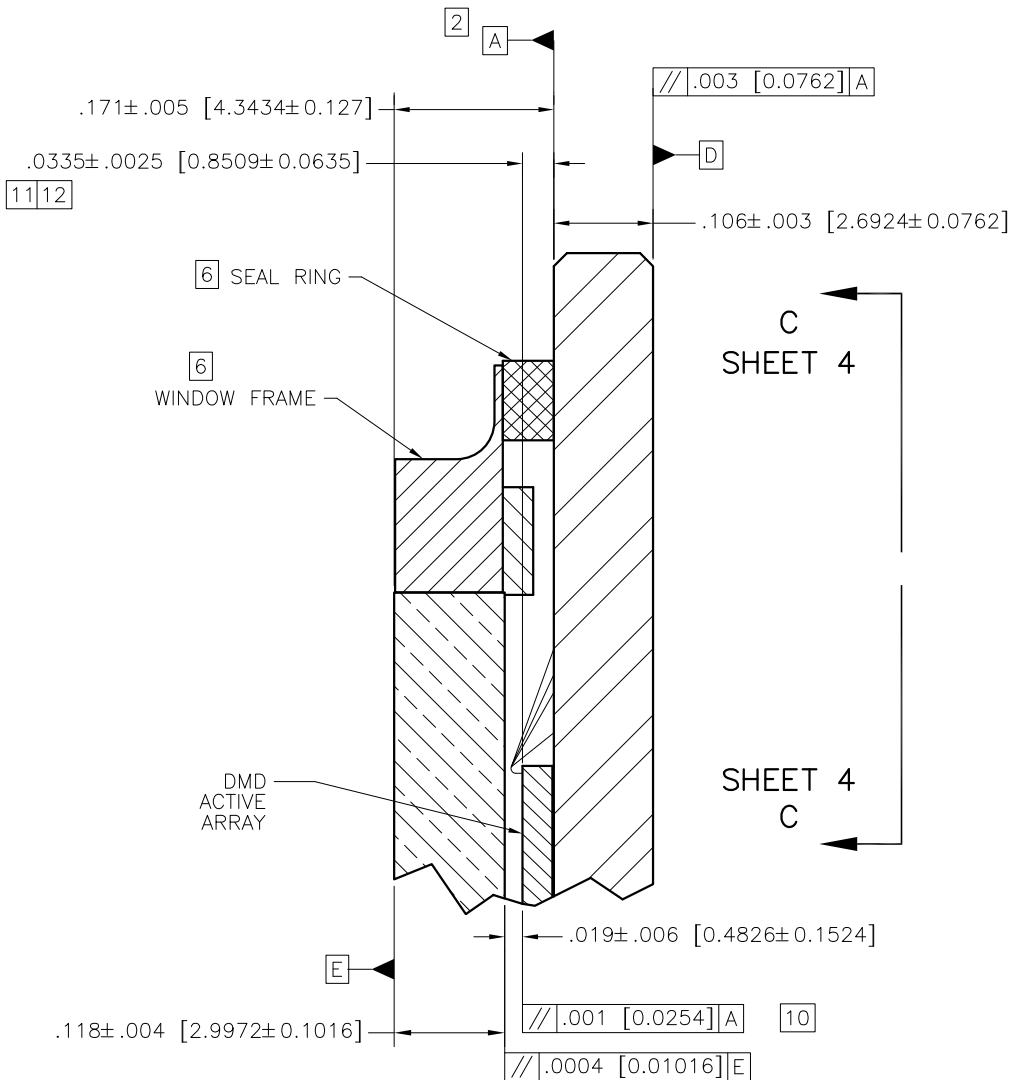


NOTES: UNLESS OTHERWISE SPECIFIED:

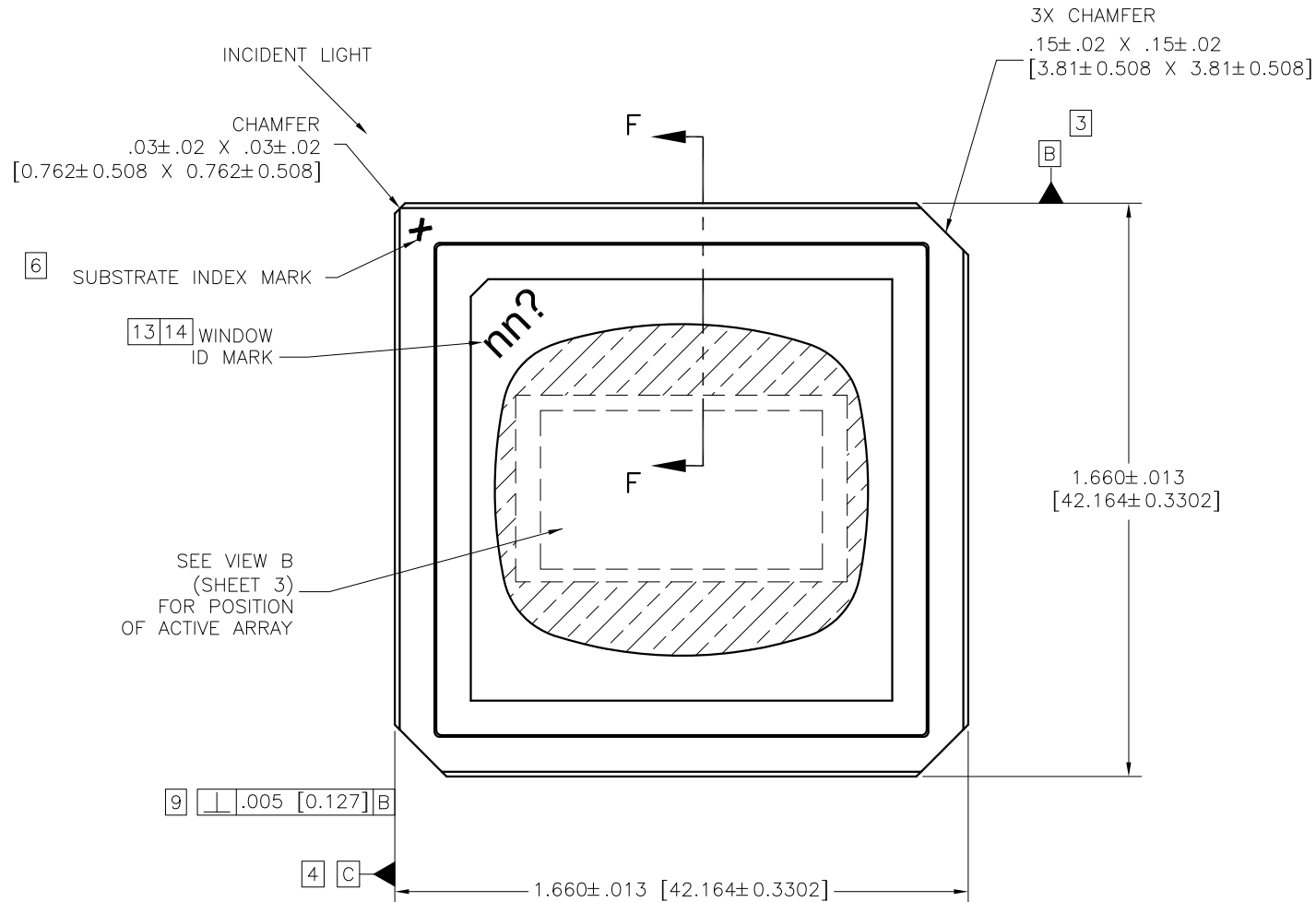
- 1 INTERPRET DIMENSIONS IN ACCORDANCE WITH ASME Y14.5M-1994.
- 2 DATUM A (SYSTEM INTERFACE PLANE) ESTABLISHED BY THREE DATUM AREAS SHOWN IN VIEW A (SHEET 2).
- 3 DATUM B ESTABLISHED BY TWO DATUM AREAS SHOWN IN VIEW A (SHEET 2).
- 4 DATUM C ESTABLISHED BY DATUM AREA SHOWN IN VIEW A (SHEET 2).
- 5 LOCALIZED 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 (DELETED)
- 8 ROTATION ANGLE OF DMD ACTIVE ARRAY IS A REFINEMENT OF THE LOCATION TOLERANCE AND IS THE MAXIMUM VALUE ALLOWED.
