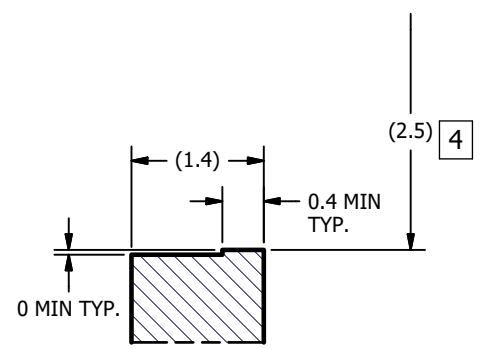
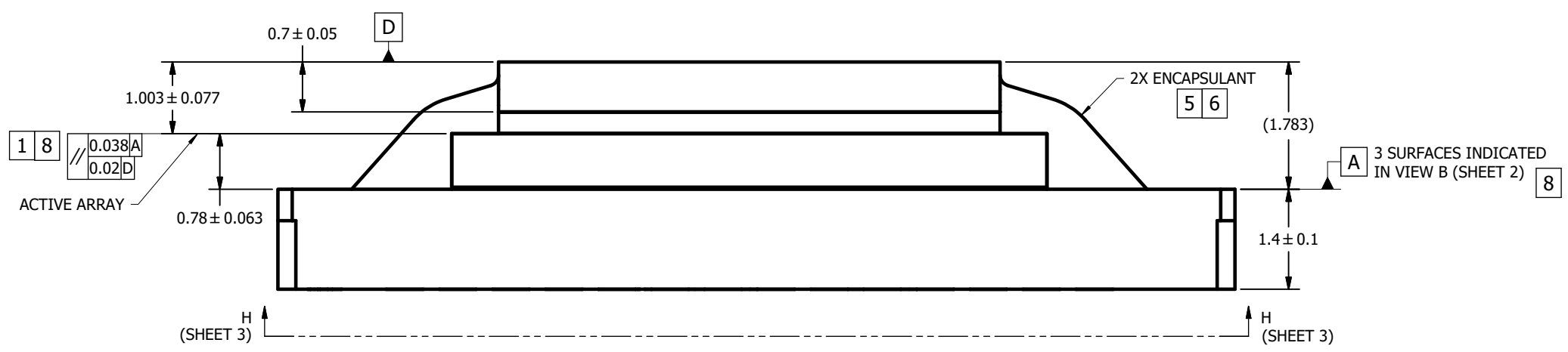
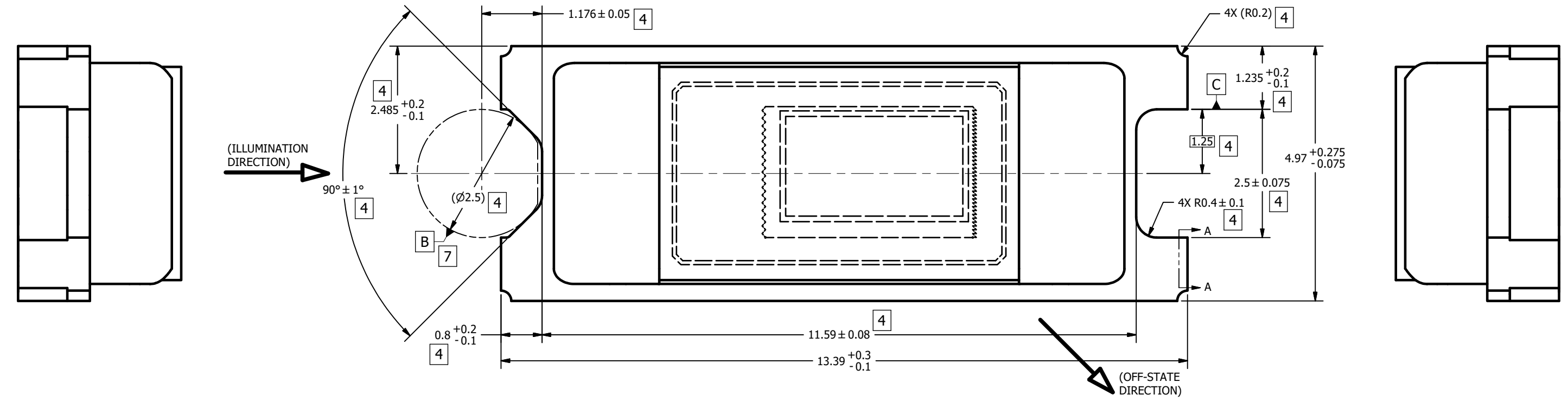


