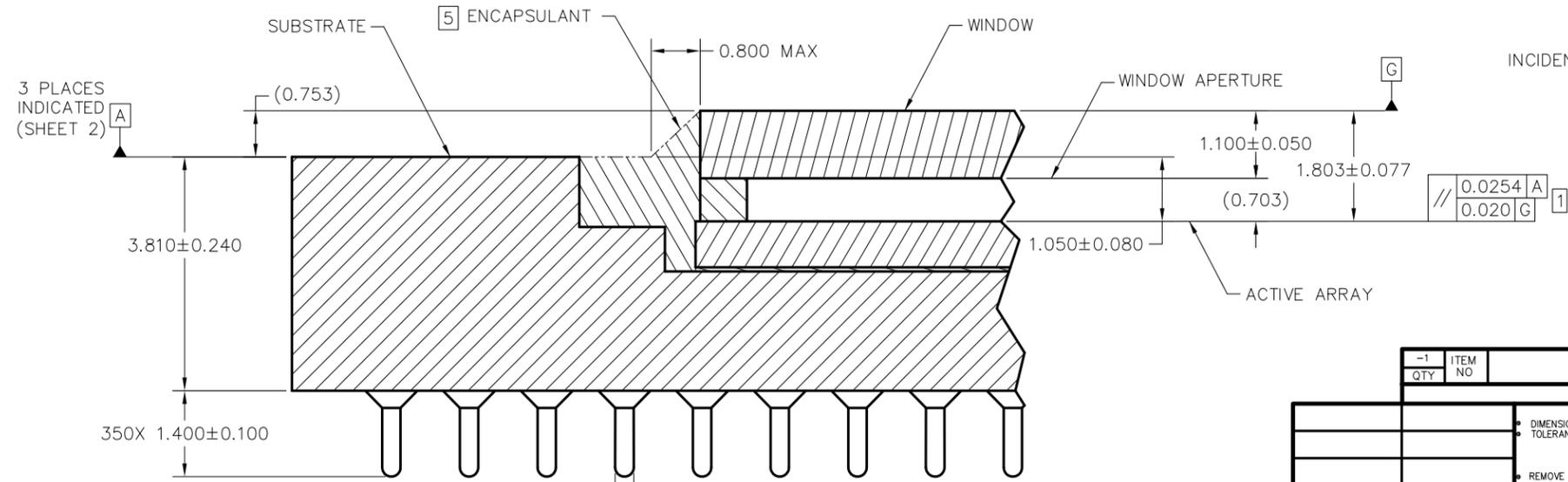
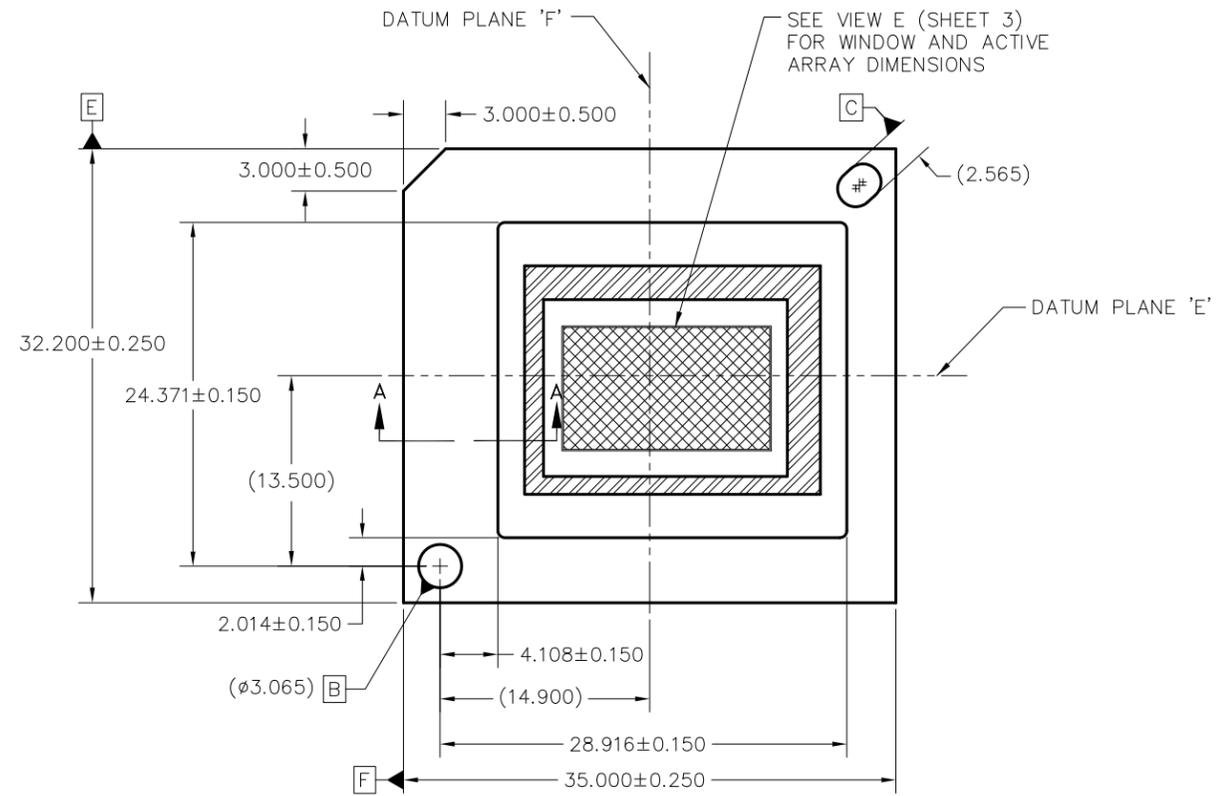
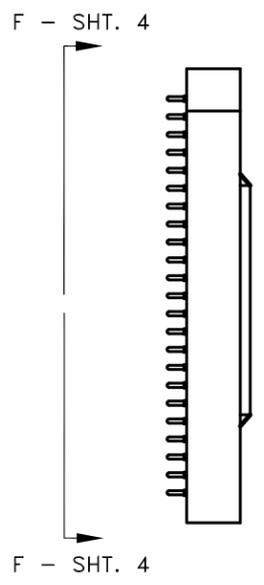
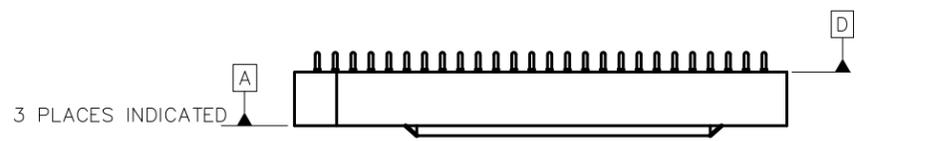


