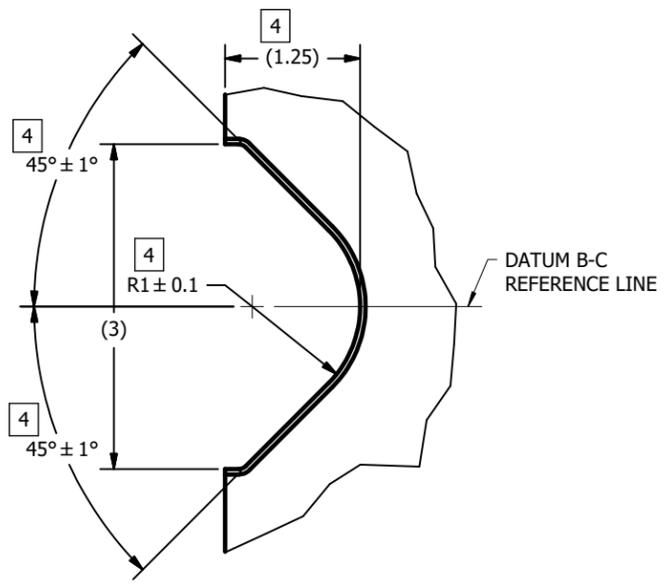


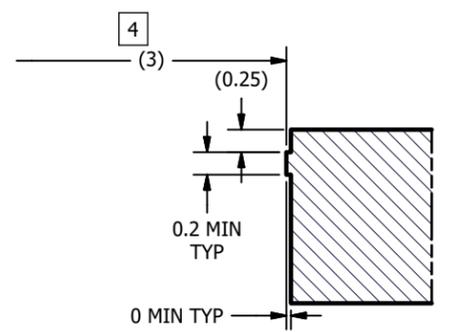
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REVISIONS			
REV	DESCRIPTION	DATE	BY
A	ECO 2199615: INITIAL RELEASE	4/19/2022	BMH
B	ECO 2200854: TOLERANCE RIGHT & BOTTOM EDGES FROM DATUMS B/C, INSTEAD OF FROM LEFT & TOP EDGES	8/1/2022	BMH

