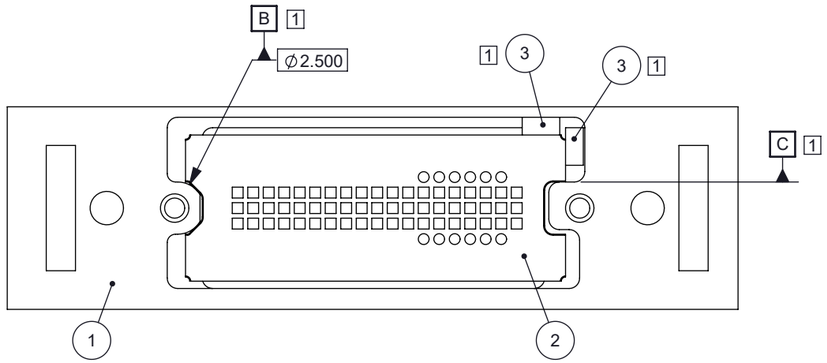
DWG NO 2516621 SH 1

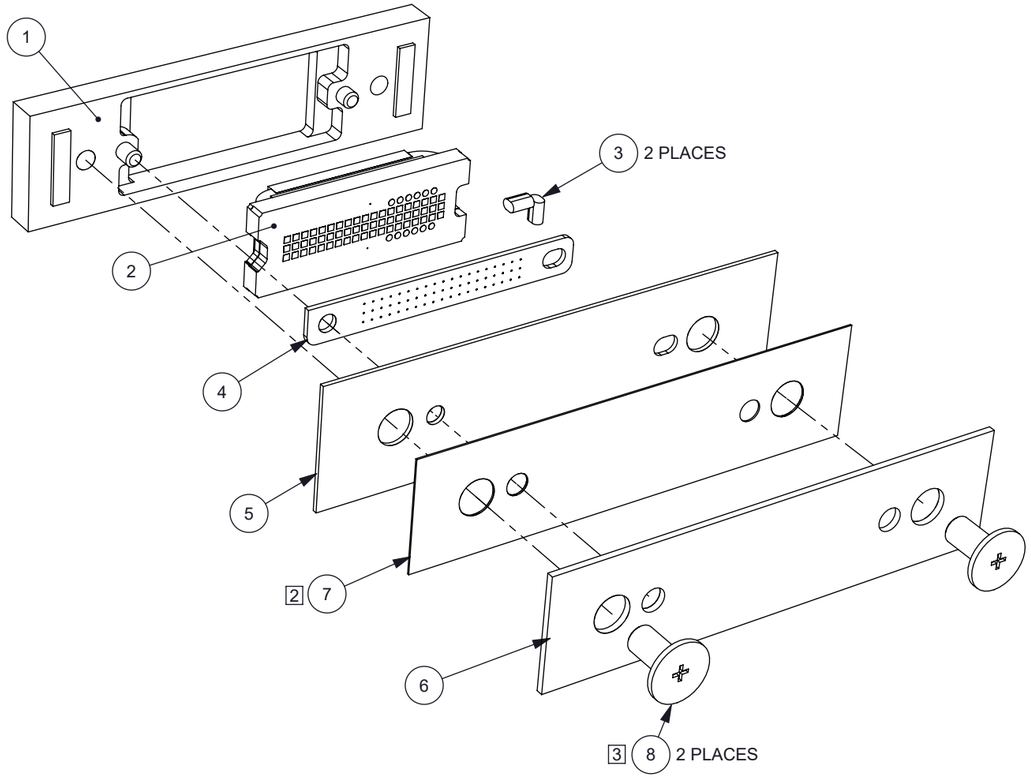
REVISIONS			
REV	DESCRIPTION	DATE	BY
A	INITIAL RELEASE	3/29/2019	JTM

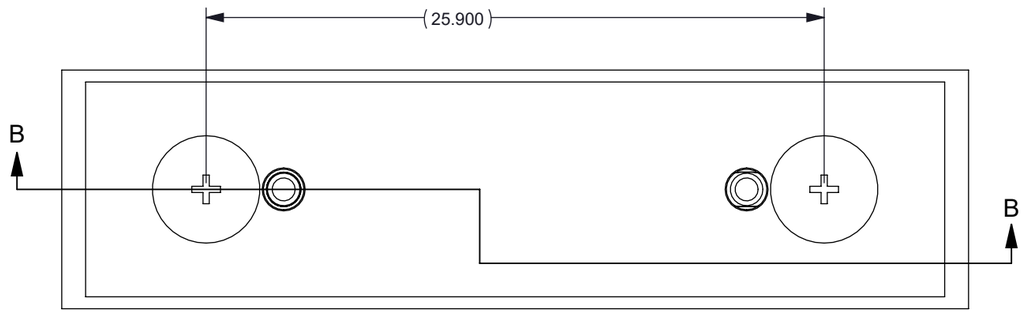
NOTES: UNLESS OTHERWISE SPECIFIED:

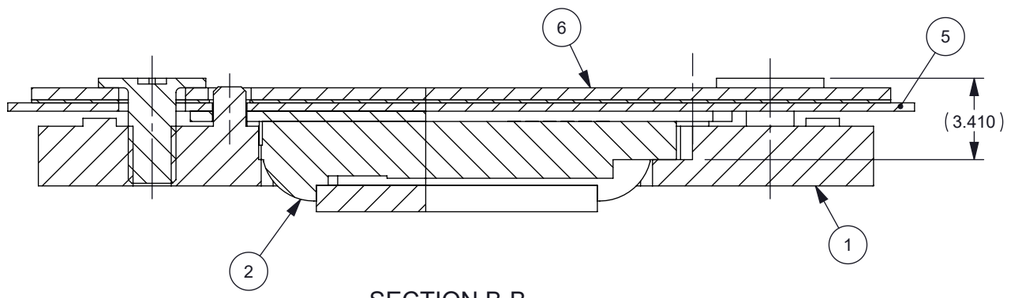
1. THE DMD SHOULD BE ALIGNED TO DATUMS 'B' AND 'C' AS SHOWN IN VIEW A. THE ELASTOMERIC WEDGES (ITEM 3) ARE TO BE INSERTED BETWEEN THE DMD EDGES AND THE OPTICAL INTERFACE AT THE APPROXIMATE LOCATIONS SHOWN. THE FUNCTION OF THE ELASTOMERIC WEDGES IS TO HOLD THE DMD AGAINST DATUMS 'B' AND 'C' AFTER IT HAS BEEN MANUALLY POSITIONED. THIS HOLDS THE DMD IN POSITION WHILE THE REMAINING ASSEMBLY IS COMPLETED
2. THE PURPOSE OF THE INSULATOR (ITEM 7) IS TO ISOLATE THE PCB FROM THE METAL CLAMP.
3. WHEN TIGHTENING SCREWS BE SURE CLAMPING FORCES DO NOT EXCEED THE MAXIMUM LOADS SPECIFIED IN THE DMD DATA SHEET. CARE SHOULD BE TAKEN SO THE CLAMPING FORCES FROM MULTIPLE SCREWS ARE APPLIED UNIFORMLY.



VIEW A







SECTION B-B

QTY	ITEM	PART NUMBER	DESCRIPTION	Notes
2	8	2516216	M2 SCREW, LOW HEIGHT HEAD	
1	7	2516625	INSULATOR, SERIES 245 PCB, LOW HEIGHT	
1	6	2516623	CLAMP, SERIES 245 LOW HEIGHT MOUNTING	
1	5	2516624	PCB OUTLINE, SERIES 245, LOW HEIGHT	
1	4	2516242	INTERPOSER, 57 CONTACT, LOW-HEIGHT HOLE DATUM	
2	3	2512939	SHIM, FOAM ALIGNMENT (ELASTOMERIC WEDGE)	
1	2	DMD	DMD, SERIES 245	
1	1	2516622	INTERFACE, SERIES 245 LOW HEIGHT MOUNTING	

BOM Table

THIRD ANGLE PROJECTION

N/A	0314RD
NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
- DIMENSIONS ARE IN MILLIMETERS
- TOLERANCES: ANGLES ±1°
  2 PLACE DECIMALS ±0.25
  1 PLACE DECIMALS ±0.50
- DIMENSIONAL LIMITS APPLY BEFORE PROCESSES
- INTERPRET DIMENSIONS IN ACCORDANCE WITH ASME Y14.5M-1994
- REMOVE ALL BURRS AND SHARP EDGES
- PARENTHETICAL INFO FOR REF ONLY

DWN J. McKINLEY DATE 3/26/2019
Engr
CQE/QA
CM
Apprvd McKINLEY 3/29/2019

TEXAS INSTRUMENTS

ASSEMBLY, SERIES 245 DMD LOW HEIGHT MOUNTING CONCEPT

SIZE B | DWG NO 2516621 | REV A
SCALE 2:1 | SHEET 1 OF 2

SW-2012a

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