

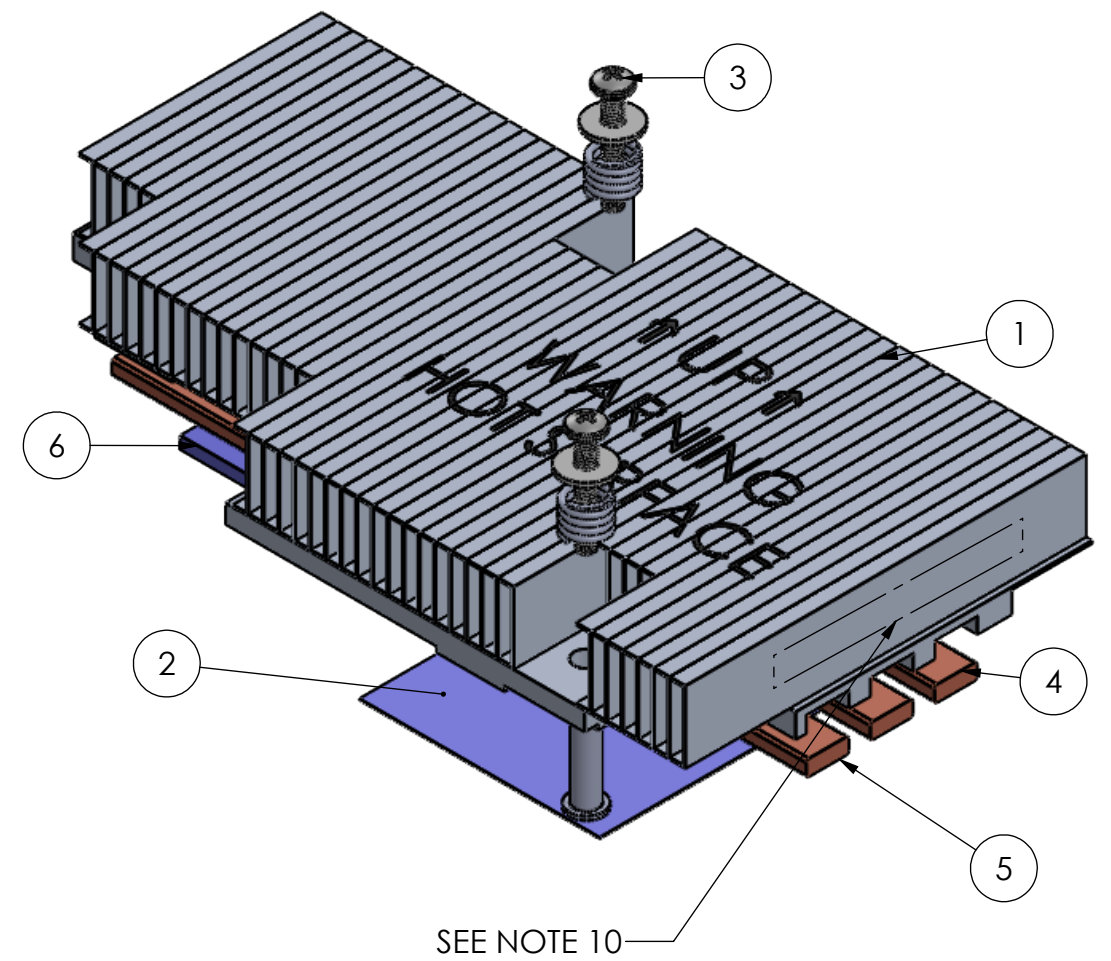
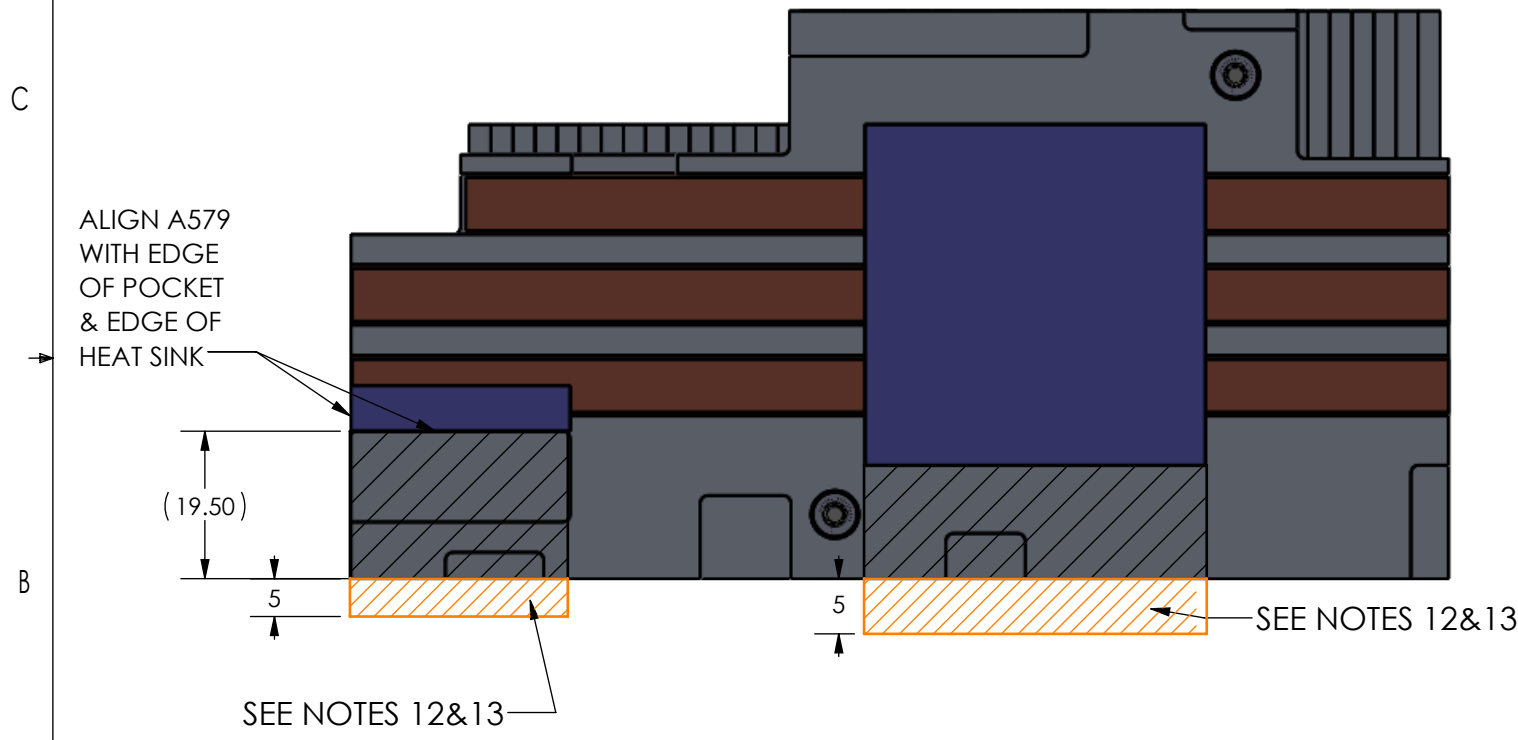
ATS-2262-C1-R0