- 9 SUBSTRATE EDGE PERPENDICULARITY TOLERANCE APPLIES TO ENTIRE SURFACE.
- 10 DIE PARALLELISM TOLERANCE APPLIES TO DMD ACTIVE ARRAY ONLY.
- 11 DIE HEIGHT TOLERANCE APPLIES TO CENTER OF DMD ACTIVE ARRAY ONLY.
- 12 DMD ACTIVE ARRAY ROTATION AND LOCATION DIMENSIONS ARE RELATED TO DATUM A (PRIMARY), DATUM B (SECONDARY), AND DATUM C (TERTIARY).
- 13 WINDOW SHALL BE ORIENTED SUCH THAT I.D. MARK ALIGNS WITH SUBSTRATE INDEX MARK AS SHOWN.
- 14 n AND ? ARE WILD CARD CHARACTERS. nn=25 FOR STANDARD VISIBLE WINDOWS; nn=32 FOR UV-TRANSMISSIVE WINDOWS. ? CAN BE ANY LETTER.
- 15 SUBSTRATES PLATED WITH Ni/Au SHALL HAVE THE THREE-DIGIT NUMERICAL MARKING IN THE SYMBOLIZATION PAD, AS SHOWN. SUBSTRATES WITH Ni/Pd/Au SHALL HAVE THE SAME MARKING, BUT ROTATED UPSIDE-DOWN.



