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REVISIONS			
REV	DESCRIPTION	DATE	BY
A	ECO 2196032: INITIAL RELEASE	7/26/2021	BMH
B	ECO 2199613: CORRECT WINDOW SIZE	4/11/2022	PPC
C	ECO 2201377: TOLERANCE RIGHT & BOTTOM EDGES FROM DATUMS B/C, INSTEAD OF FROM LEFT & TOP EDGES	10/11/2022	PPC

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 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.

D

C

B

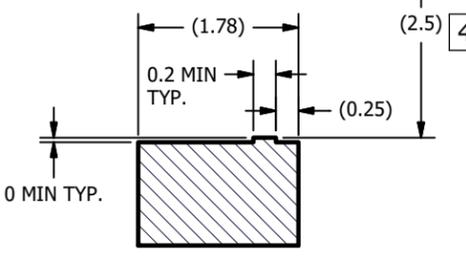
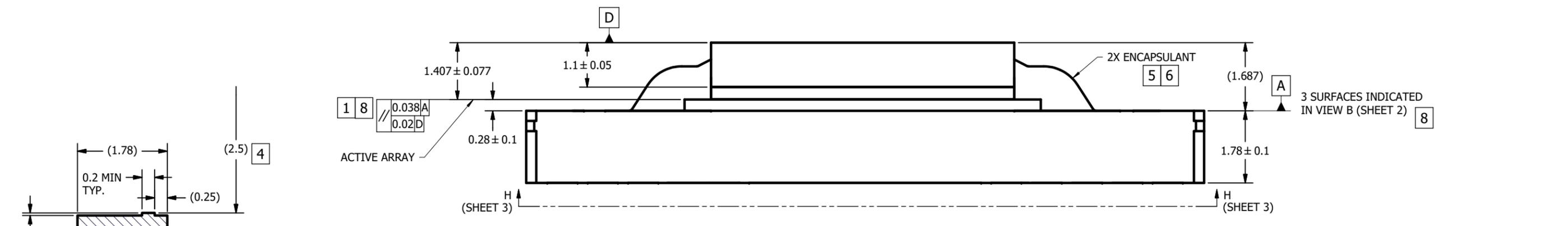
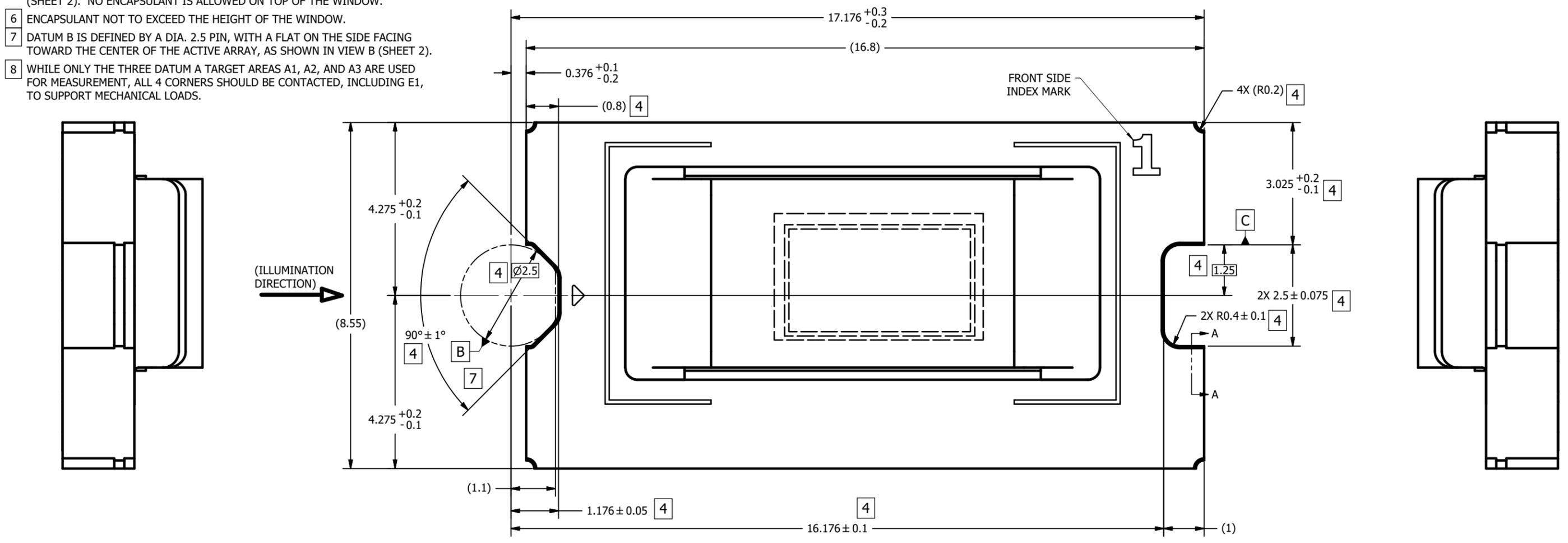
A

