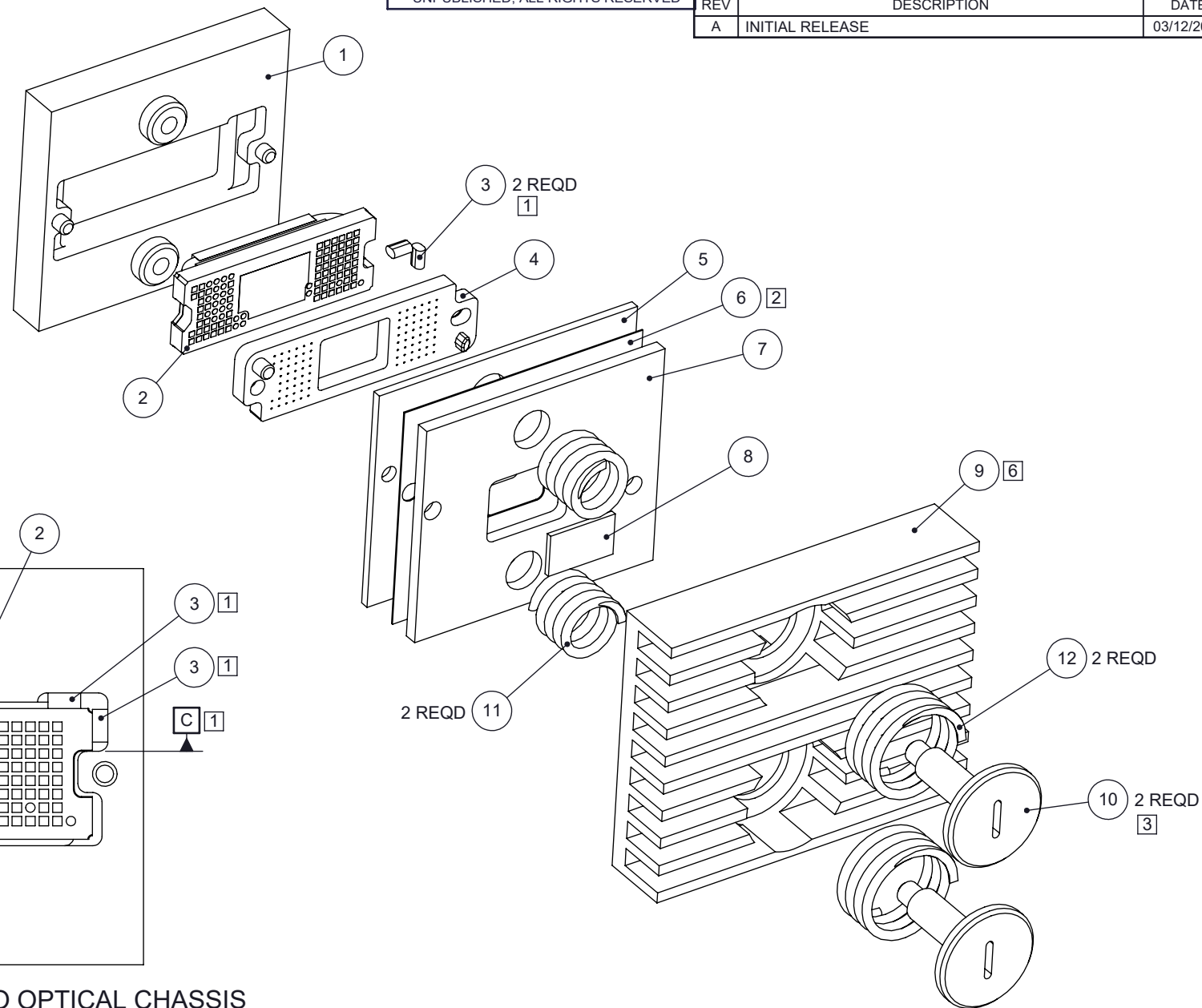
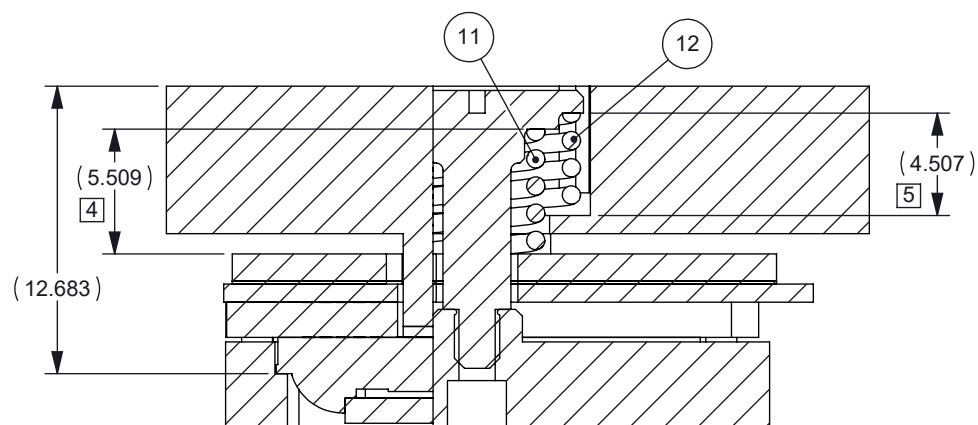
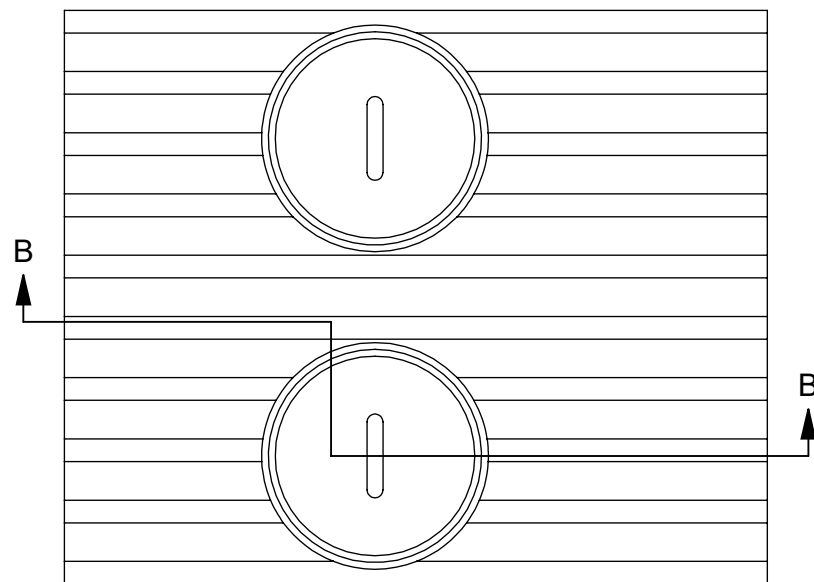