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NOTES:


1. HEAT SINK BASE AND FIN MATERIAL: ALUMINUM; FINISH: NICKEL PLATEED
2. HEAT SINK IS SUPPLIED WITH THERMAL INTERFACE MATERIAL PRE-ASSEMBLED.
3. TPCM 585 IS 45MM X 45MM X .25MM AND IS CENTERED BETWEEN HOLES ON HEAT SINK BASE.
4. HEAT SINK IS SUPPLIED WITH HARDWARE ASSEMBLY KIT PRE-ASSEMBLED.
5. HARDWARE ASSEMBLY KIT MAY BE ORDERED SEPARATELY.
6. HARDWARE ASSEMBLY KIT PROVIDES 9psi PRESSURE WHEN INSTALLED ON 45MM X 45MM X 3.45MM COMPONENT.
7. HARDWARE ASSEMBLY KIT REQUIRES 2X M3 TAPPED HOLES WITH Ø7MM TOP SIDE KEEPOUT.
8. TOLERANCES X.X +/- 0.50 MM, X.XX +/- 0.25 MM, X.XXX +/- 0.125 MM UNLESS SHOWN OTHERWISE.
9. SUPPLIER CERTIFIES PRODUCT IS ROHS COMPLIANT.
10. PART # "ATS-2262-C1-R0" ETCHED APPROXIMATELY WHERE SHOWN.
11. THIS HEAT SINK IS FOR USE ON THE U5500 TITAN COMPONENTS ON THE DCAM2 BOARD.
12. THERMAL INTERFACE MATERIAL IS SUPPLIED WITH RELEASE LINER (WITH TAB FOR EASY REMOVAL) ATTACHED. CUSTOMER MUST REMOVE LINER PRIOR TO INSTALLATION.
13. TIM RELEASE LINER SHOULD EXTEND AT LEAST 5mm BEYOND EDGE OF HEAT SINK. 5mm EXTENDED PORTION MUST BE HIGH VISIBILITY ORANGE.
14. SILKSCREEN BLACK NOTE AS SHOWN BELOW. SILKSCREEN INK TO WITHSTAND TEMPERATURES UP TO 150 °C.
15. HEAT PIPE MATERIAL: COPPER; FINISH: NONE
16. HEAT PIPES TO BE SOLDERED TO GROOVES IN HEAT SINK BASE. HEAT SINK BASE TO BE MACHINED FLAT AFTER HEAT PIPE ASSEMBLY.
17. A579 IS 6mm X 29mm X 2.3mm AND IS LOCATED AS SHOWN BELOW.

