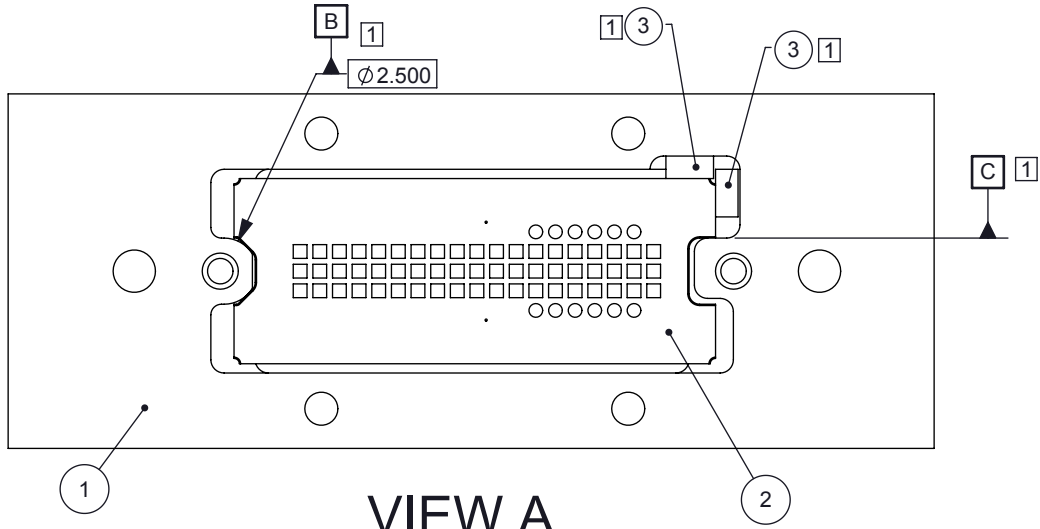
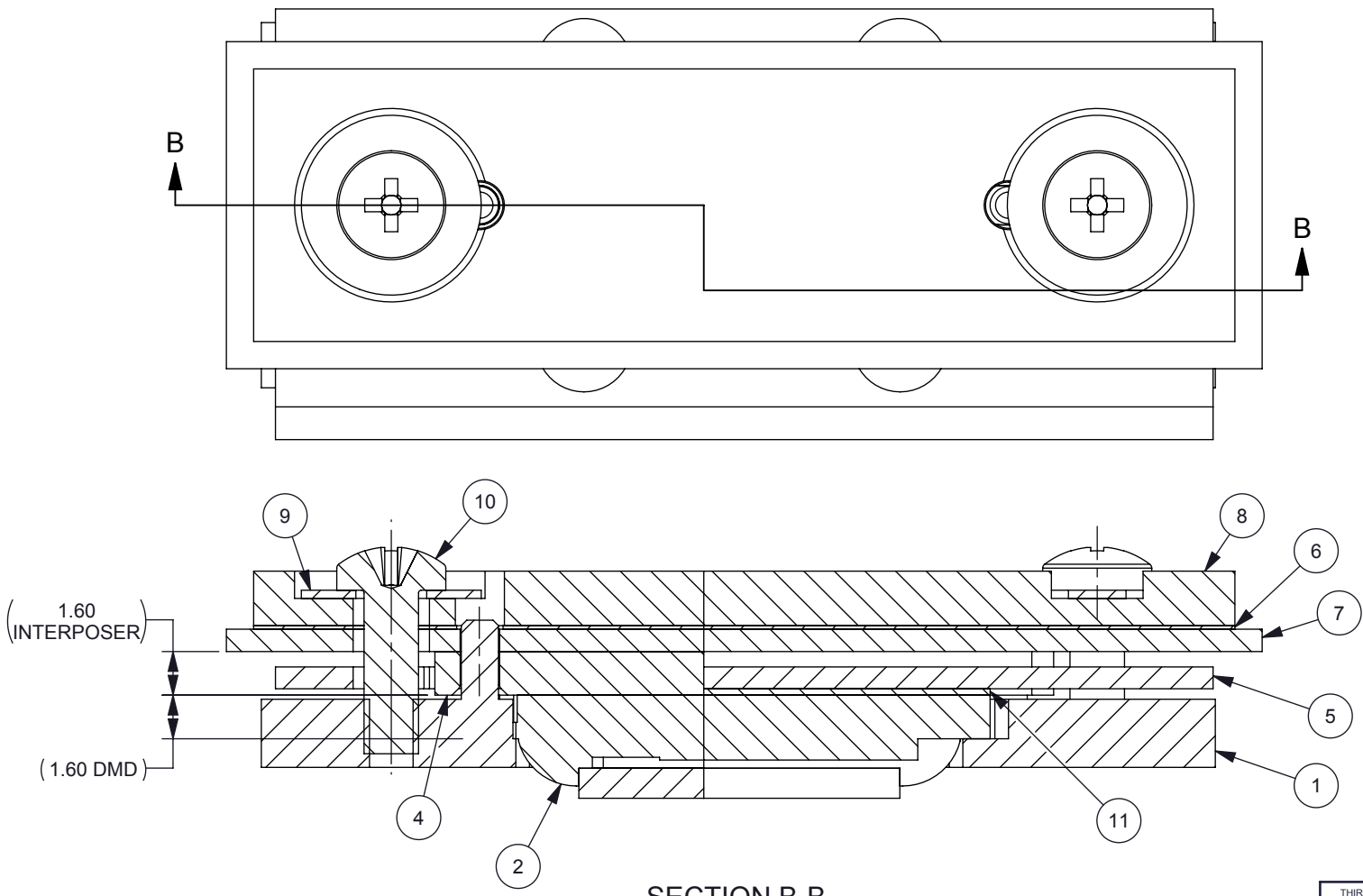