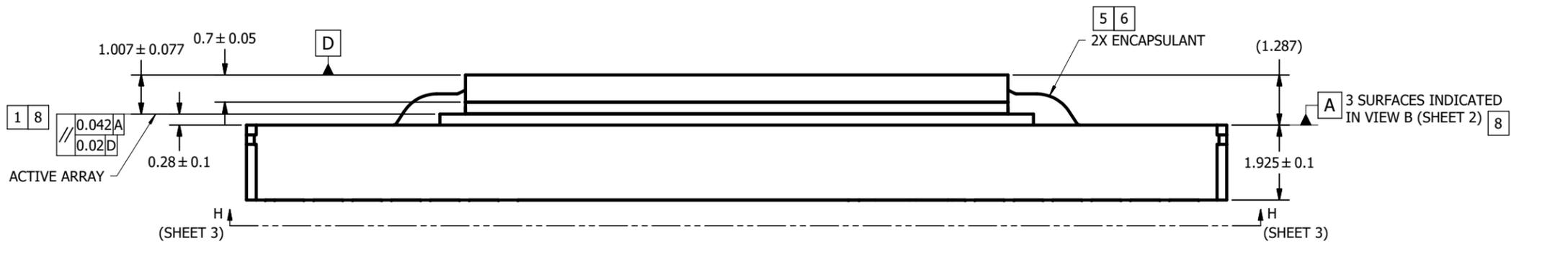
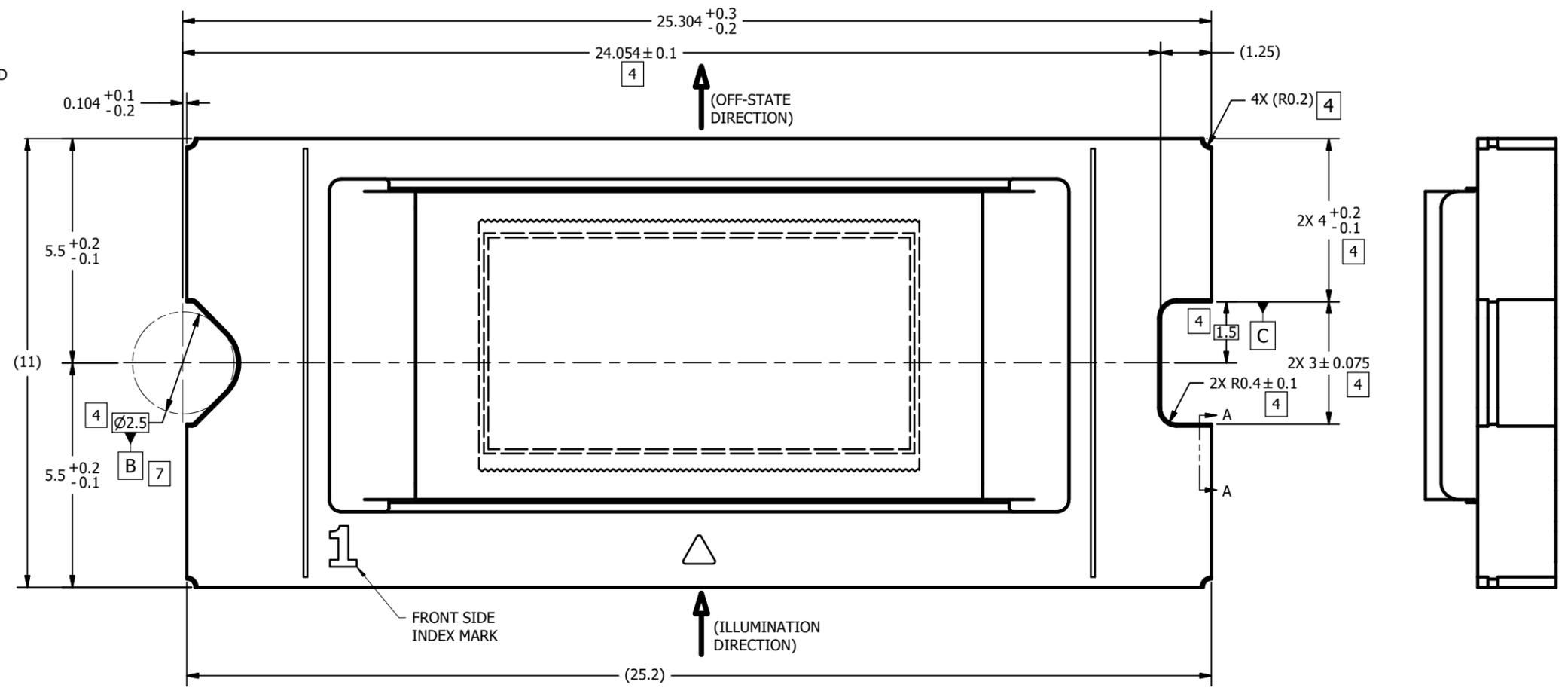
- NOTES UNLESS OTHERWISE SPECIFIED:
- 1 DIE PARALLELISM TOLERANCE APPLIES TO DMD ACTIVE ARRAY ONLY.
 - 2 ROTATION ANGLE OF DMD ACTIVE ARRAY IS A REFINEMENT OF THE LOCATION TOLERANCE AND HAS A MAXIMUM ALLOWED VALUE OF 0.6 DEGREES.
 - 3 BOUNDARY MIRRORS SURROUNDING THE DMD ACTIVE ARRAY.
 - 4 NOTCH DIMENSIONS 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.



