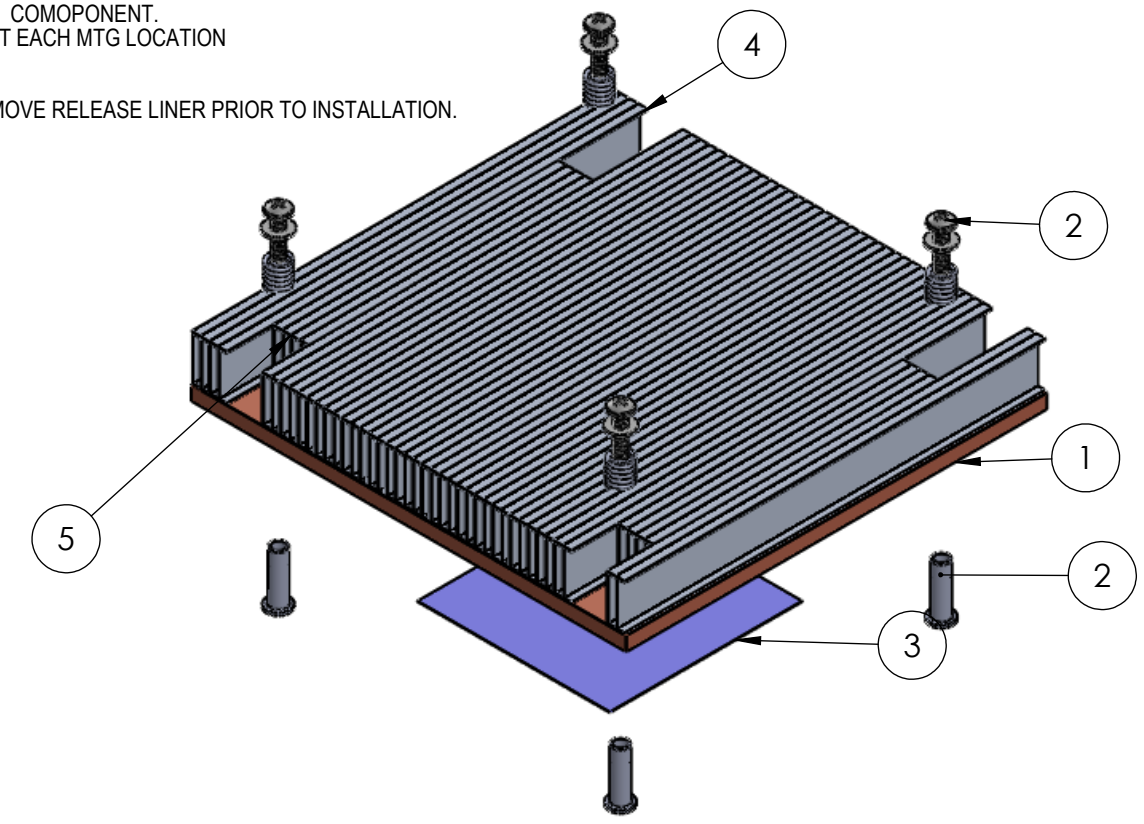
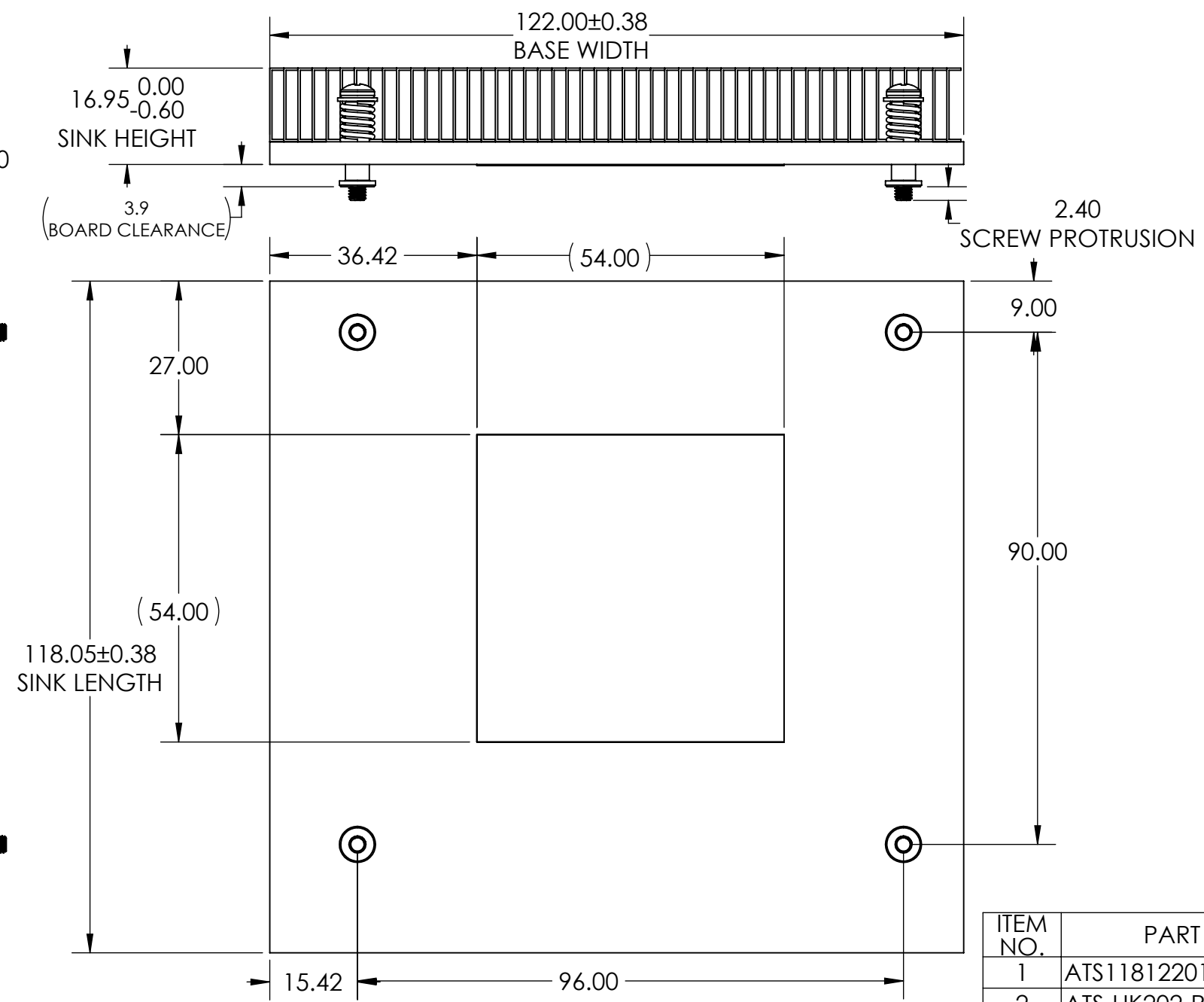