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	ECO 2181188, INITIAL RELEASE	05/07/2019	F. ARMSTRONG

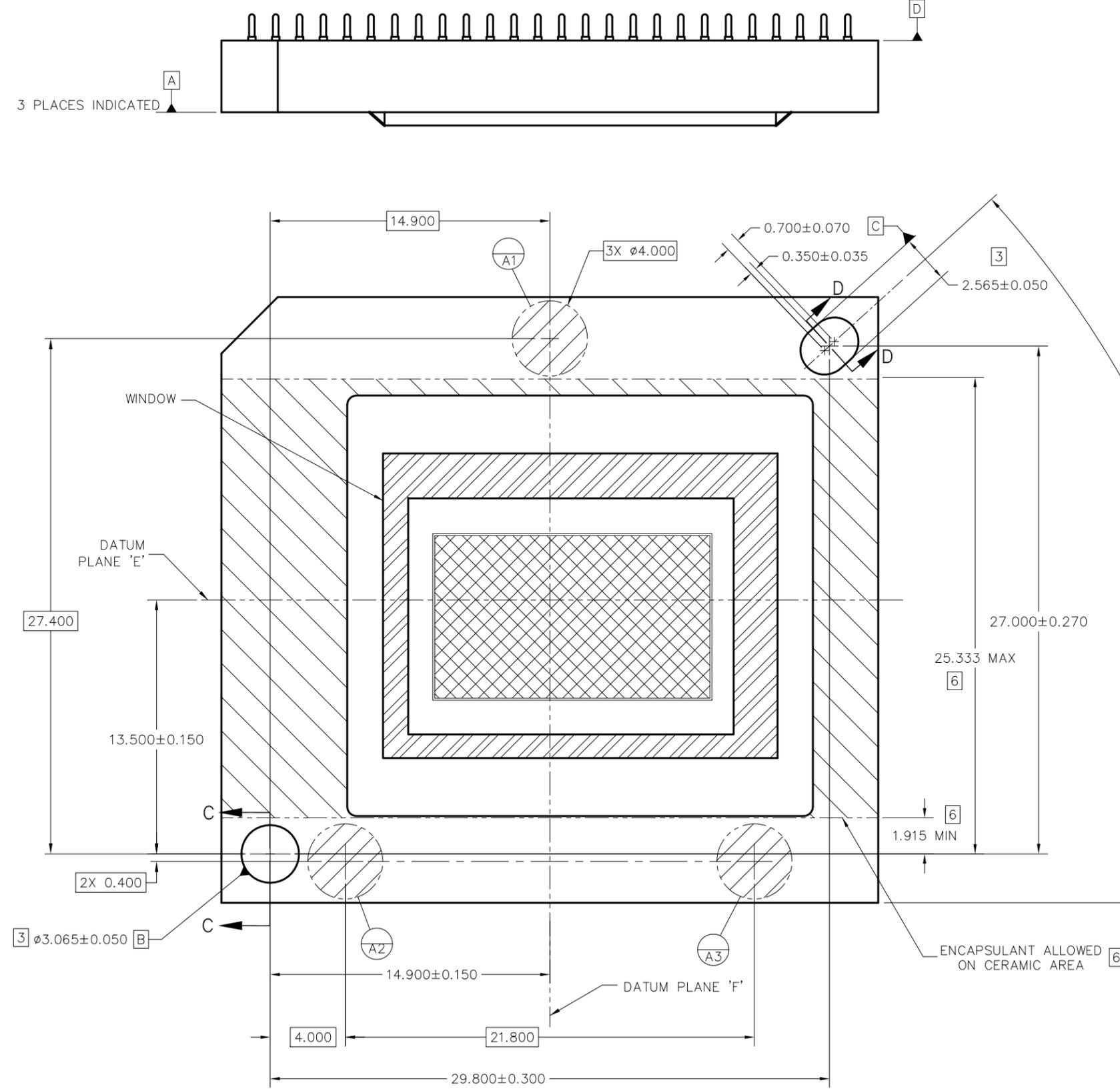
NOTES: UNLESS OTHERWISE SPECIFIED:

- 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 0.8 DEGREES
- 3 SUBSTRATE SYMBOLIZATION PAD AND PLATING AT BOTTOM OF DATUMS B AND C HOLES ARE ELECTRICALLY CONNECTED TO VSS PLANE WITHIN THE SUBSTRATE
- 4 BOUNDARY MIRRORS SURROUNDING THE DMD ACTIVE AREA
- 5 MAXIMUM ENCAPSULANT PROFILE SHOWN
- 6 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.
- 7 SUBSTRATES PLATED WITH Ni/Au SHALL HAVE THE THREE-DIGIT NUMERICAL MARKING IN THE AREA ABOVE THE SYMBOLIZATION PAD. SUBSTRATES PLATED WITH Ni/Pd/Au SHALL HAVE THE MARKING IN THE AREA BELOW THE SYMBOLIZATION PAD.

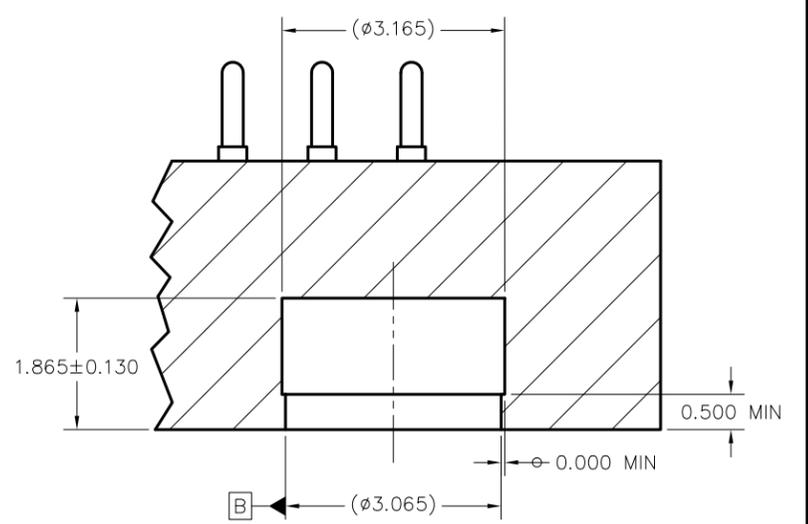


SECTION A-A
SCALE 20/1

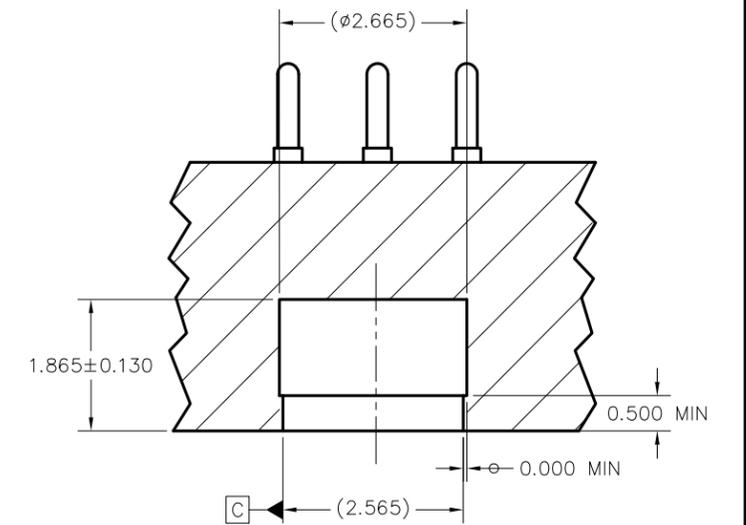
-1	ITEM	PART OR IDENTIFYING NUMBER	NOMENCLATURE OR DESCRIPTION	NOTES
QTY	NO			
PARTS LIST				
	DWN	F. ARMSTRONG	DATE 05/07/2019	
	ENGR	F. ARMSTRONG	05/07/2019	
	QA	P. KONRAD	05/14/2019	
	COE	M. DORAK	05/14/2019	
THIRD ANGLE PROJECTION		NONE	0314DA	
		NEXT ASSY	USED ON	
		APPLICATION		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES: ANGLES ± 1° 2 PLACE DECIMALS ±0.25 3 PLACE DECIMALS ±0.50			TEXAS INSTRUMENTS Dallas, Texas ICD, MECHANICAL, DMD .67 HB MTRP 2XLVDS SERIES 610 (FYR PACKAGE)	
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			SIZE D	REV A
			SCALE 4/1	SHEET 1 OF 4



