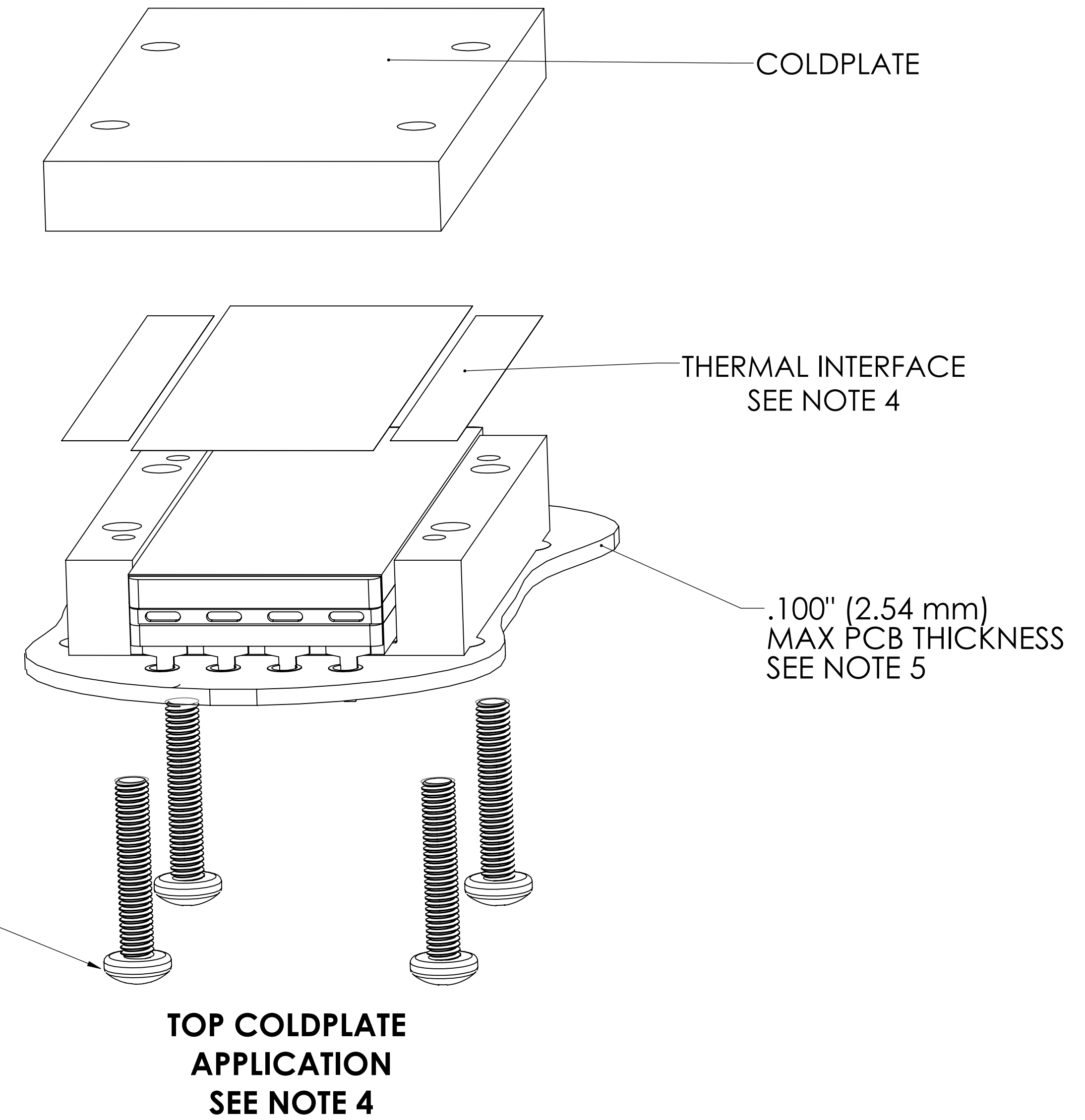
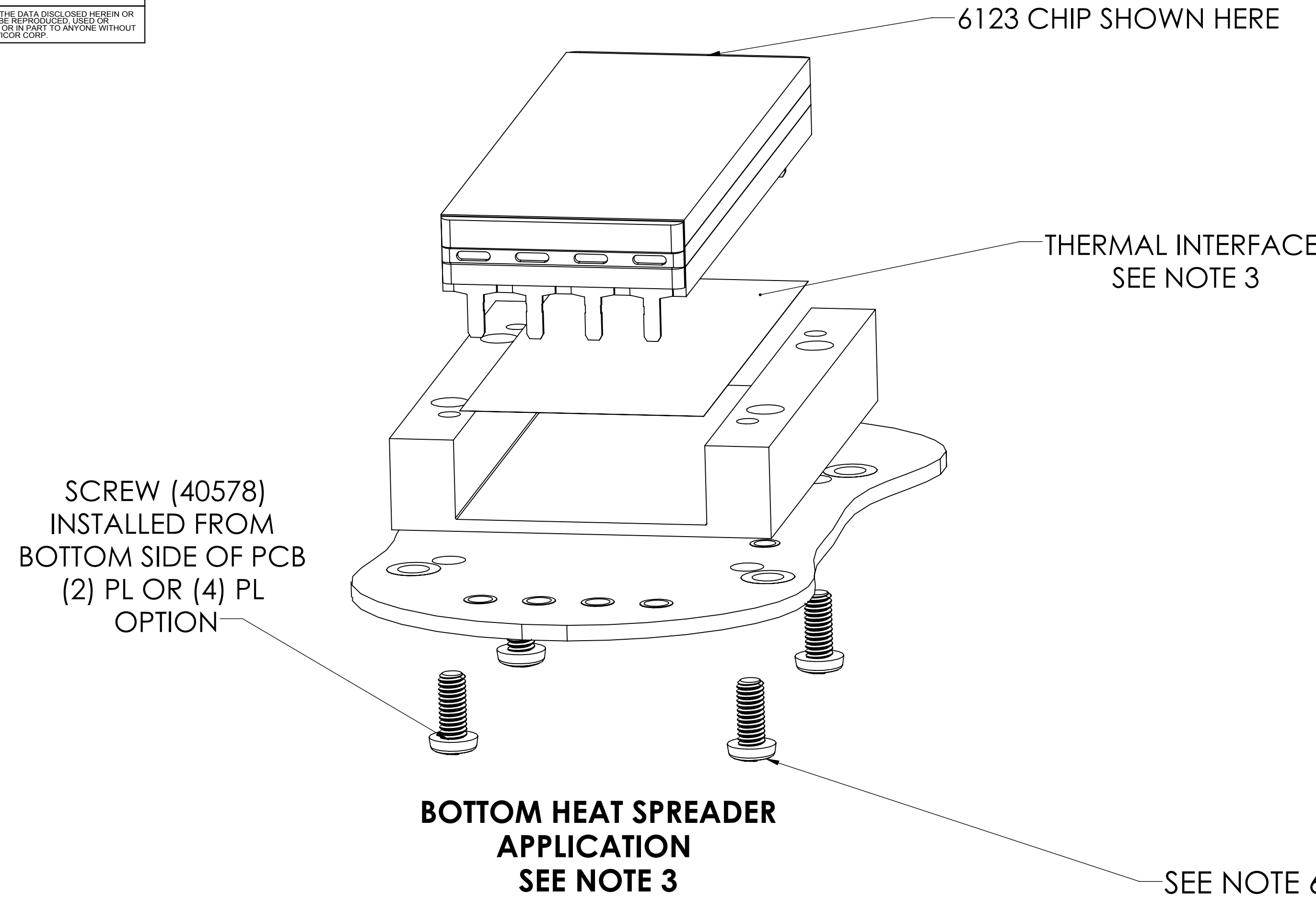


REV.	DESCRIPTION	INTL	DATE	APVD
1	RELEASED PER E180379	US	05/30/18	RLT
2	REVISED PER E200452	CL	08/31/20	RLT



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)
- 6.) IF BOTH SETS OF SCREWS ARE USED SIMULTANEOUSLY, CHOOSE COLD-PLATE MOUNTING SCREWS THAT ARE ALSO M2.5 (16MM LONG) WITH A SMALL DIAMETER HEAD(CHEESE HEAD OR SOCKET HEAD)

DRAWN BY David Koffi	DATE 03/27/2018	VICOR		swd
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE : INCH / (MM)		APP DWG, HEATSPREADER INSTALLATION, 3623, 4623, 6123		
TOLERANCES ARE: DECIMALS X.XX (X.X) = +0.01 (0.25) X.XXX (X.XXX) = +0.005 (0.127)	ANGLES ±1°	SIZE D	CAGE CODE 67131	DWG NO 47352
THIRD ANGLE PROJECTION		SCALE 3:1	REV 2	SHEET 1 OF 1
DO NOT SCALE DRAWING				