REVISIONS		
REV.	DESCRIPTION	DATE
R0	ORIGINAL DESIGN	08/21/17



ITEM NO.	PART NUMBER	DESCRIPTION	SUPPLIER	QTY.	NOTES
1	ATS075145018-2262-C1-R0	HEAT SINK SUB ASSEMBLY	ATS	1	1,2,4
2	LAIRD TPCM 7810-45X45	TPCM 7810 45MM X 45MM X .25MM	LAIRD	1	2,3,12,13
3	ATS-HK230-R2	HARDWARE ASSEMBLY KIT	ATS	1	4,5,6,7
4	ATS-HP-F6L145S24W-466	HEAT PIPE	ATS	2	15,16
5	ATS-HP-F6L130S24W-467	HEAT PIPE	ATS	1	15,16
6	A579-6X29	A579 6mm X 29mm X 2.3mm	CHOMERICS	1	2,12,13,17

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 <p>Advanced Thermal Solutions, Inc 89 Access Road #27 Norwood MA, 02062</p>	DWN: CAH	DESIGNER: GW	APPROVED /RELEASED FOR ATS MANUFACTURE: GW 1/11/2018	SCALE: NTS	DATE: 08/21/2017	DWG. NO. ATS-2262-C1-R0	LEVEL
	DESCRIPTION: HEAT SINK ASSEMBLY			TOLERANCE: AS SPECIFIED	FINISH: SEE NOTES	MATERIAL: SEE NOTES	DRW UNITS: MM(IN)