VIEW B
DATUMS AND ENCAPSULANT ALLOWABLE AREA
SCALE 8/1

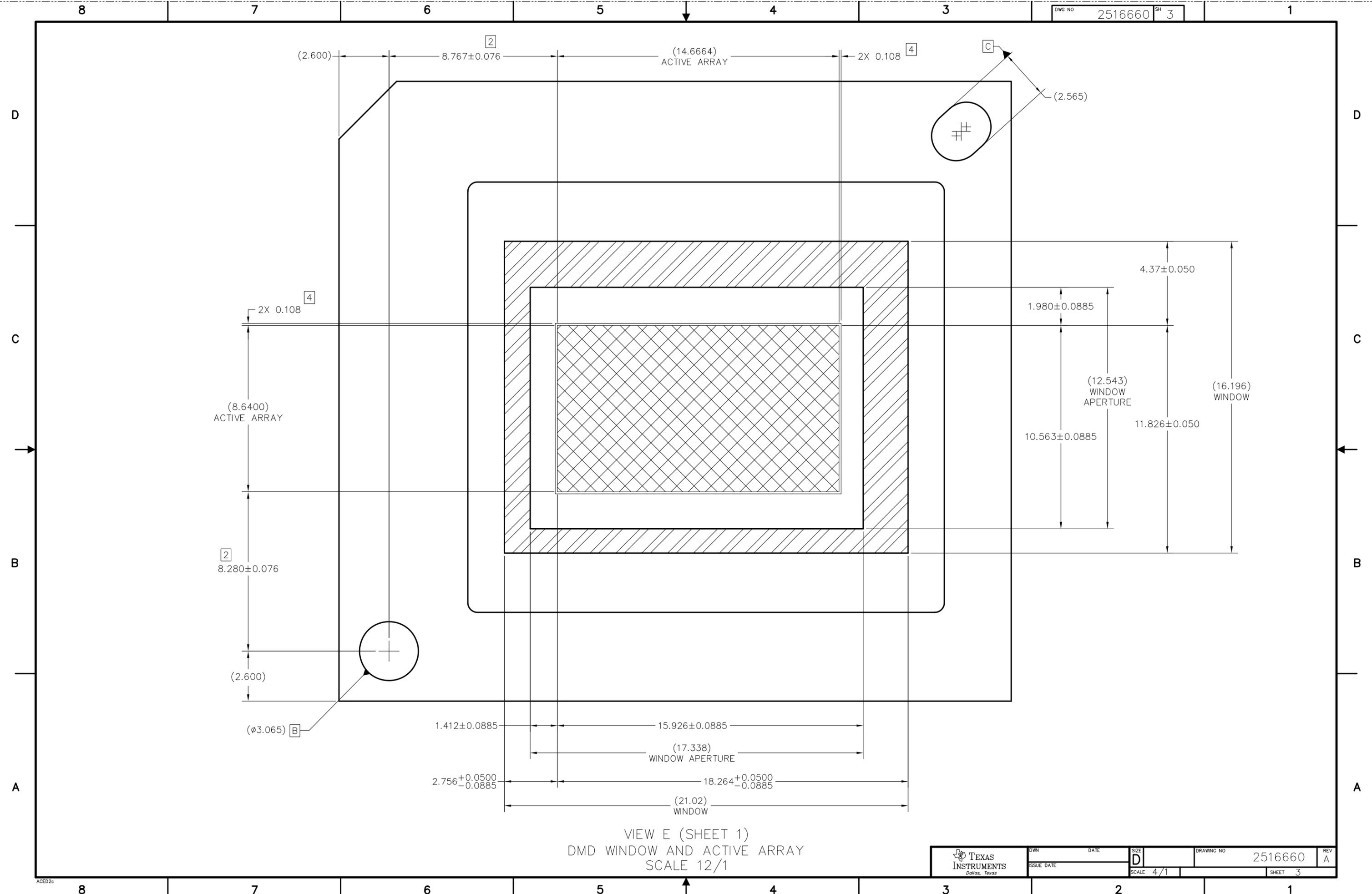


SECTION C-C
DATUM B
SCALE 16/1



SECTION D-D
DATUM C
SCALE 16/1

42.18°±1.00°



(2.600)

8.767±0.076

(14.6664) ACTIVE ARRAY

2X 0.108

(2.565)

2X 0.108

(8.6400) ACTIVE ARRAY

4.37±0.050

1.980±0.0885

(12.543) WINDOW APERTURE

10.563±0.0885

11.826±0.050

(16.196) WINDOW

8.280±0.076

(2.600)

(∅3.065)