6 THE HEAT SINK REPRESENTS THE MOUNTING FEATURES BUT DOES NOT NECESSARILY REPRESENT A COOLING SOLUTION FOR THE DMD IN ALL CASES. THERMAL ANALYSIS SHOULD BE DONE TO DETERMINE THE HEAT-SINK/HEAT-EXCHANGER SIZE NEEDED TO MEET THE DMD THERMAL SPECIFICATIONS.

REV	DESCRIPTION	DATE	BY
A	INITIAL RELEASE	03/12/2021	JTM







### VIEW A - DMD ALIGNMENT TO OPTICAL CHASSIS



SECTION B-B

2	12	LEESPRING LC032E0S	COIL SPRING, THERMAL	
2	11	LEESPRING LCM080C03M	COIL SPRING, ELECTRICAL	
2	10	2517507	SCREW, SHOULDER	
1	9	2517506	HEAT SINK, SERIES 318	
1	8	2515014	THERMAL PAD	
1	7	2517503	CLAMP, SERIES 318	
1	6	2517505	INSULATOR, PCB, SERIES 318	
1	5	2517504	PCB, OUTLINE SERIES 318	
1	4	2515010	INTERPOSER, 92 CONTACT, HOLE DATUM	
2	3	2512939	SHIM, FOAM ALIGNMENT	
1	2		DMD, SERIES 318	
1	1	2517502	INTERFACE, SERIES 318 DMD MOUNTING	
QTY	ITEM	PART NUMBER	DESCRIPTION	Notes

		<p><b>UNLESS OTHERWISE SPECIFIED</b></p> <ul style="list-style-type: none"> <li>● DIMENSIONS ARE IN MILLIMETERS</li> <li>● TOLERANCES: ANGLES <math>\pm 1^\circ</math> 2 PLACE DECIMALS <math>\pm 0.25</math> 1 PLACE DECIMALS <math>\pm 0.50</math></li> <li>● DIMENSIONAL LIMITS APPLY BEFORE PROCESSES</li> <li>● INTERPRET DIMENSIONS IN ACCORDANCE WITH ASME Y14.5M-1994</li> <li>● REMOVE ALL BURRS AND SHARP EDGES</li> <li>● PARENTHETICAL INFO FOR REF ONLY</li> </ul>		<p>DWN J. McKinLEY</p> <p>DATE</p>		 <p>TEXAS INSTRUMENTS</p> <p><b>ASSEMBLY, SERIES 318 MOUNTING CONCEPT</b></p>	
				Engr			
				CQE/QA			
				CM			
0314RD				SIZE B		DWG NO 2517501	REV A
NEXT ASSY	USED ON	Apprvd		SCALE 1:1		SHEET 1 OF 2	
APPLICATION							