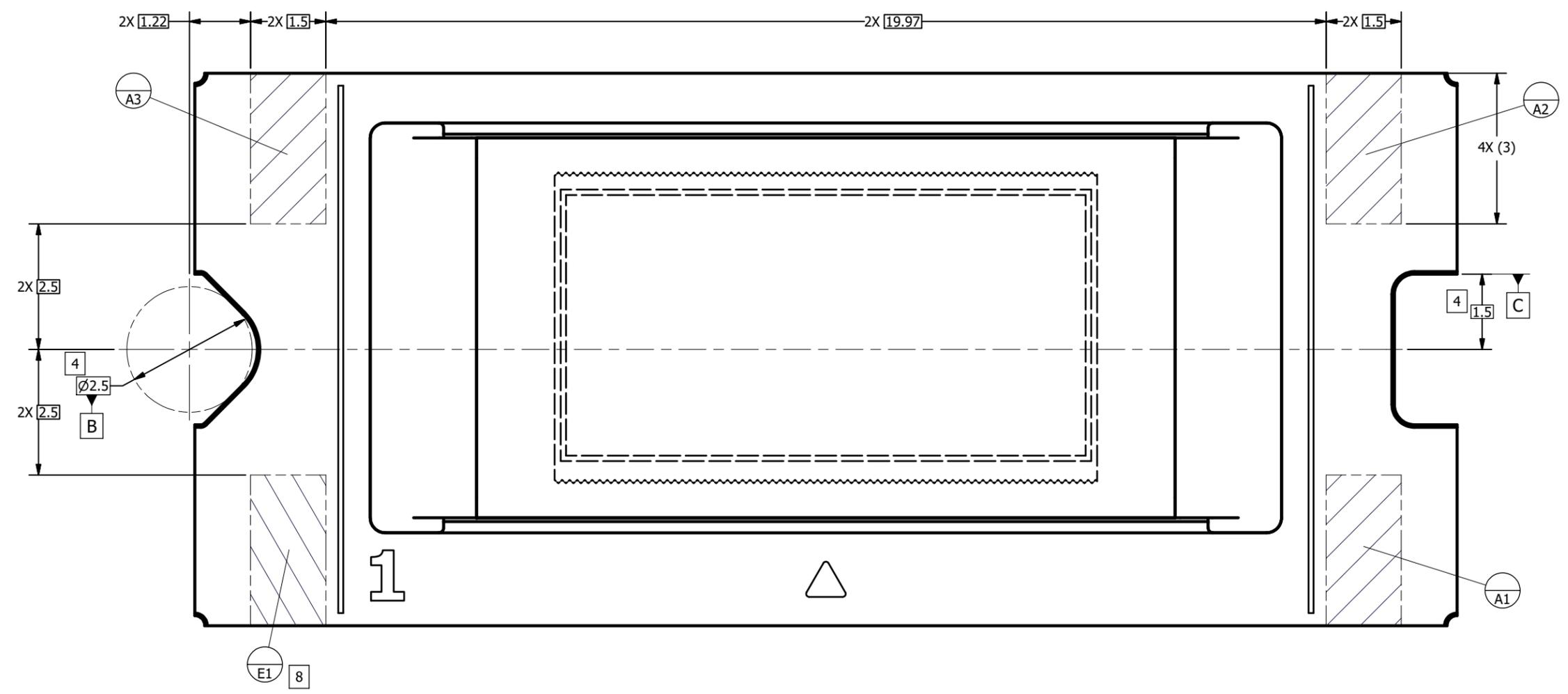
DETAIL B
V-NOTCH
SCALE 30 : 1



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



THIRD ANGLE PROJECTION 	0314DA	UNLESS OTHERWISE SPECIFIED	DRAWN B. HASKETT	DATE 4/19/2022	TEXAS INSTRUMENTS Dallas, Texas TITLE ICD, MECHANICAL, DMD, .46 AUTO SERIES 320 (FQX PACKAGE)	
	NEXT ASSY	USED ON	● 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	ENGINEER B. HASKETT 4/19/2022 QA/CE P. KONRAD 4/20/2022 CM B. HASKETT 4/27/2022		SIZE D
	APPLICATION		APPROVED J. MCKINLEY 4/27/2022 B. RAY 4/21/2022	DWG NO. 2518197		REV B
				SCALE 15:1		SHEET 1 OF 5