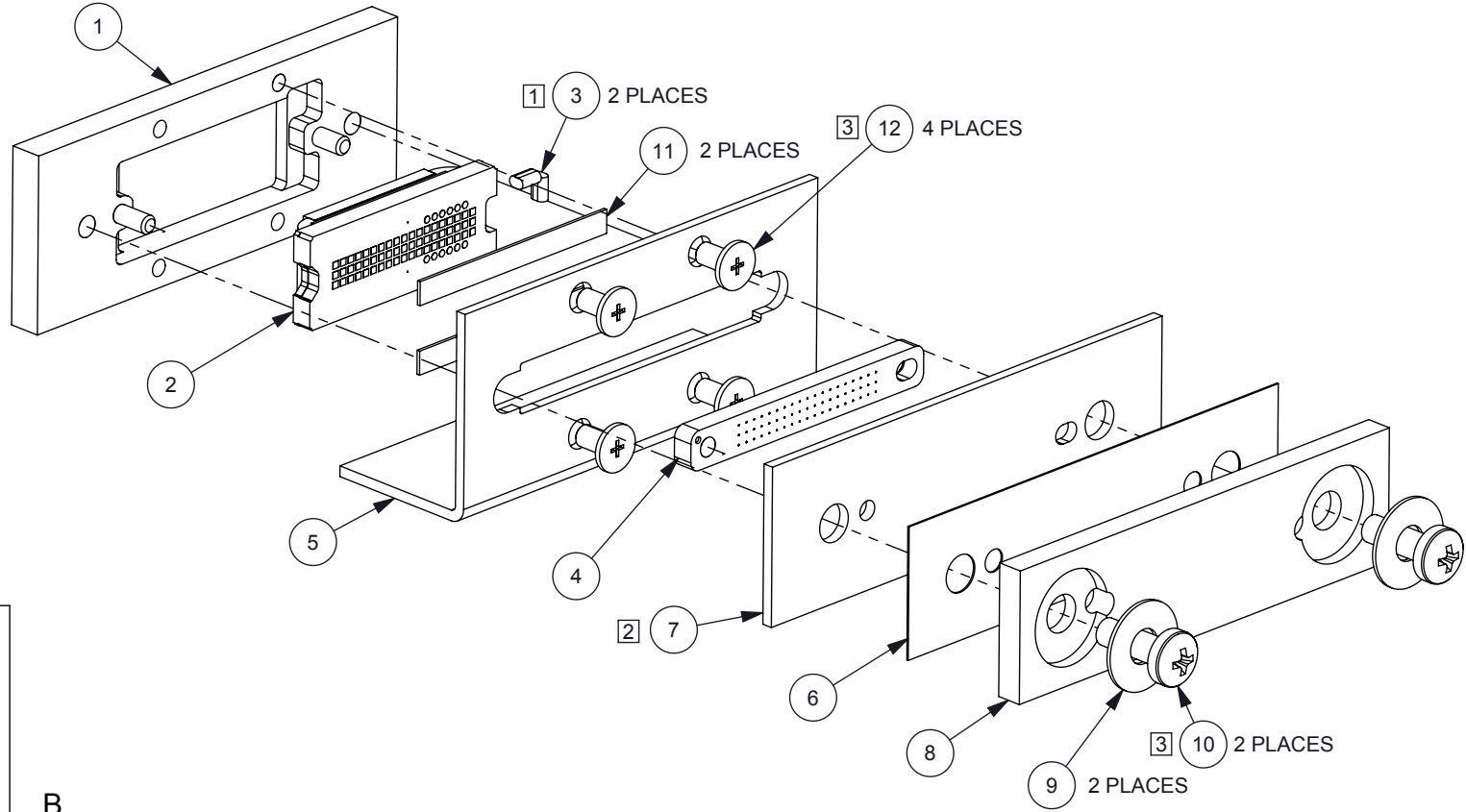