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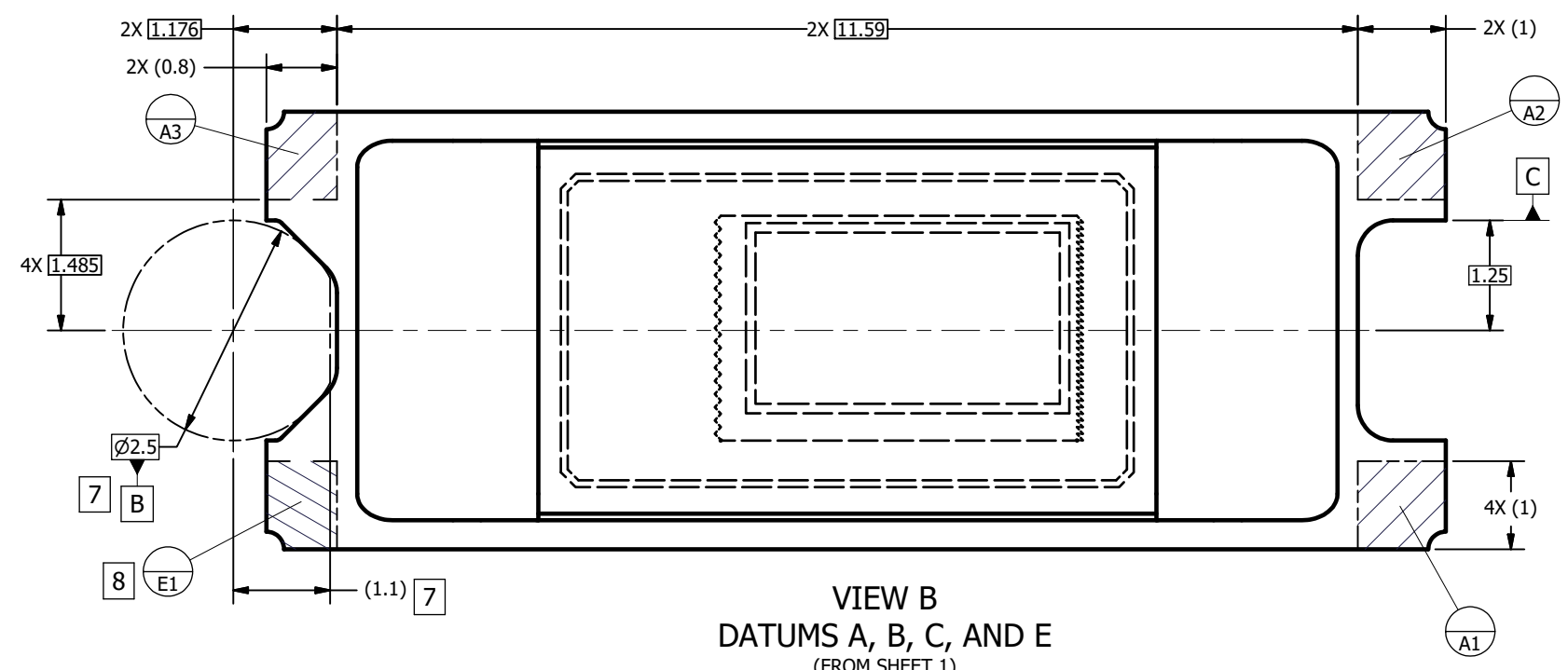
REVISIONS		DATE	BY
REV	DESCRIPTION		
A	ECO 2191771: INITIAL RELEASE	1/4/2021	BMH