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

D

D

C

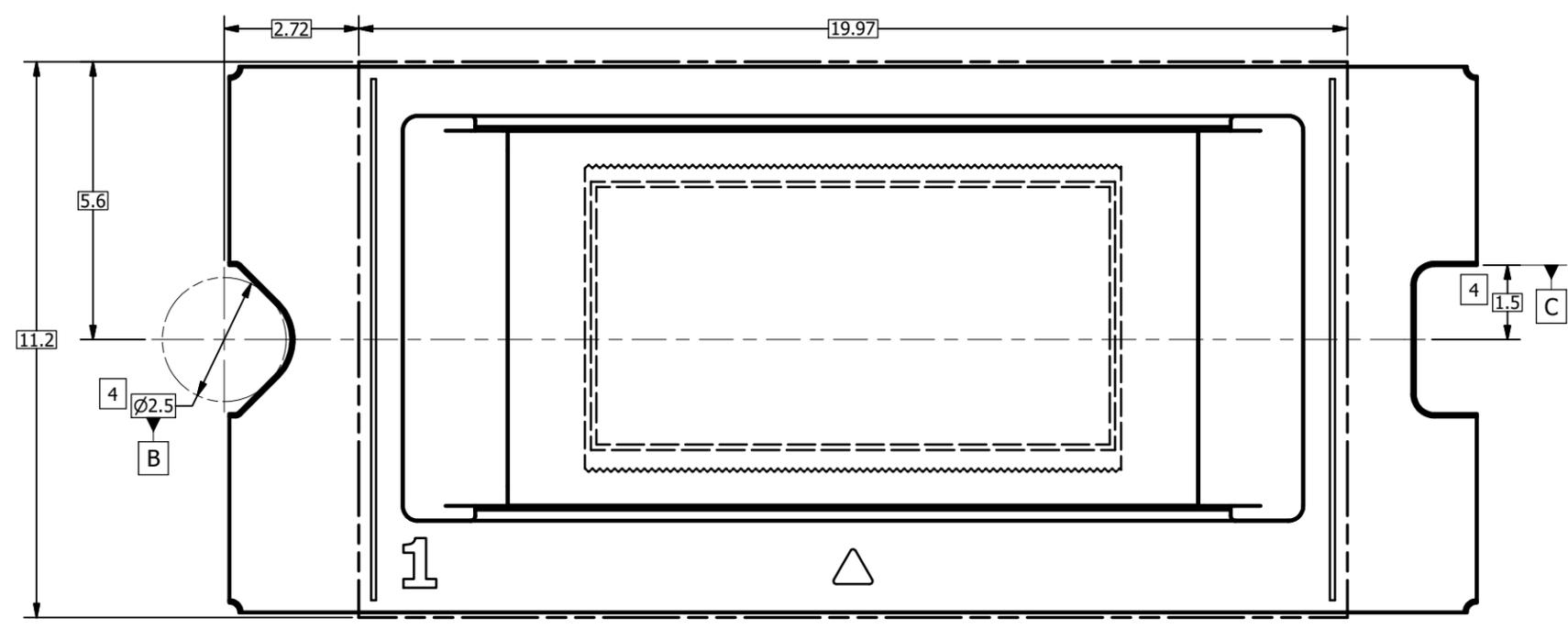
C

B

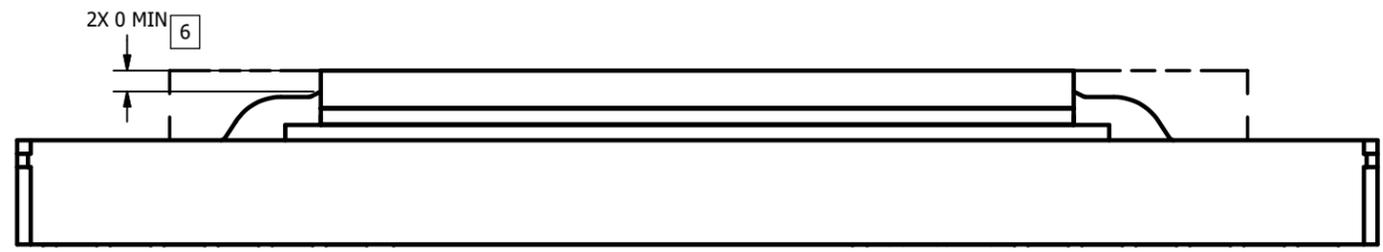
B

