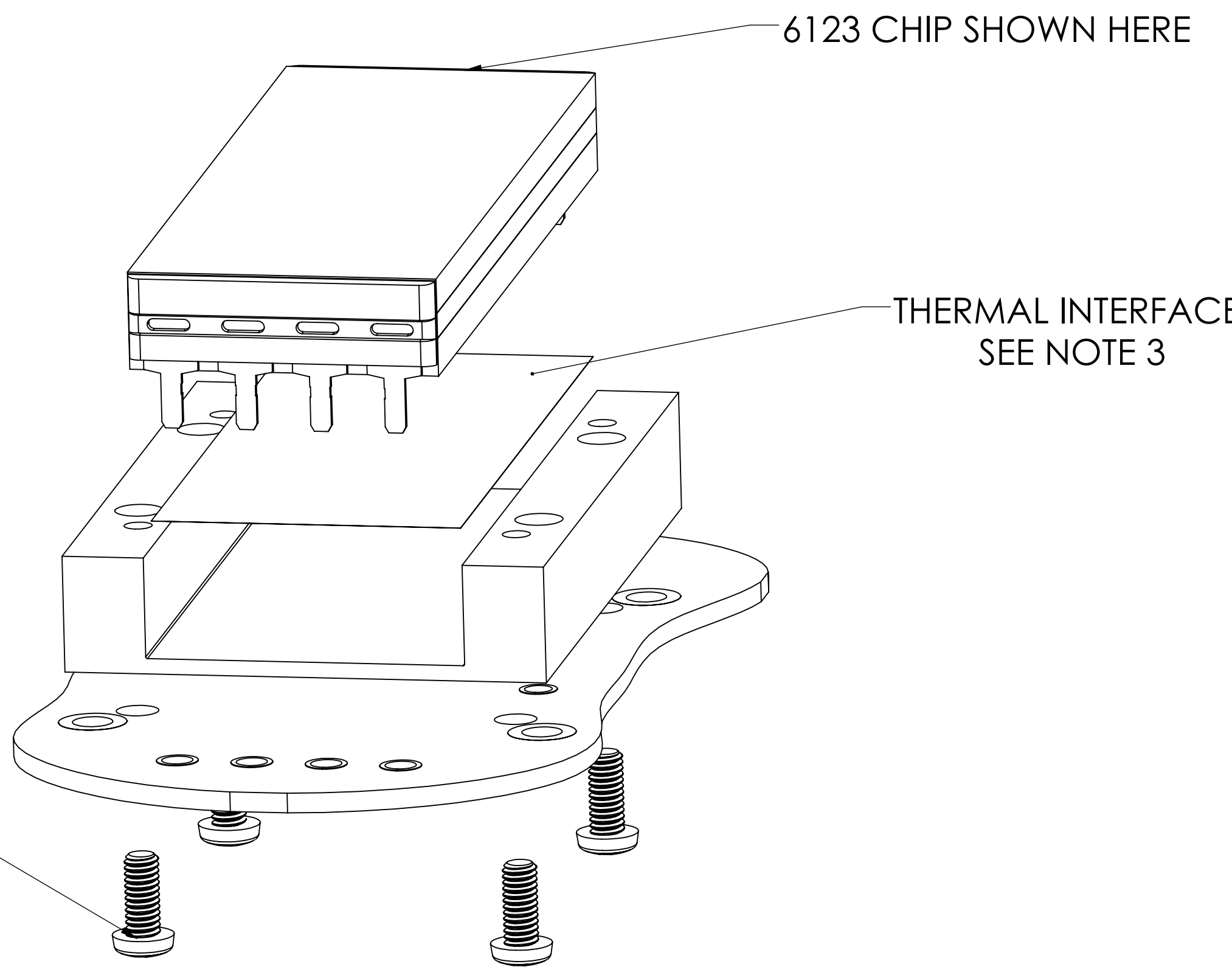
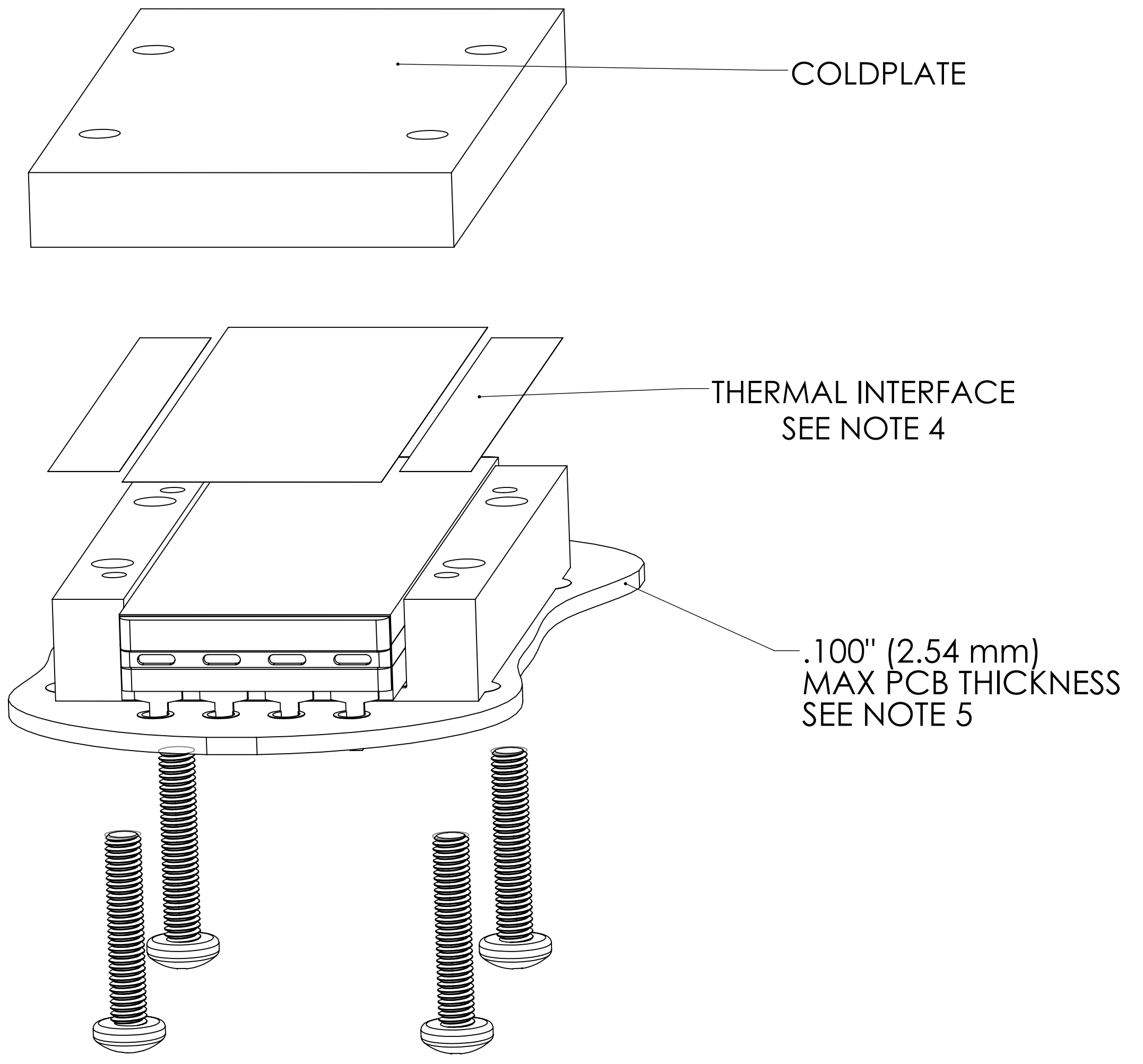