NOTES UNLESS OTHERWISE SPECIFIED:

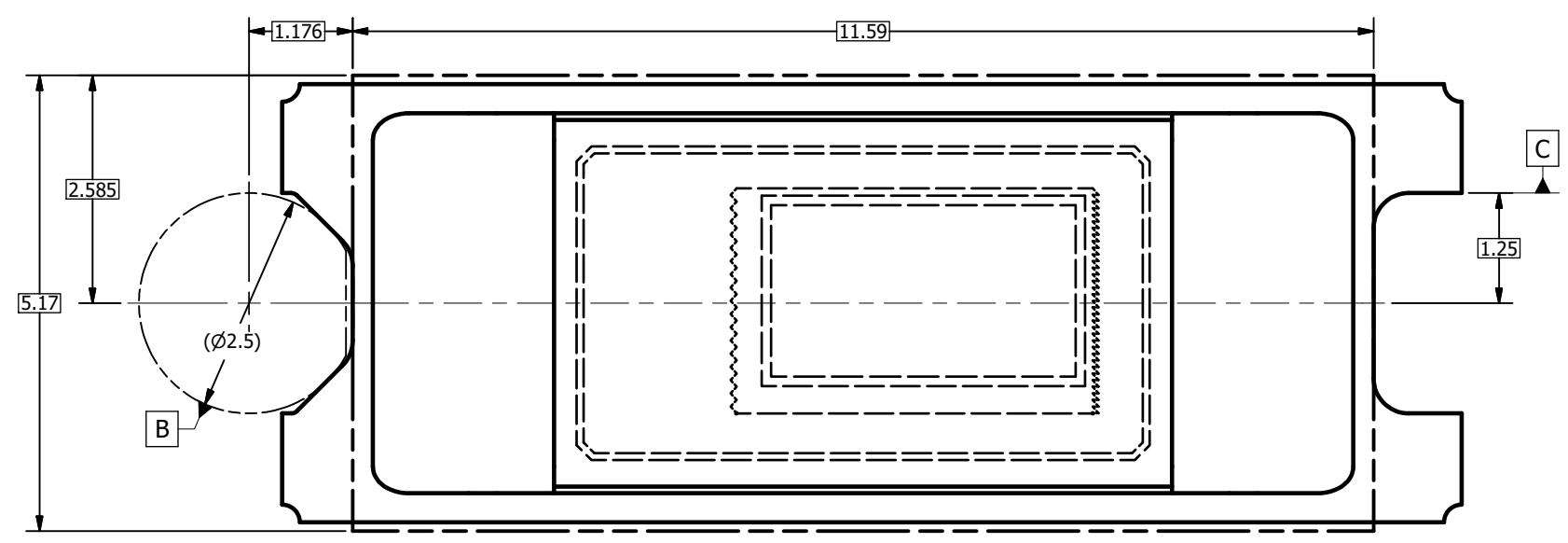
- 1 DIE PARALLELISM TOLERANCE APPLIES TO DMD ACTIVE ARRAY ONLY.
- 2 ROTATION ANGLE OF DMD ACTIVE ARRAY IS A REFINEMENT OF THE LOCATION TOLERANCE AND HAS A MAXIMUM ALLOWED VALUE OF 0.6 DEGREES.
- 3 BOUNDARY MIRRORS SURROUNDING THE DMD ACTIVE ARRAY.
- 4 NOTCH DIMENSIONS ARE DEFINED BY UPPERMOST LAYERS OF CERAMIC, AS SHOWN IN SECTION A-A.
- 5 ENCAPSULANT TO BE CONTAINED WITHIN DIMENSIONS SHOWN IN VIEW C (SHEET 2). NO ENCAPSULANT IS ALLOWED ON TOP OF THE WINDOW.
- 6 ENCAPSULANT NOT TO EXCEED THE HEIGHT OF THE WINDOW.
- 7 DATUM B IS DEFINED BY A DIA. 2.5 PIN, WITH A FLAT ON THE SIDE FACING TOWARD THE CENTER OF THE ACTIVE ARRAY, AS SHOWN IN VIEW B (SHEET 2).
- 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.



