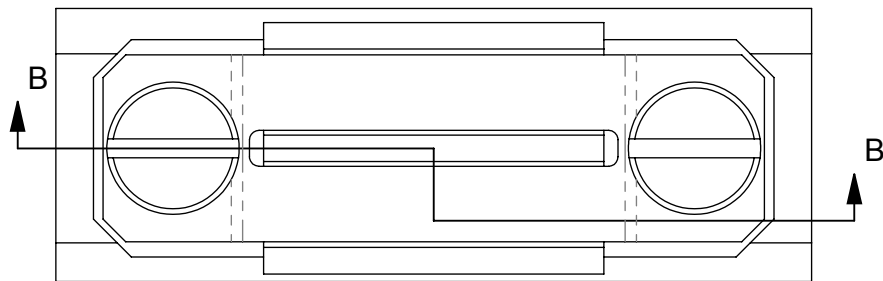
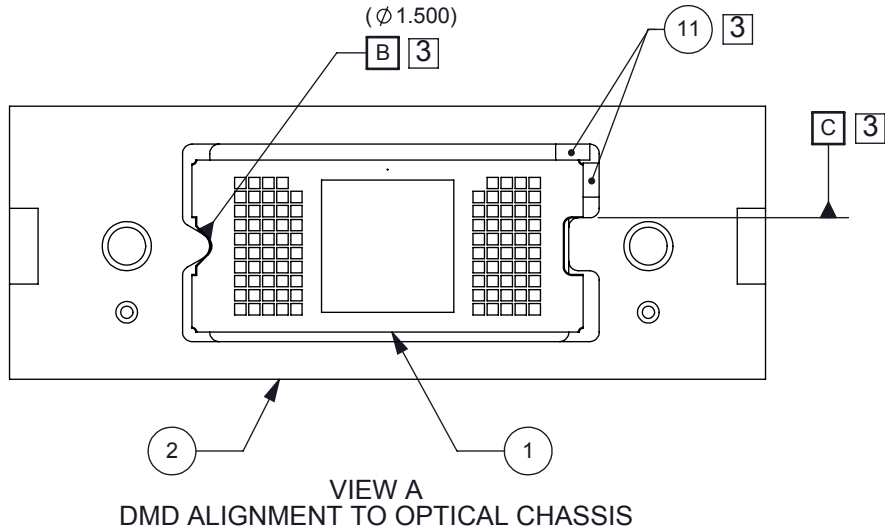
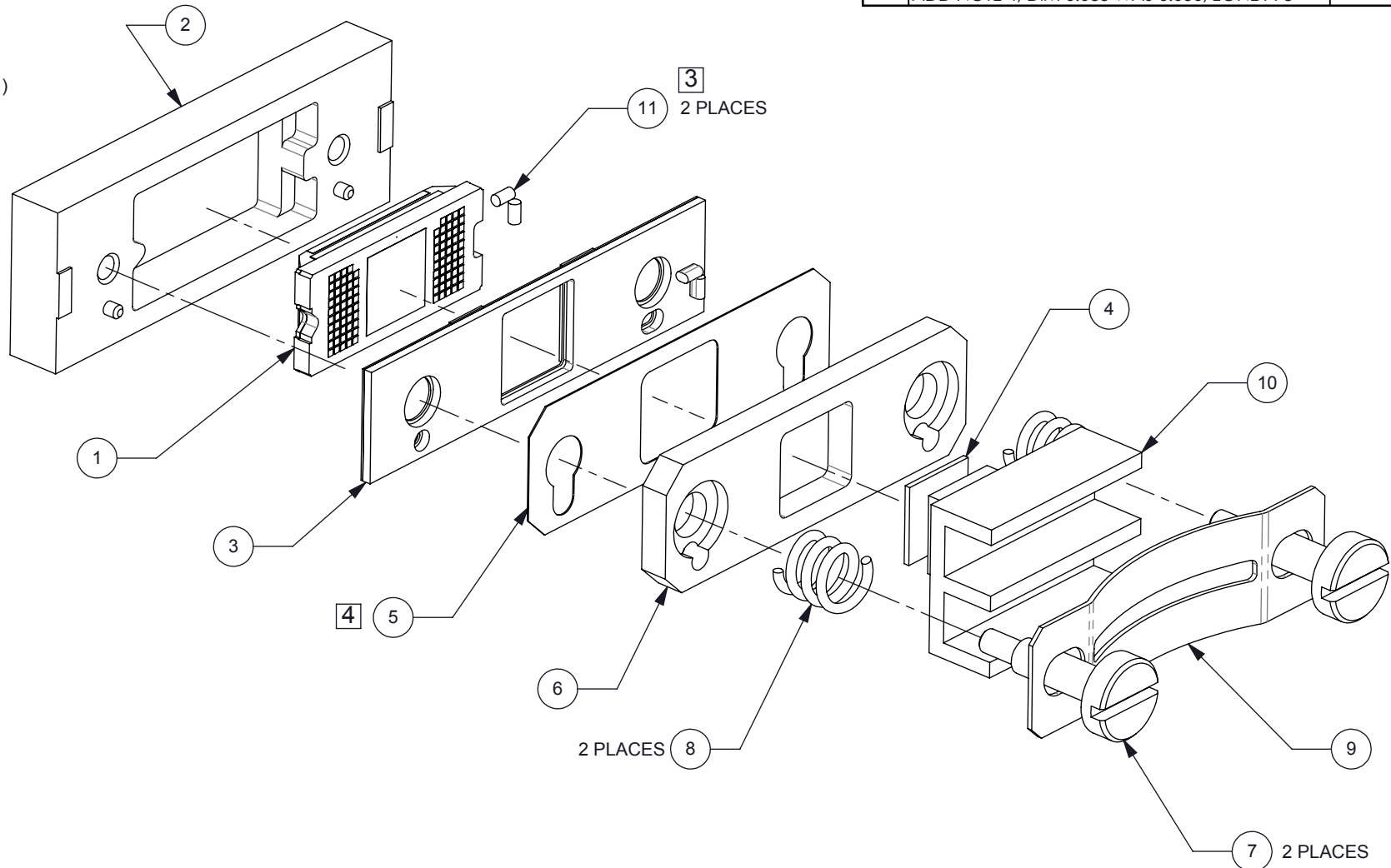