ATS-1664-C1-R1

Advanced Thermal Solutions, Inc
PROPRIETARY


- NOTES:
1. TOLERANCES X.X +/- .50 MM, X.XX +/- .25 MM, X.XXX +/- .125 MM UNLESS SHOWN OTHERWISE.
 2. SUPPLIER CERTIFIES THAT PRODUCT IS ROHS COMPLIANT.
 3. ITEM 1 MATERIAL: COPPER; FINISH: NICKEL PLATED; ITEMS 4 & 5 MATERIAL: ALUMINUM; FINISH: NICKEL PLATED
 4. HEAT SINK SUPPLIED WITH THERMAL INTERFACE MATERIAL PRE-ASSEMBLED.
 5. THERMAL INTERFACE MATERIAL IS 54mm X 54mm X 0.25mm AND IS LOCATED AS SHOWN IN VIEW BELOW.
 6. HEAT SINK SUPPLIED WITH HARDWARE ASSEMBLY KIT PRE-ASSEMBLED.
 7. HARDWARE ASSEMBLY KIT MAY BE ORDERED SEPARATELY.
 8. HARDWARE ASSEMBLY KIT PROVIDES 9.2 PSI PRESSURE WHEN INSTALLED ON 49mm x 49mm X 3.67mm COMOPONENT.
 9. HARDWARE ASSEMBLY KIT REQUIRES M3 THREADED NUT IN PCB WITH \varnothing 7.0mm KEEPOUT TOP SIDE AT EACH MTG LOCATION
 10. ETCH PART # "ATS-1664-C1-R1" IN APPROXIMATE AREA NOTED.
 11. THIS HEAT SINK ASSEMBLY IS FOR EZCHIP NP5 ON THE RSM 2 BOARD.
 12. THERMAL INTERFACE MATERIAL IS SUPPLIED WITH RELEASE LINER ATTACHED. CUSTOMER MUST REMOVE RELEASE LINER PRIOR TO INSTALLATION.

REVISIONS		
REV.	DESCRIPTION	DATE
R0	ORIGINAL DESIGN	03/11/15
R1	ADDED NOTES 10 & 11	04/23/15
R1A	ADDED NOTE 12	05/26/15



ITEM NO.	PART NUMBER	DESCRIPTION	SUPPLIER	QTY.	NOTES
1	ATS118122017-1664-C1-R0	HEAT SINK BASE	ATS	1	3,4,6
2	ATS-HK202-R0	HARDWARE ASSEMBLY KIT	ATS	1	6,7,8,9
3	LAIRD TPCM 7810-54X54	TPCM 7810 54MM X 54MM X 0.25MM	LAIRD	1	4,5,12
4	ATS118122017-1664A-C1-R0	ZIPPER FIN, 120 mm	ATS	41	3
5	ATS118122017-1664B-C1-R0	ZIPPER FIN, 80mm	ATS	8	3

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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 5/29/2015	SCALE: NTS	DATE: 05/26/2015	DWG. NO. ATS-1664-C1-R1	LEVEL A
	DESCRIPTION: HEAT SINK ASSEMBLY			TOLERANCE: AS SPECIFIED	FINISH: SEE NOTES	MATERIAL: SEE NOTES	DRW UNITS: MM(IN)

THE DRAWING SHOWN WITHIN IS PROTECTED BY PATENTS GRANTED TO ADVANCED THERMAL SOLUTIONS, INC.

Friday, May 29, 2015

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