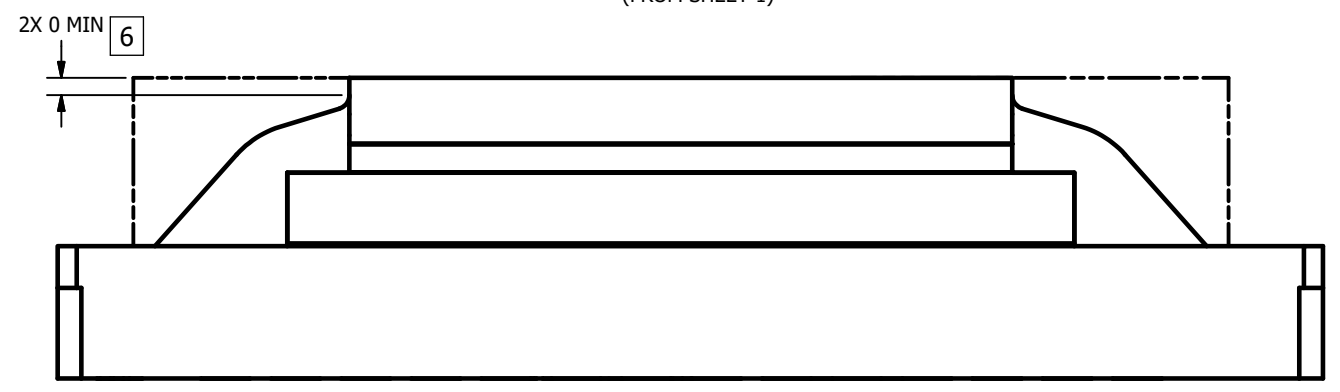
UNLESS OTHERWISE SPECIFIED ● DIMENSIONS ARE IN MILLIMETERS ● TOLERANCES: ANGLES ± 1' 2 PLACE DECIMALS ± 0.25 1 PLACE DECIMALS ± 0.50 ● DIMENSIONAL LIMITS APPLY BEFORE PROCEEDING ● INTERPRET DIMENSIONS IN ACCORDANCE WITH ASME Y14.5M-1994 ● REMOVE ALL BURRS AND SHARP EDGES ● PARENTHETICAL INFORMATION FOR REFERENCE ONLY	DRAWN B. HASKETT ENGINEER B. HASKETT QA/CE C. HART CM F. KHAN G. HERMOSILLO APPROVED J. GRIMMETT	DATE 1/4/2021 1/4/2021 1/8/2021 1/4/2021 1/13/2021 1/11/2021	TEXAS INSTRUMENTS Dallas, Texas TITLE ICD, MECHANICAL, DMD, .16 nHD SERIES 248 (FQT PACKAGE) SIZE D SCALE 25:1	DWG NO. 2517439 SHEET 1 OF 3
	APPLICATION 0314DA NEXT ASSY USED ON	REV A		



