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DWG NO

2516207

SH 1

1

NOTES: UNLESS OTHERWISE SPECIFIED:

- 1 SUBSTRATE EDGE PERPENDICULARITY TOLERANCE APPLIES TO ENTIRE SURFACE
- 2 DIE PARALLELISM TOLERANCE APPLIES TO DMD ACTIVE ARRAY ONLY
- 3 ROTATION ANGLE OF DMD ACTIVE ARRAY IS A REFINEMENT OF THE LOCATION TOLERANCE AND HAS A MAXIMUM ALLOWED VALUE OF 0.8 DEGREES
- 4 SUBSTRATE SYMBOLIZATION PAD, AND PLATING AT BOTTOM OF DATUMS B AND C HOLES TO BE ELECTRICALLY CONNECTED TO VSS PLANE WITHIN THE SUBSTRATE
- 5 BOUNDARY MIRRORS SURROUNDING THE DMD ACTIVE AREA
- 6 MAXIMUM ENCAPSULANT PROFILE SHOWN
- 7 ENCAPSULANT ALLOWED ON THE SURFACE OF THE CERAMIC IN THE AREA SHOWN IN VIEW B (SHEET 2). ENCAPSULANT SHALL NOT EXCEED 0.200 THICKNESS MAXIMUM.
- 8 SUBSTRATES PLATED WITH Ni/Au SHALL HAVE THE THREE-DIGIT NUMERICAL MARKING IN THE AREA TO THE LEFT OF THE SYMBOLIZATION PAD. SUBSTRATES PLATED WITH Ni/Pd/Au SHALL HAVE THE MARKING IN THE AREA TO THE RIGHT OF THE SYMBOLIZATION PAD.