SECTION F-F  
SCALE 10/1

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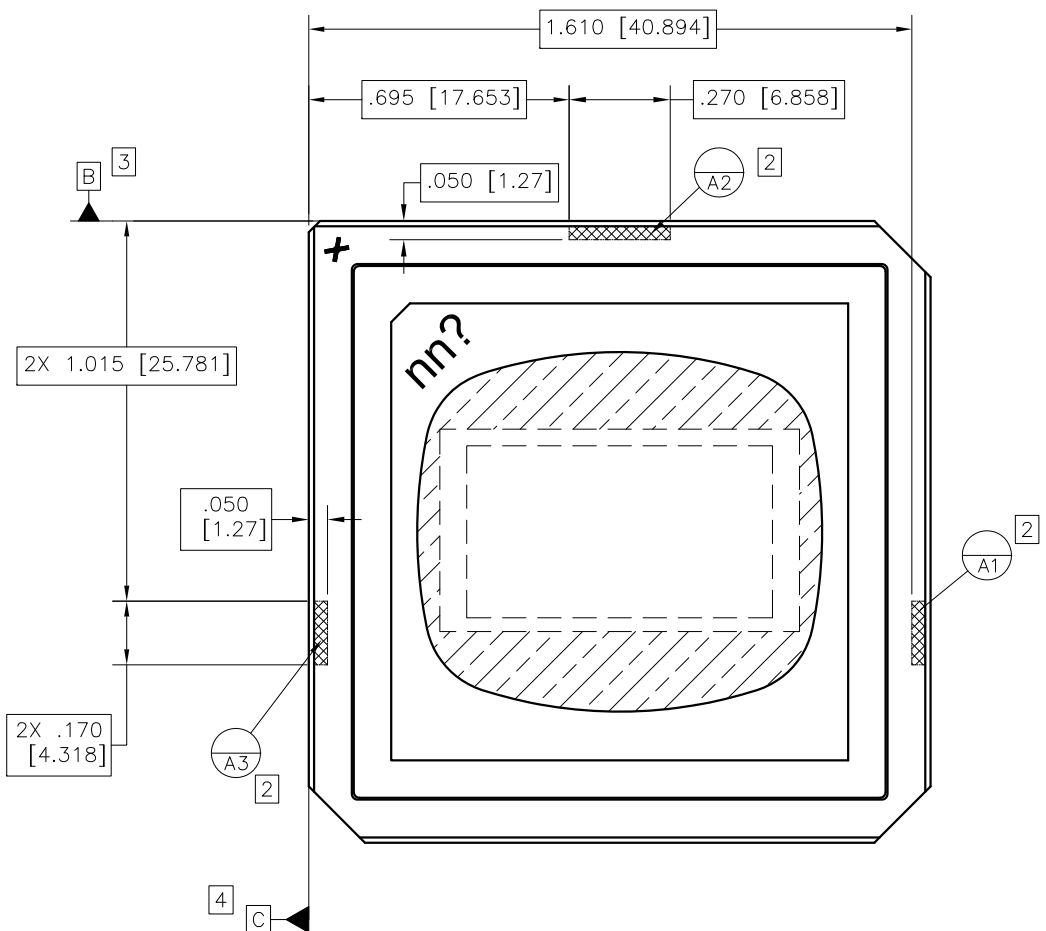
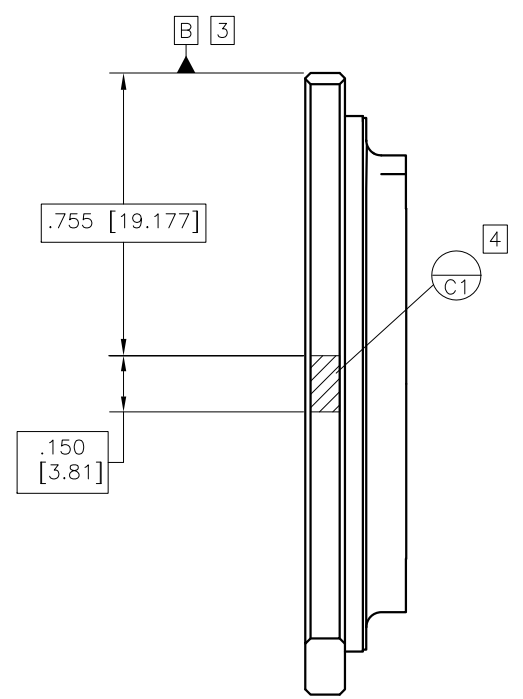
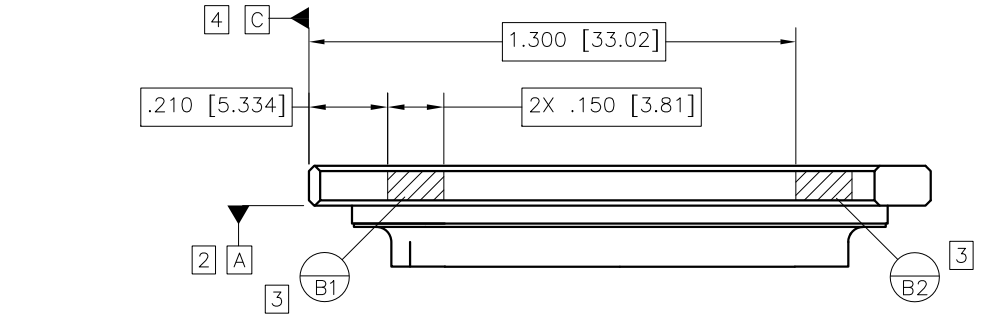
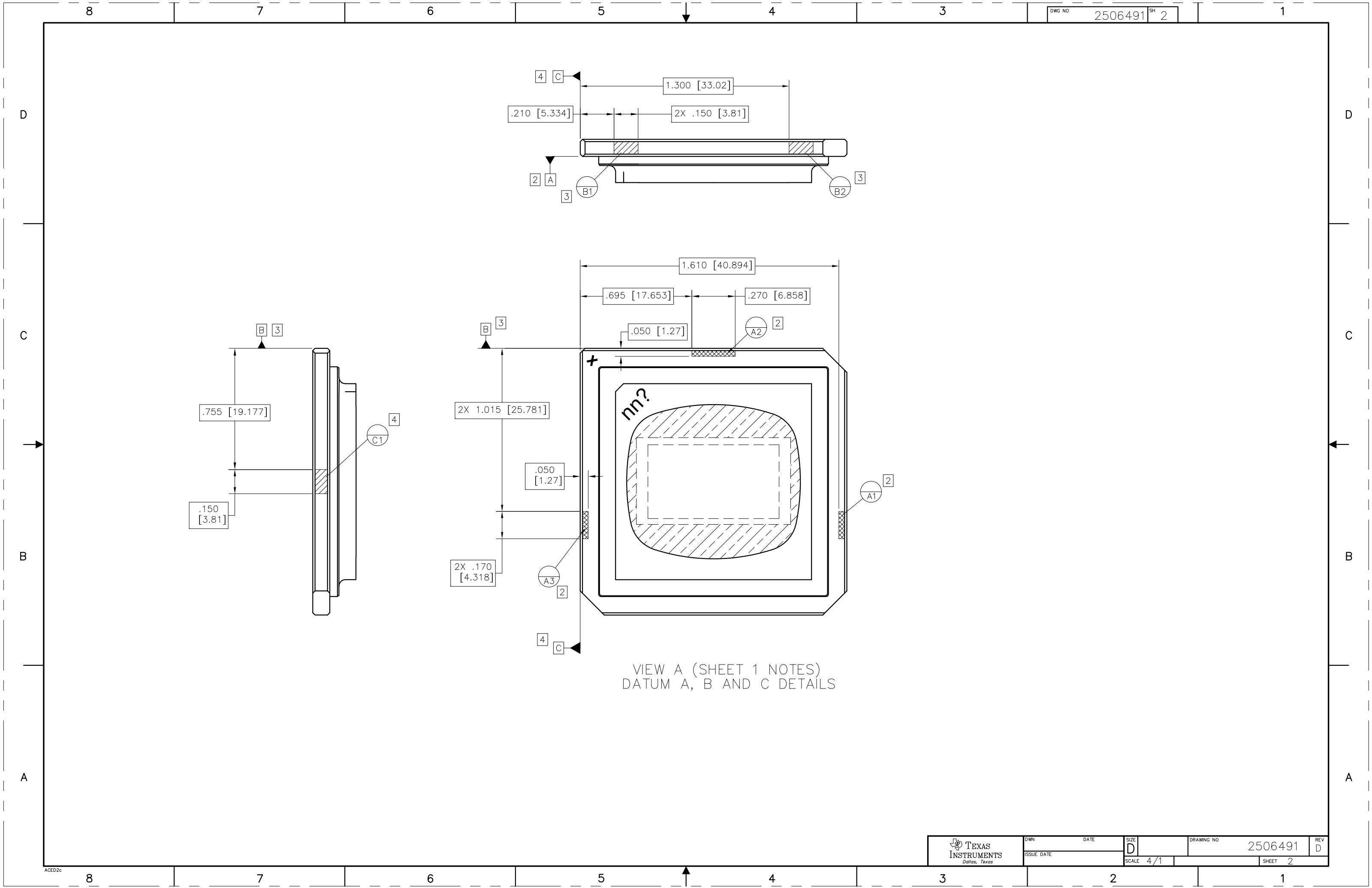
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	ECO 2055418, INITIAL RELEASE	2/28/05	M. AVERY
B	ECO 2150560, ADD NOTE 15.	05/12/15	M. AVERY
C	ECO 2179667, DELETE NOTE 7.	02/18/19	B. HASKETT
D	ECO 2183329, UPDATE NOTE 14 FOR UV WINDOWS.	09/27/19	B. HASKETT



-1 QTY	ITEM NO	PART OR IDENTIFYING NUMBER	NOMENCLATURE OR DESCRIPTION	NOTES
PARTS LIST				
			DWN M. AVERY DATE 2/28/05	
			ENGR M. AVERY 2/28/05	
			QA	
			APVD	
			SIZE D	
			DRAWING NO 2506491	REV D
			SCALE 4/1	SHEET 1 OF 4

- UNLESS OTHERWISE SPECIFIED
- DIMENSIONS ARE IN INCHES[MILLIMETERS]
- TOLERANCES: ANGLES ± 1°
- 3 PLACE DECIMALS ±.005[0.127]
- 2 PLACE DECIMALS ±.01[0.254]
- REMOVE ALL BURRS AND SHARP EDGES
- CONCENTRICITY MACHINED DIAMETERS .010 FIM
- ~~DIMENSIONAL LIMITS APPLY BEFORE PROCESSES~~
- PARENTHEetical INFO FOR REF ONLY

HOLE TOLERANCE	THRU	THRU	THRU
.013 ±.004	.126 ±.005	.251 ±.006	
.125 ±.001	.250 ±.001	.500 ±.001	
.501 ±.008	.751 ±.010	1.001 ±.012	
.750 ±.001	1.000 ±.001	2.000 ±.001	



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