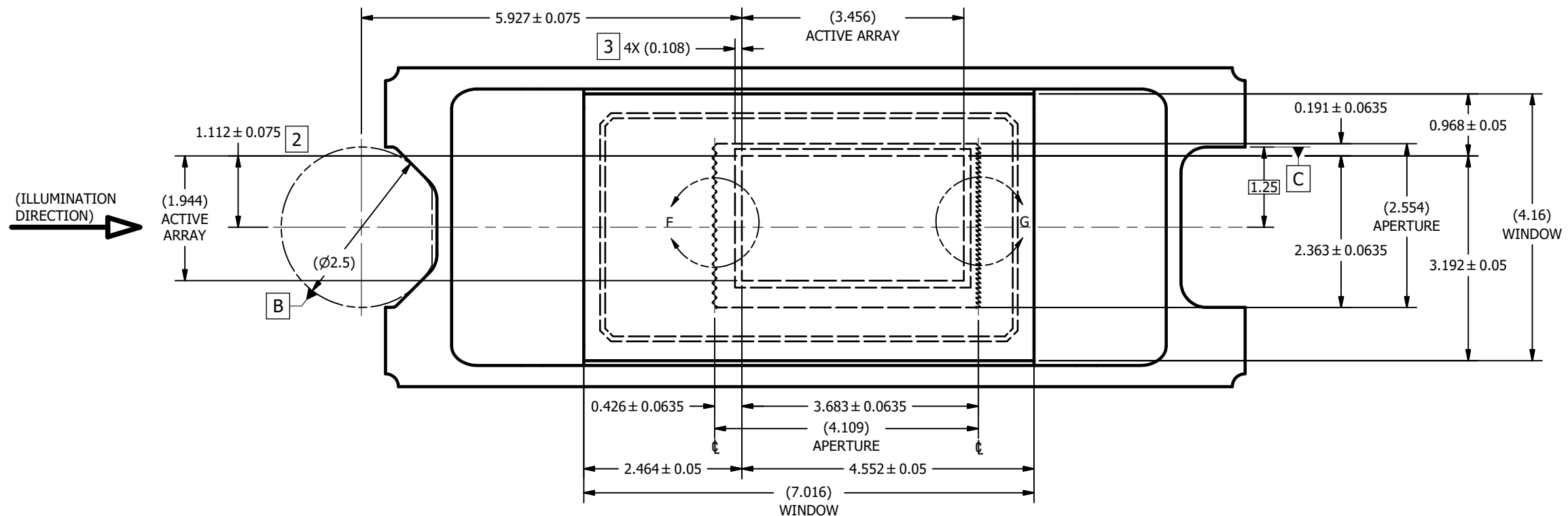
VIEW B
DATUMS A, B, C, AND E
(FROM SHEET 1)



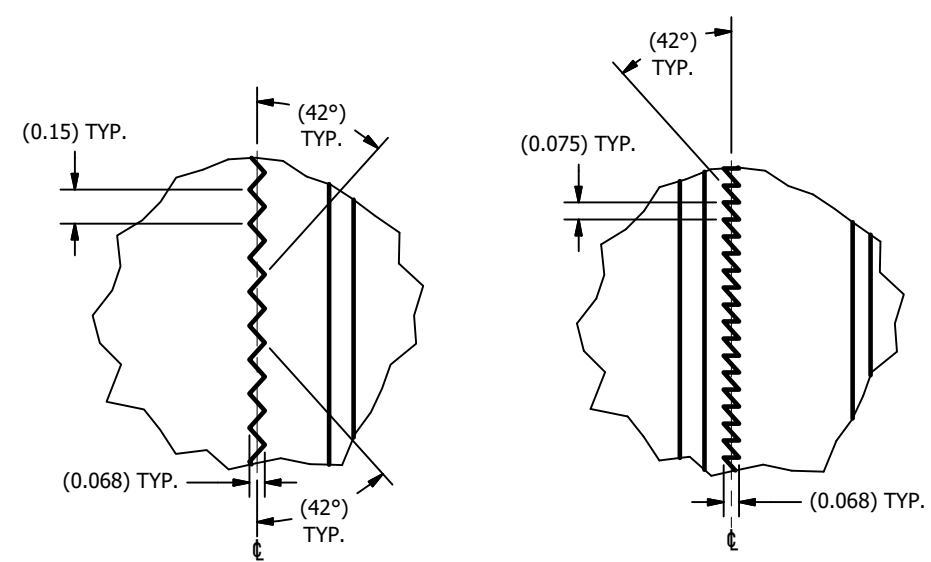
VIEW C
ENCAPSULANT MAXIMUM X/Y DIMENSIONS [5]
(FROM SHEET 1)