A

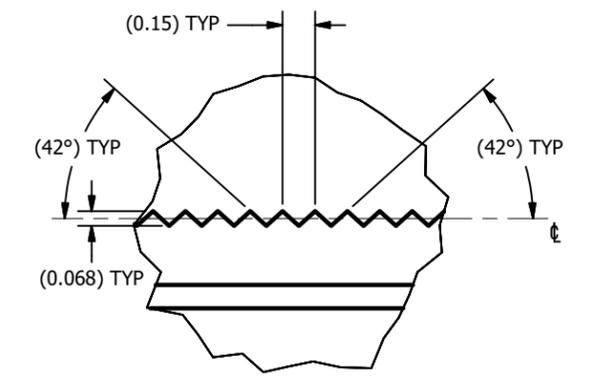
A



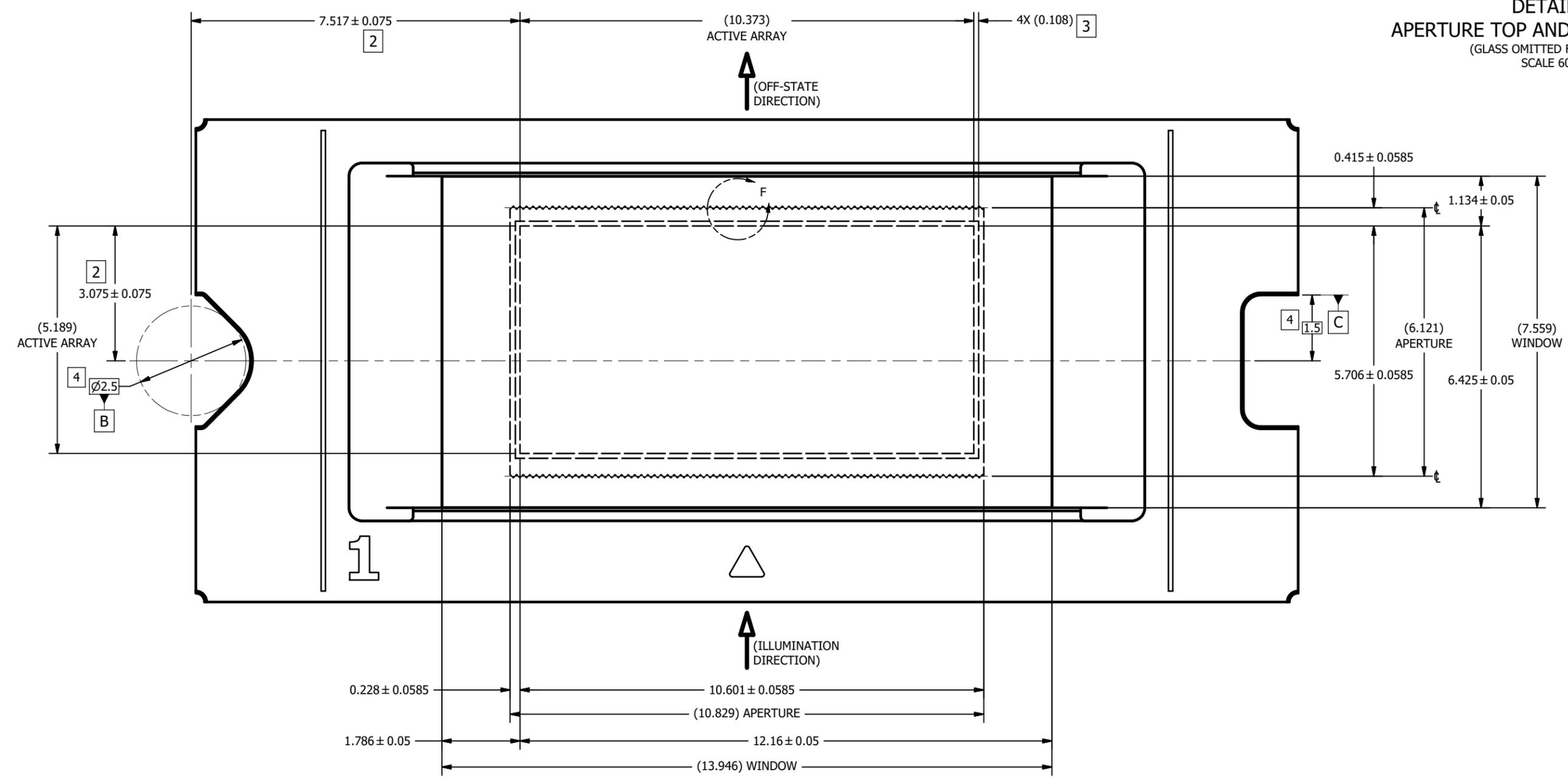
VIEW D
ENCAPSULANT MAXIMUM X/Y DIMENSIONS [5]
(FROM SHEET 1)