D

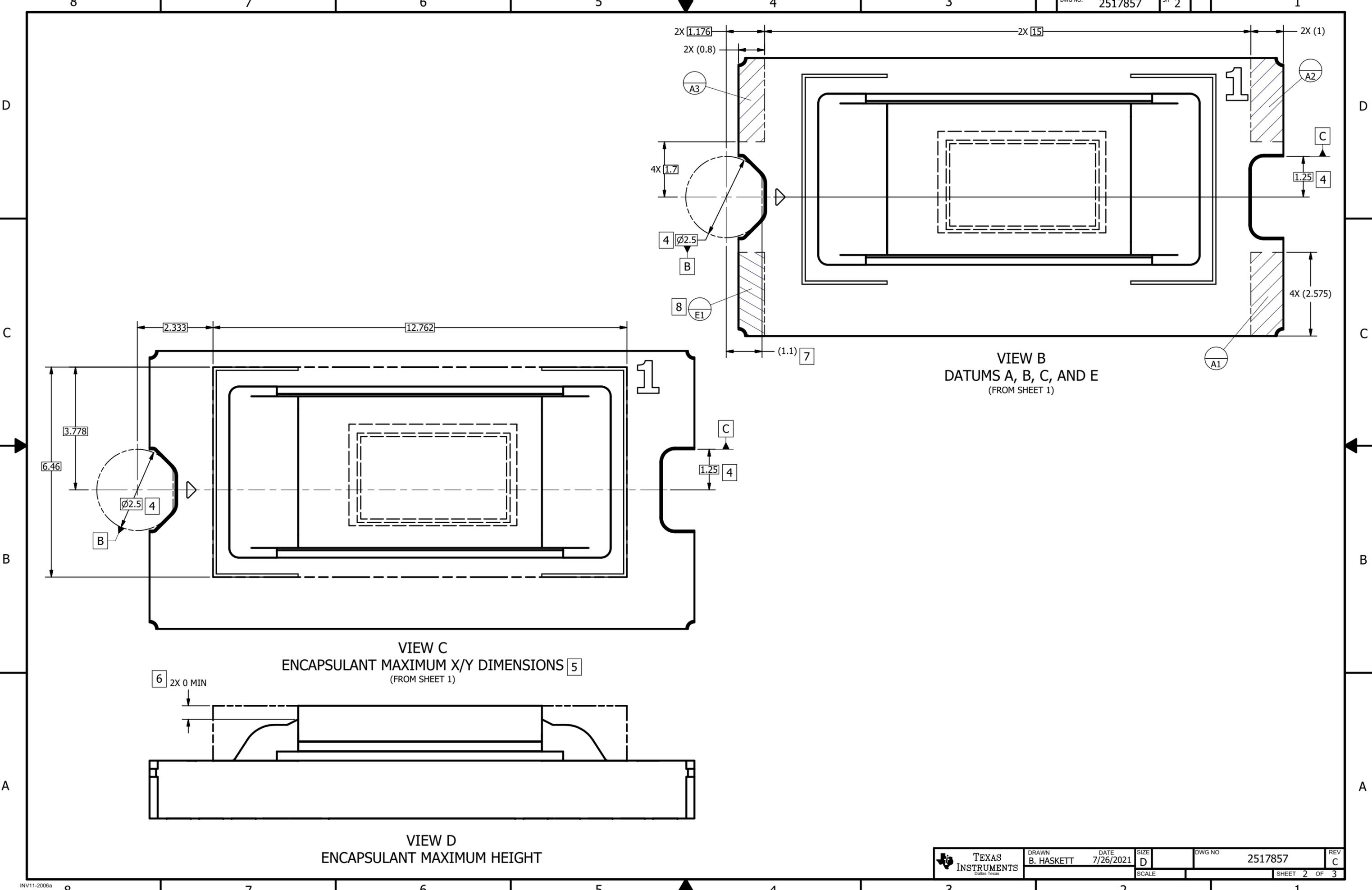
C

B

A



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 7/26/2021 ENGINEER P. CREERY 7/26/2021 QA/CE M. DOUGLASS 7/29/2021 CM B. MENDOZA 7/26/2021	TITLE ICD, MECHANICAL, DMD, .2 AUTO 16:9 SERIES 249 (FQU PACKAGE)			
	DATE 7/26/2021		SIZE D	DWG NO 2517857	REV C
THIRD ANGLE PROJECTION	APPLICATION 0314DA NEXT ASSY USED ON	SCALE 20:1	SHEET 1 OF 3	DATE 7/26/2021	BY J. MCKINLEY



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

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