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REV.	DESCRIPTION	INTL	DATE	APVD
1	RELEASED PER E180379	US	05/30/18	RLT



**BOTTOM HEAT SPREADER APPLICATION
 SEE NOTE 3**



**TOP COLDPLATE APPLICATION
 SEE NOTE 4**

NOTES:

- 1) FOR PCB LAYOUT SEE VICOR APPLICATION DRAWING 47520
- 2) ROHS COMPLIANT PER CST-0001 LATEST REVISION.
- 3) VICOR THERMAL INTERFACE MATERIAL 40325 (PARKER CHOMERICS GEL8010) IS RECOMMENDED. APPLY A UNIFORM .003" (.076MM) LAYER OF TIM TO THE BOTTOM SURFACE OF THE CHIP, OR TO THE MATING (INTERNAL) HEATSPREADER SURFACE. PLACE HEATSPREADER AND CHIP ON PCB. INSTALL TWO (3623) OR FOUR (4623, 6123) M2.5 SCREWS (PN 40578) AS SHOWN. TORQUE SCREWS TO 6 IN-LBS. MASK OVER HOLES FOR COLDPLATE SCREWS PRIOR TO WAVE SOLDERING CHIP PINS.
- 4) APPLY A UNIFORM .003" (.076MM) LAYER OF TIM TO THE TOP SURFACE OF BOTH HEATSPREADER SIDE WALLS. ADDITIONAL TIM WILL BE REQUIRED TO COMPLETELY FILL THE GAP BETWEEN CHIP AND COLDPLATE. FOLLOW COLDPLATE VENDOR'S INSTALLATION INSTRUCTIONS, OR ATTACH COLDPLATE WITH TWO (3623) OR FOUR (4623, 6123) SCREWS THROUGH THE PCB AND HEATSPREADER. M3 X 16MM SCREWS SHOWN FOR ILLUSTRATION ONLY (MCMMASTER PN 92000A126)
- 5.) TO ENSURE ADEQUATE PIN LENGTH THROUGH THE PCB, MAX PCB THICKNESS IS .100" (2.54mm)

DRAWN BY David Koffi	DATE 03/27/2018		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE: INCH / (MM)		APP DWG, HEATSPREADER INSTALLATION, 3623, 4623, 6123	
TOLERANCES ARE: ANGLES DECIMALS: X.XX (X.X) = +0.01 (0.25) ±1° X.XXX (X.XX) = ±0.005 (0.127)			
THIRD ANGLE PROJECTION 	SCALE 3:1	SIZE D	CAGE CODE 67131
		DWG NO 47352	REV 1
		SHEET 1 OF 1	