NOTES: UNLESS OTHERWISE SPECIFIED:

- [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] WHEN USING A PCB USE ITEM 7 TO ISOLATE THE PCB FROM THE METAL CLAMP. THE INSULATOR (ITEM 7) IS NOT NEEDED WHEN USING A FLEX WHICH HAS A STIFFENER
- [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



4	12	2513241	SCREW, LOW HEIGHT HEAD	
2	11	2513233	PAD, THERMAL, SERIES 245 #1	
2	10	ISO 7045 - M2 x 6 - Z --- 6N	SCREW, PAN HEAD	
2	9	2513254	WASHER, LARGE DIAMETER M2	
1	8	2513234	CLAMP, SERIES 245 MOUNTING	
1	7	2513238 OR 2513235	PCB OUTLINE, SERIES 245 OR FLEX ASSEMBLY OUTLINE, SERIES 245	
1	6	2513239	INSULATOR, SERIES 245 PCB	2
1	5	2513272	BRACKET, HEAT SPREADER, SERIES 245, CONCEPT #3	
1	4	2513240 OR 2513242	INTERPOSER, 57 CONTACT, HOLE DATUM OR INTERPOSER, 57 CONTACT, NOTCH DATUM	
2	3	2512939	SHIM, FOAM ALIGNMENT (ELASTOMERIC WEDGE)	
1	2	DMD	DMD, SERIES 245	
1	1	2513271	INTERFACE, SERIES 245 MOUNTING CONCEPT #3	
QTY	ITEM	PART NUMBER	DESCRIPTION	Notes

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

Engr

CQE/QA

CM

Apprvd
McKinley

DATE
6/20/2013

6/20/2013

TEXAS
INSTRUMENTS

ASSEMBLY, SERIES 245 DMD
MOUNTING CONCEPT #3

SIZE
B

DWG NO
2513270

REV
A

SCALE 2:1

SHEET 1 OF 2

D

C

B

A

D

C

B

A

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