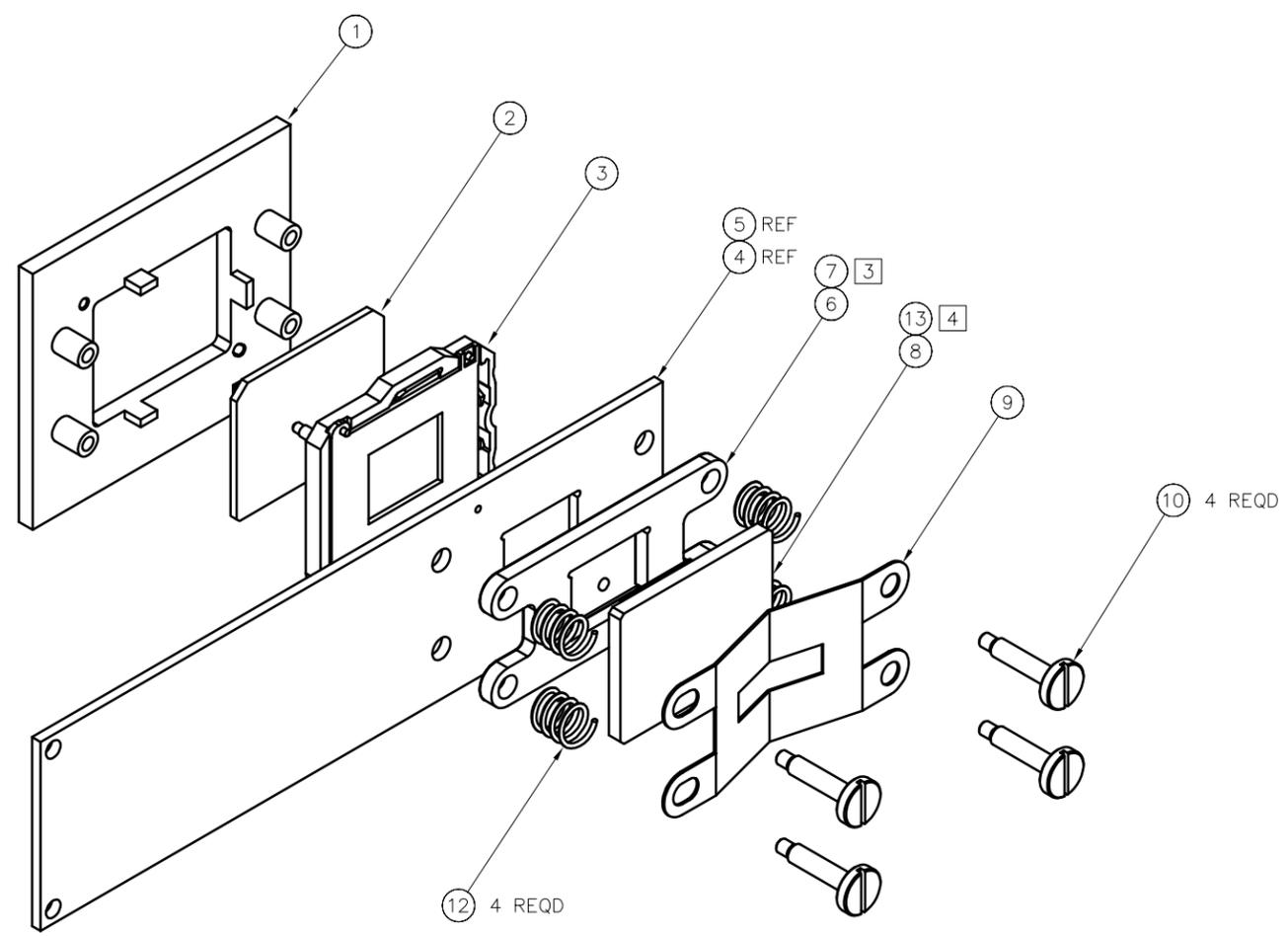


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DWG NO	2503566	SH	1
REVISIONS			
REV	DESCRIPTION	DATE	UPDATED BY
A	ECO 5244 - INITIAL RELEASE	01/09/26	DH