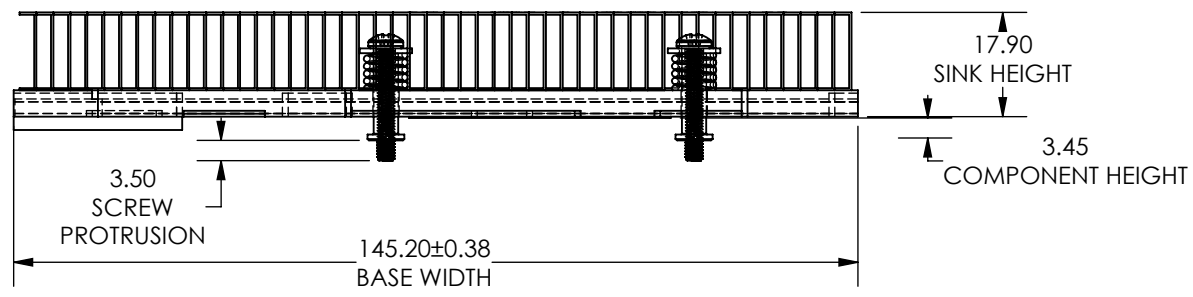
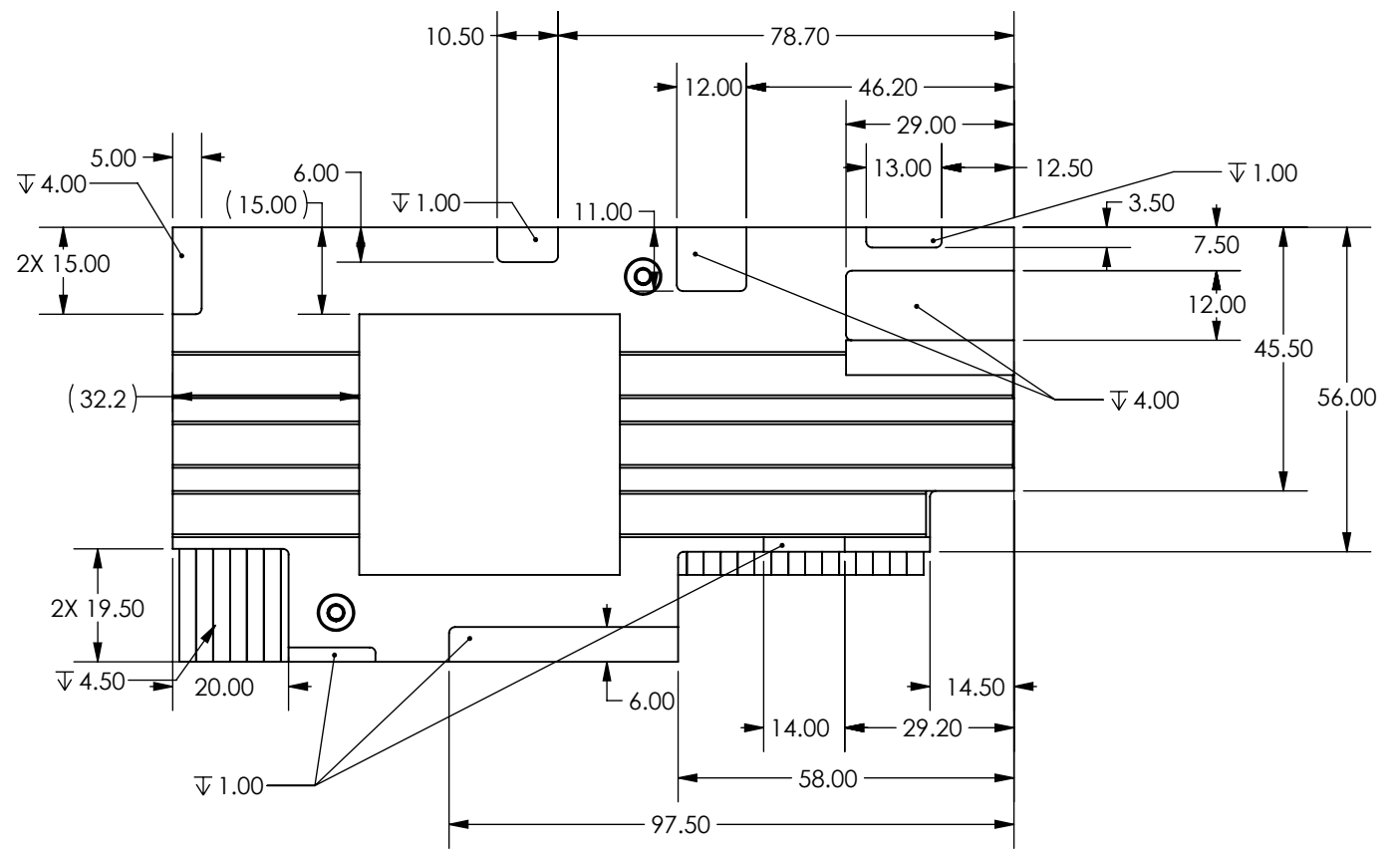
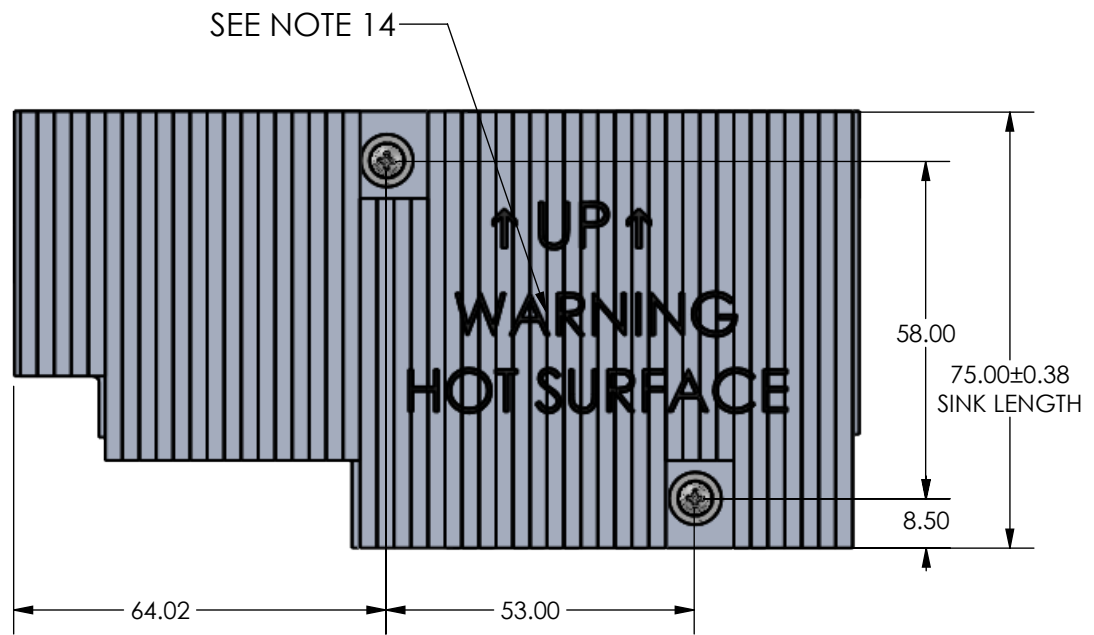
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		DESCRIPTION: HEAT SINK ASSEMBLY				TOLERANCE: AS SPECIFIED	FINISH: SEE NOTES	MATERIAL: SEE NOTES

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