VIEW D
ENCAPSULANT MAXIMUM HEIGHT

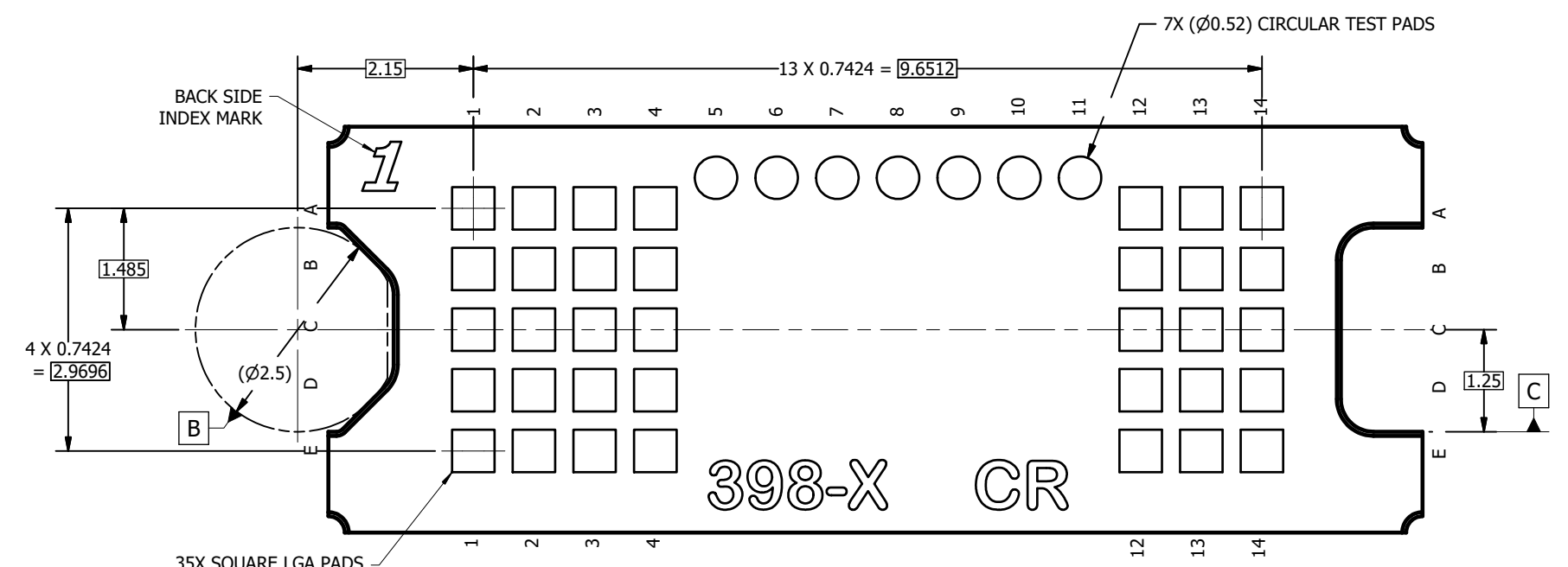


VIEW E
WINDOW AND ACTIVE ARRAY
(FROM SHEET 1)



DETAIL F
APERTURE LEFT EDGE
(WINDOW OMITTED FOR CLARITY)
SCALE 60 : 1

DETAIL G
APERTURE RIGHT EDGE
(WINDOW OMITTED FOR CLARITY)
SCALE 60 : 1



VIEW H-H
BACK SIDE METALLIZATION
(FROM SHEET 1)

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