NOTES: UNLESS OTHERWISE SPECIFIED:

- VENDOR:  
LEE SPRING COMPANY  
1462 62ND STREET  
BROOKLYN, NY 11219  
PHONE: 800-462-0272  
WEB: <http://www.leespring.com>
- VENDOR:  
THEMAGON INCORPORATED  
4707 DETROIT AVENUE  
CLEVELAND, OHIO 44102  
PHONE: 888-426-9050  
WEB: <http://www.thermagon.com>
- APPLY KAPTON INSULATOR TO SIDE OF  
BACKER PLATE MATING TO BOARD
- APPLY THERMAL PAD TO SURFACE OF  
HEATSINK/STUD MATING TO DMD
- THE DESIGN OF THE SPRINGS (ITEMS 9 AND 12) SHOULD  
BE DONE TO ACCOMMODATE THE MOUNTING FORCES OF  
THE DMD SPECIFIED IN THE DMD DATA SHEET. EACH  
IMPLEMENTATION OF THIS REFERENCE DESIGN SHOULD BE  
VERIFIED TO ASSURE THE DMD LOAD REQUIREMENTS ARE  
MET.



DMD DESCRIPTION	DMD MECHANICAL ICD (ITEM 2)	INTERPOSER ASSEMBLY (ITEM 3)	DMD PWB INTERFACE (ITEM 4)
0.7 XGA DDR	2503606	2503000-1 OR 2503000-3	2503563
0.6 SVGA DDR	2503607	2503000-2 OR 2503000-1 OR 2503000-3	2503563
0.7 XGA LDVS	2503741	2503000-3	2503727

ITEM NO	PART OR IDENTIFYING NUMBER	NOMENCLATURE OR DESCRIPTION	NOTES
13	T-pli 220-A1-FG	THERMAL PAD, .62" x .75"	THERMAGON
12	LC-042D-06-S	SPRING, COMPRESSION	LEE
10	2503641-I	SHOULDER SCREW	
9	2503642-I	SPRING, HEATSINK	
8	2503643-I	HEATSINK / STUD, MOCK	
7	2503644-I	KAPTON INSULATOR, BACKER PLATE	
6	2503555-I	BACKER PLATE	
5	2503322-I	MOCK PWB	
4	SEE CONFIGURATION TABLE	BOARD INTERFACE	
3	SEE CONFIGURATION TABLE	INTERPOSER ASSY	
2	SEE CONFIGURATION TABLE	DMD, TYPE A	
1	2503321-I	SPRING MOUNT INTERFACE PLATE	

QTY	ITEM NO	PART OR IDENTIFYING NUMBER	NOMENCLATURE OR DESCRIPTION	NOTES
-1				

THIRD ANGLE PROJECTION	NONE	0314GP	APVD	J. ATCHISON	01/10/23
	NEXT ASSY	USED ON			
	APPLICATION				

UNLESS OTHERWISE SPECIFIED	DWN	HOLAMON	DATE	01/08/30
• DIMENSIONS ARE IN MILLIMETERS	ENGR	J. MCKINLEY	DATE	01/10/18
• TOLERANCES: ANGLES ± 1°	QA	J. KNOX	DATE	01/10/24
• 2 PLACE DECIMALS ± 0.25	T. DOTY	DATE	01/10/19	
• 1 PLACE DECIMALS ± 0.50	APVD	J. ATCHISON	DATE	01/10/23
• DIMENSIONAL LIMITS APPLY BEFORE PROCESSES				
• INTERPRET DIMENSIONS IN ACCORDANCE WITH ASME Y14.5M-1994				
• REMOVE ALL BURRS AND SHARP EDGES				
• PARENTHEetical INFO FOR REF ONLY				

TEXAS INSTRUMENTS Dallas, Texas	
MECHANICAL REFERENCE ASSY TYPE A DMD COIL SPRING MOUNT METHOD	
SIZE	D
DRAWING NO	2503566
REV	A
SCALE	1/1
SHEET	1 OF 2

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