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REVISIONS

REV	DESCRIPTION	DATE	APPROVED
A	ECO 2174192, INITIAL RELEASE	05/11/2018	F. ARMSTRONG

J - SHT. 4
F - SHT. 4F - SHT. 4
J - SHT. 4

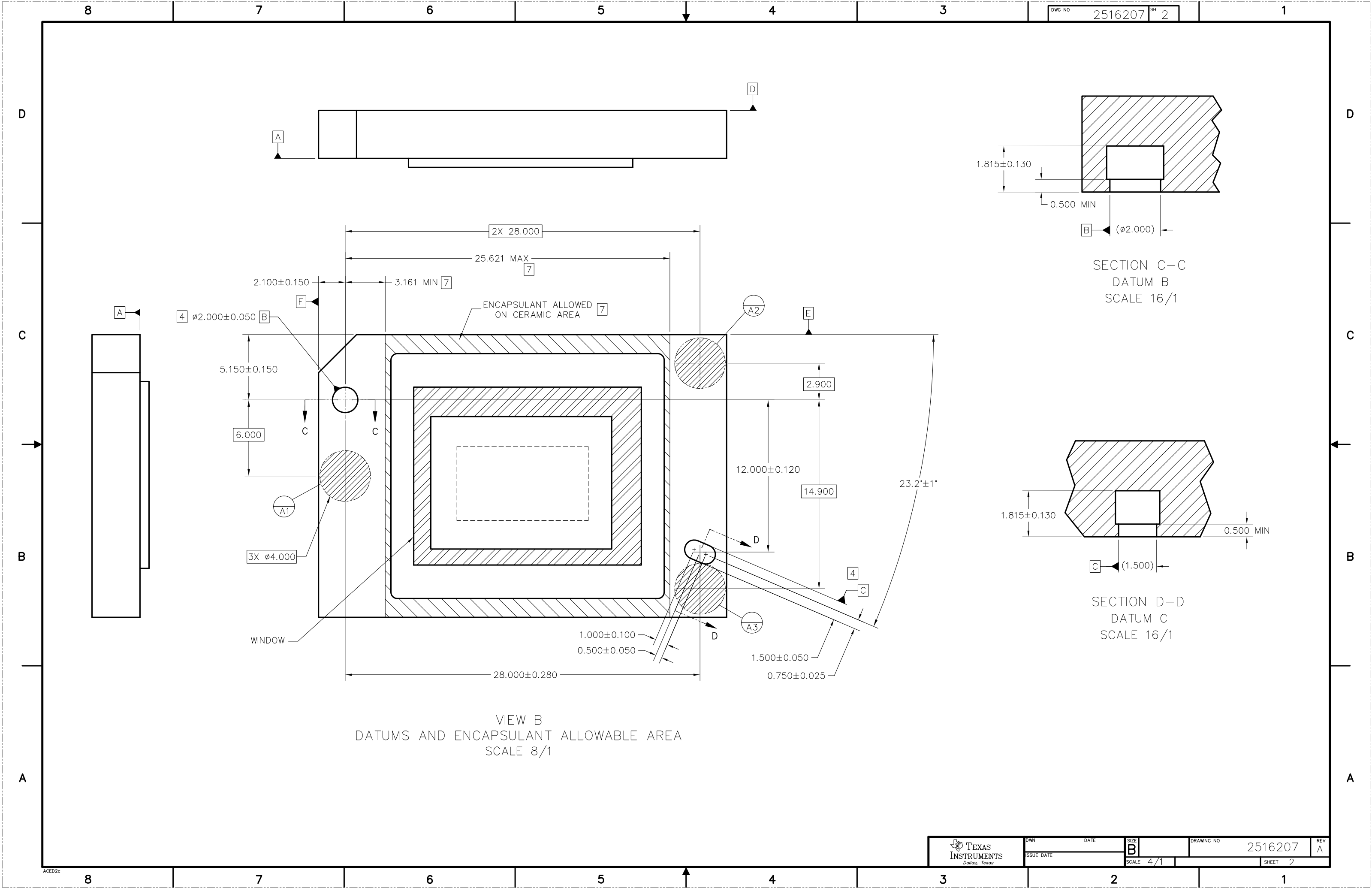
OFF STATE LIGHT

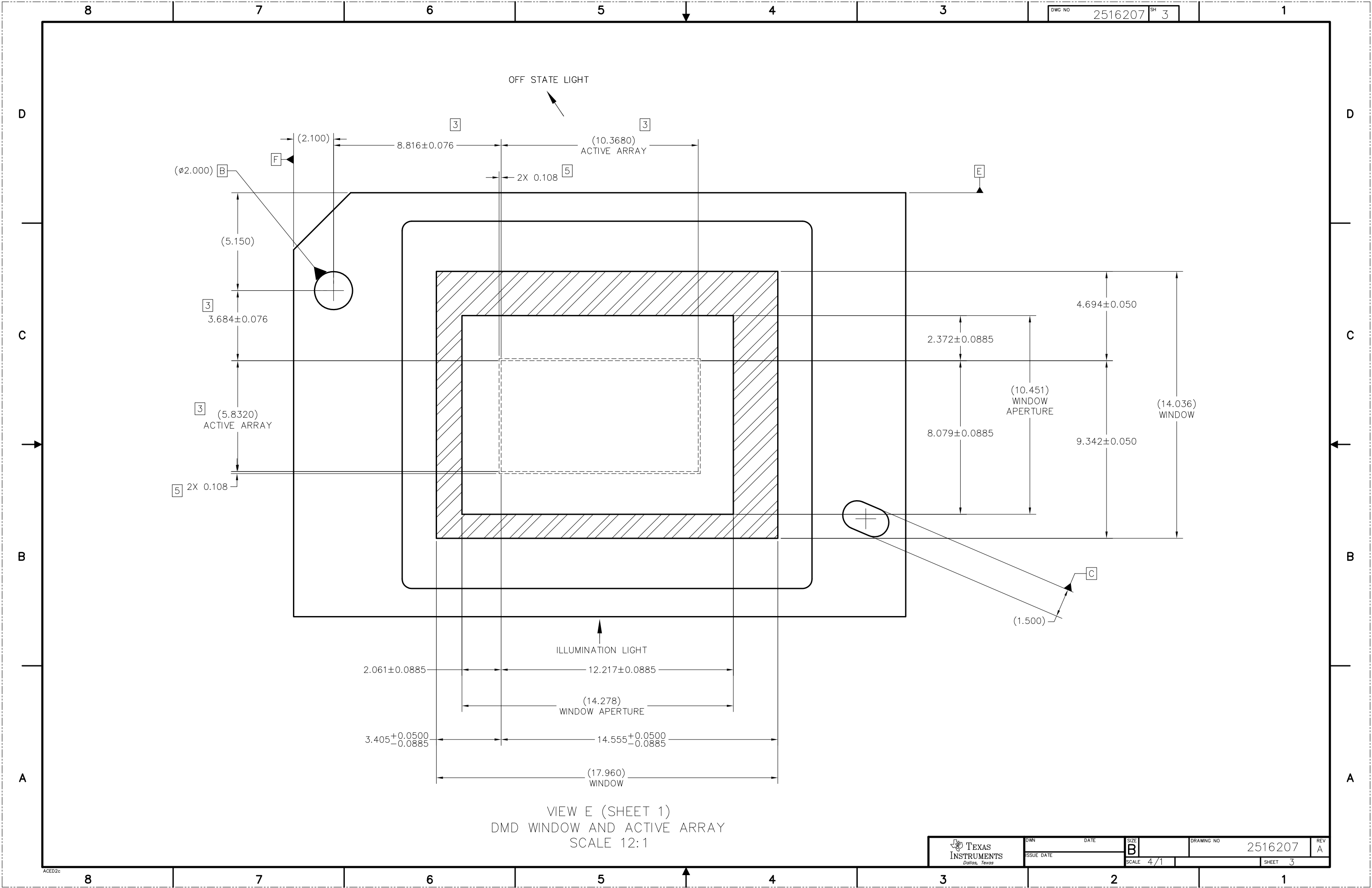
SEE VIEW E (SHEET 3)
FOR WINDOW AND ACTIVE
ARRAY DIMENSIONS

ILLUMINATION LIGHT

SECTION A-A
SCALE 20/1

QTY	ITEM NO	PART OR IDENTIFYING NUMBER	NOMENCLATURE OR DESCRIPTION	NOTES
PARTS LIST				
DWN	F. ARMSTRONG	DATE	05/11/2018	
ENGR	F. ARMSTRONG	DATE	05/11/2018	
QA	P. KONRAD	DATE	05/11/2018	
CQE	M. DORAK	DATE	05/11/2018	
NONE		0314DA		
NEXT ASSY		USED ON		
APPLICATION				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES: ANGLES ± 1° 2 PLACE DECIMALS ±0.25 3 PLACE DECIMALS ±0.50 REMOVE ALL BURRS AND SHARP EDGES INTERPRET DIMENSIONS IN ACCORDANCE WITH ASME Y14.5-1994 DIMENSIONAL LIMITS APPLY BEFORE PROCESSES PARENTHEICAL INFO FOR REF ONLY		TEXAS INSTRUMENTS Dallas, Texas		
		ICD, MECHANICAL, DMD .47" UHD MTRP 2xLVDS HB C SERIES 410 (FXJ PACKAGE)		
		SIZE	B	REV A
		SCALE	4/1	SHEET 1 OF 4





VIEW E (SHEET 1)
DMD WINDOW AND ACTIVE ARRAY
SCALE 12:1