NOTES: UNLESS OTHERWISE SPECIFIED:

- 1 CRITICAL GAP FOR COMPRESSION SPRING (COIL) DESIGN FOR LOADS ON THE DMD ELECTRICAL INTERFACE AREA. SPECIFIC VALUE WILL VARY DEPENDING ON PART TOLERANCES AND SPRING PROPERTIES
- 2 CRITICAL GAP FOR FLAT SPRING DESIGN TO CONTROL LOADS ON THE DMD THERMAL INTERFACE AREA. SPECIFIC VALUE WILL VARY DEPENDING ON PART TOLERANCES AND SPRING PROPERTIES
- 3 THE DMD SHOULD BE ALIGNED TO DATUMS 'B' AND 'C' AS SHOWN IN VIEW A. THE ELASTOMERIC WEDGES (ITEM 11) 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.
- 4 ITEM 5 IS NEEDED WHEN USING A PCB TO ISOLATE THE PCB FROM THE METAL CLAMP, BUT NOT WHEN A FLEX WITH A STIFFENER IS USED.




SECTION B-B  
SCALE 2.5 : 1



2	11	2512939	WEDGE, ELASTOMERIC (SHIM, DATUM ALIGNMENT)	
1	10	2511350	HEAT SINK, SERIES 310, CONCEPT #2	
1	9	2510984	SPRING, FLAT	
2	8	LC032C 03S (LEE SPRING)	SPRING, COMPRESSION	
2	7	2511351	SHOULDER SCREW, M2 X 0.4 X 9.17	
1	6	2513120	CLAMP, CONCEPT #3	
1	5	2513121	INSULATOR, CONCEPT #3	4
1	4	2511139	THERMAL PAD	
1	3	2513117 OR 2513119	ASSEMBLY, FLEX CIRCUIT, DMD, CONCEPT #3 OR ASSEMBLY, DMD PCB, CONCEPT #3	
1	2	2513114	INTERFACE, OPTICAL CHASSIS CONCEPT #3, SERIES 310 DMD	
1	1	DMD	SERIES 310 DMD	
QTY	ITEM	PART NUMBER	DESCRIPTION	Notes

BOM Table

UNLESS OTHERWISE SPECIFIED • DIMENSIONS ARE IN MILLIMETERS • TOLERANCES: ANGLES $\pm 1^\circ$ 2 PLACE DECIMALS $\pm 0.25$ 1 PLACE DECIMALS $\pm 0.50$ • 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 HOLAMON Engr	DATE 2/19/2013	TEXAS INSTRUMENTS		REV B
		CQE/QA				
		CM		SIZE B	DWG NO 2513122	
		Apprvd		SCALE 1:1	SHEET 1 OF 2	
NEXT ASSY 0314RD USED ON APPLICATION		ASSEMBLY, SERIES 310 DMD MOUNTING CONCEPT #3				

8	7	6	5	4	3	DWG NO 2513122	SH 2	1		
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									C	
									B	
									A	
8	7	6	5	4	3	2	1			
SW-2012a						<div><div> TEXAS INSTRUMENTS</div><div>DWN HOLAMON</div></div>	<div>DATE 2/19/2013</div>	<div>SIZE B</div>	<div>DRAWING NO 2513122</div>	<div>REV B</div>
						SCALE 2:1		SHEET 2 OF 2		