8	7	6	5	4	3	DWG NO 2517501	SH 2	1																																																												
D	<div>TECHNICAL INFORMATION USAGE</div> <div>BEFORE USING TECHNICAL INFORMATION, THE USER SHOULD CAREFULLY READ THE FOLLOWING TERMS.</div> <div>The term "Technical Information" includes reference designs, drawings, specifications, and other information relating to TI DLP(R) products or applications contained herein or provided separately in any format or via any medium.</div> <div>TI is providing Technical Information for the convenience of purchasers of DLP(R) products ("Users"), and will not accept any responsibility or liability arising from providing the Technical Information or its use. Any use or reliance on Technical Information is strictly the responsibility of the User.</div> <div><div>1. <b>No Warranty.</b> <i>THE TECHNICAL INFORMATION IS PROVIDED "AS IS".</i> TI MAKES NO WARRANTIES OR REPRESENTATIONS, EXPRESS, IMPLIED OR STATUTORY, INCLUDING LACK OF VIRUSES, ACCURACY, OR COMPLETENESS. TI DISCLAIMS ANY WARRANTY OF TITLE, ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, QUIET ENJOYMENT, QUIET POSSESSION, AND NON-INFRINGEMENT OF ANY THIRD PARTY INTELLECTUAL PROPERTY RIGHTS WITH REGARD TO THE TECHNICAL INFORMATION OR THE USE OF THOSE MATERIALS.</div><div>2. <b>Warranty for Products Not Affected.</b> The foregoing exclusion and disclaimer of warranty does not affect or diminish any warranty rights with regard to DLP(R) products. Such rights are governed exclusively by the terms of a written and signed purchase agreement with TI.</div><div>3. <b>Limitations and Exclusion of Damages.</b> IN NO EVENT SHALL TI BE LIABLE FOR ANY ACTUAL, SPECIAL, INCIDENTAL, CONSEQUENTIAL OR INDIRECT DAMAGES, HOWEVER CAUSED, ON ANY THEORY OF LIABILITY AND WHETHER OR NOT TI HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, ARISING IN ANY WAY OUT OF THE TECHNICAL INFORMATION OR THE USE OF THE TECHNICAL INFORMATION.</div><div>4. <b>No Engineering Services.</b> User is fully responsible for all design decisions and engineering with regard to its products, including decisions relating to application of DLP(R) products. By providing Technical Information TI does not intend to offer or provide engineering services or advice concerning User's design. If User desires engineering services, then User should rely on its retained employees and consultants and/or procure engineering services from a licensed professional engineer ("LPE").</div><div>5. <b>Compliance with Export Control Laws.</b> Unless prior authorization is obtained from the U.S. Department of Commerce, User may not export, re-export, or release, directly or indirectly, any Technical Information, or export, directly or indirectly, any direct product of such Technical Information to any destination or country to which the export, re-export or release of the Technical Information or direct product is prohibited by the Export Administration Regulations of the U.S. Department of Commerce ("EAR").</div></div> <tr><td>C</td><td colspan="8"></td><td>C</td></tr> <tr><td>B</td><td colspan="8"></td><td>B</td></tr> <tr><td>A</td><td colspan="8"></td><td>A</td></tr> <tr><td>8</td><td>7</td><td>6</td><td>5</td><td>4</td><td>3</td><td><div><div> TEXAS INSTRUMENTS</div><div>DWN J. McKINLEY</div></div></td><td>DATE</td><td>SIZE B</td><td>DRAWING NO 2517501</td><td>REV A</td></tr> <tr><td colspan="6"></td><td colspan="2">SCALE 2:1</td><td colspan="2">SHEET 2 OF 2</td></tr> <tr><td>8</td><td>7</td><td>6</td><td>5</td><td>4</td><td>3</td><td>2</td><td>1</td><td></td></tr>								C									C	B									B	A									A	8	7	6	5	4	3	<div><div> TEXAS INSTRUMENTS</div><div>DWN J. McKINLEY</div></div>	DATE	SIZE B	DRAWING NO 2517501	REV A							SCALE 2:1		SHEET 2 OF 2		8	7	6	5	4	3	2	1	
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