1.412±0.0885

15.926±0.0885

(17.338) WINDOW APERTURE

2.756^{+0.0500}/_{-0.0885}

18.264^{+0.0500}/_{-0.0885}

(21.02) WINDOW

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

D

C

B

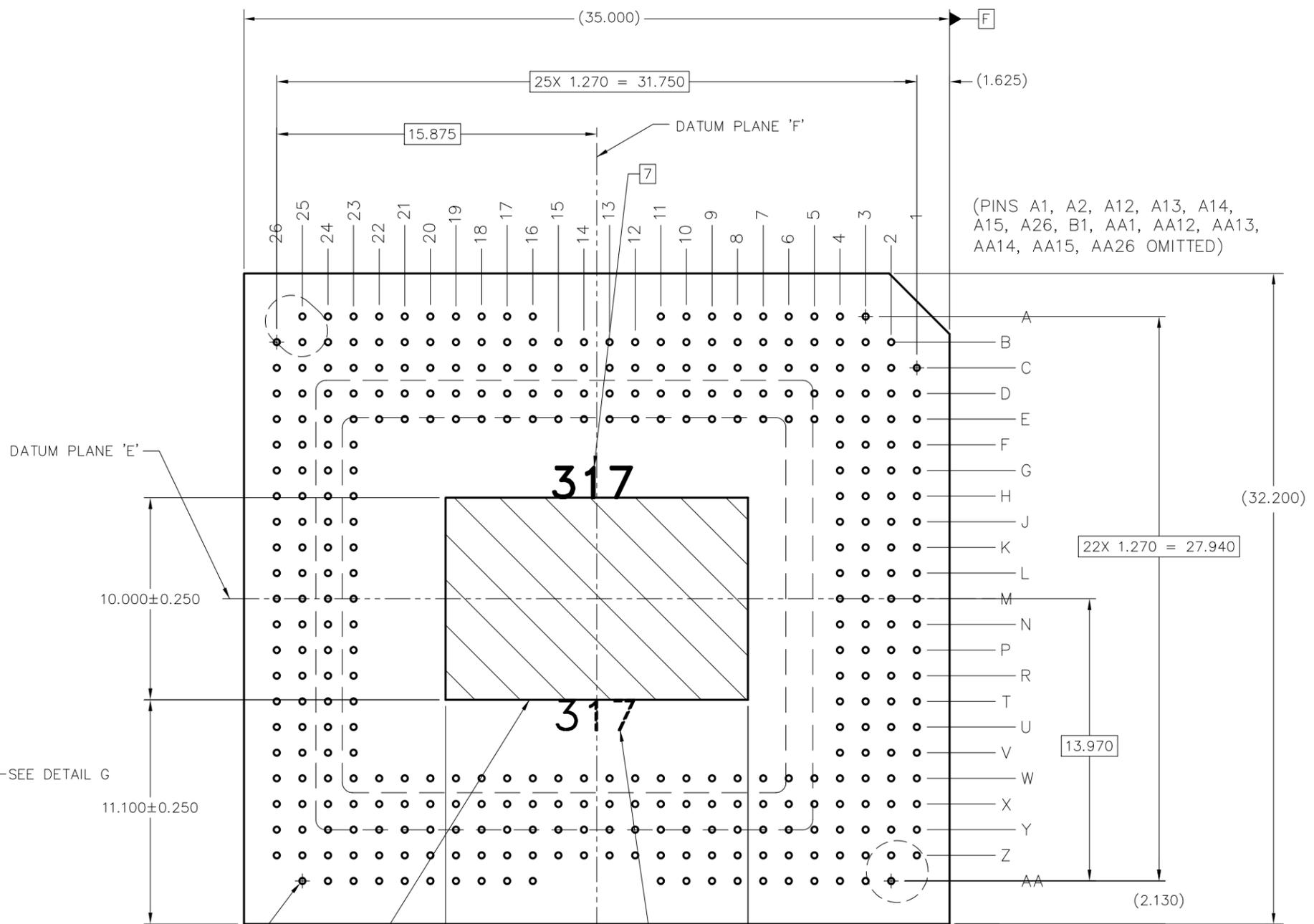
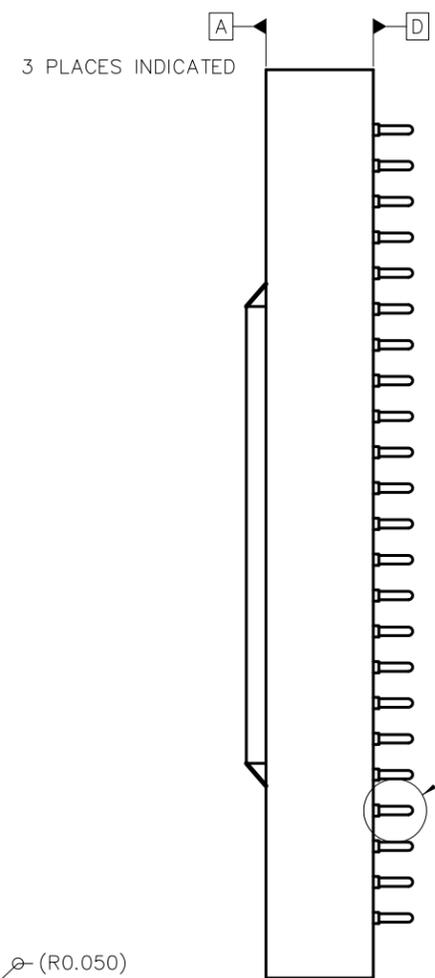
A

D

C

B

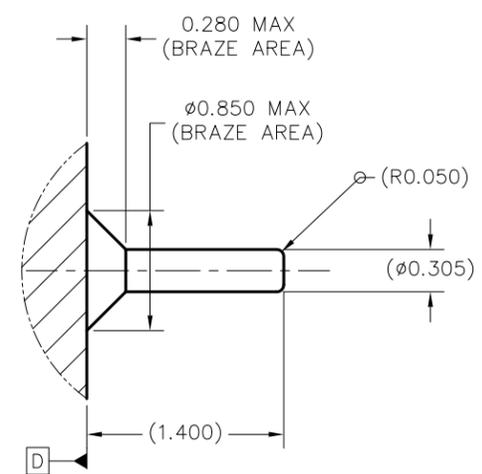
A



350X $\phi 0.305^{+0.050}_{-0.025}$ PINS

$\phi 0.500$	D	E	F
$\phi 0.250$	D		

3 SYMBOLIZATION PAD



DETAIL G (350 PLACES)
PIN & BRAZE DIMENSIONS
SCALE 40/1

VIEW F-F (SHEET 1)
PINS AND SYMBOLIZATION PAD
SCALE 8/1