VIEW E
ENCAPSULANT MAXIMUM HEIGHT



DETAIL F
APERTURE TOP AND BOTTOM EDGES
 (GLASS OMITTED FOR CLARITY)
 SCALE 60 : 1



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

D

D

C

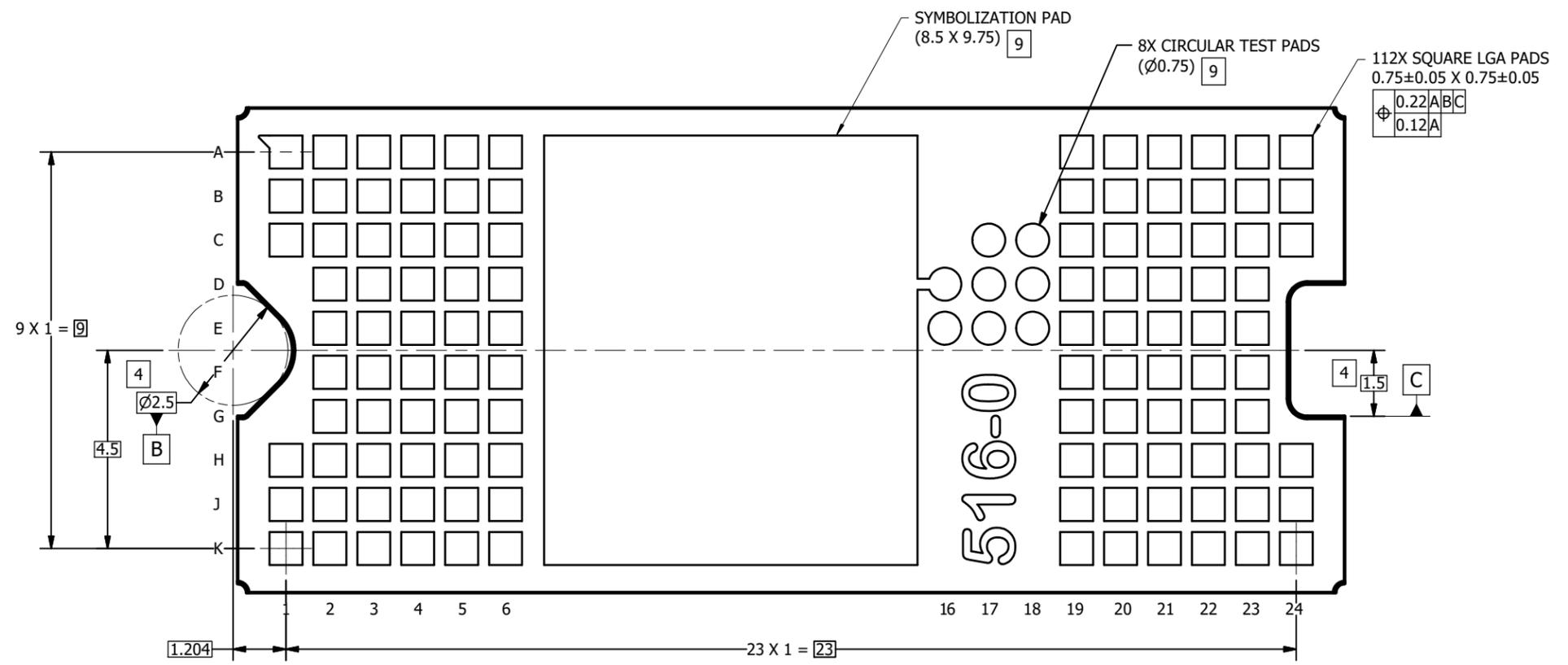
C

B

B

A

A



VIEW H-H
 BACK SIDE METALLIZATION
 SCALE 15 : 1

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