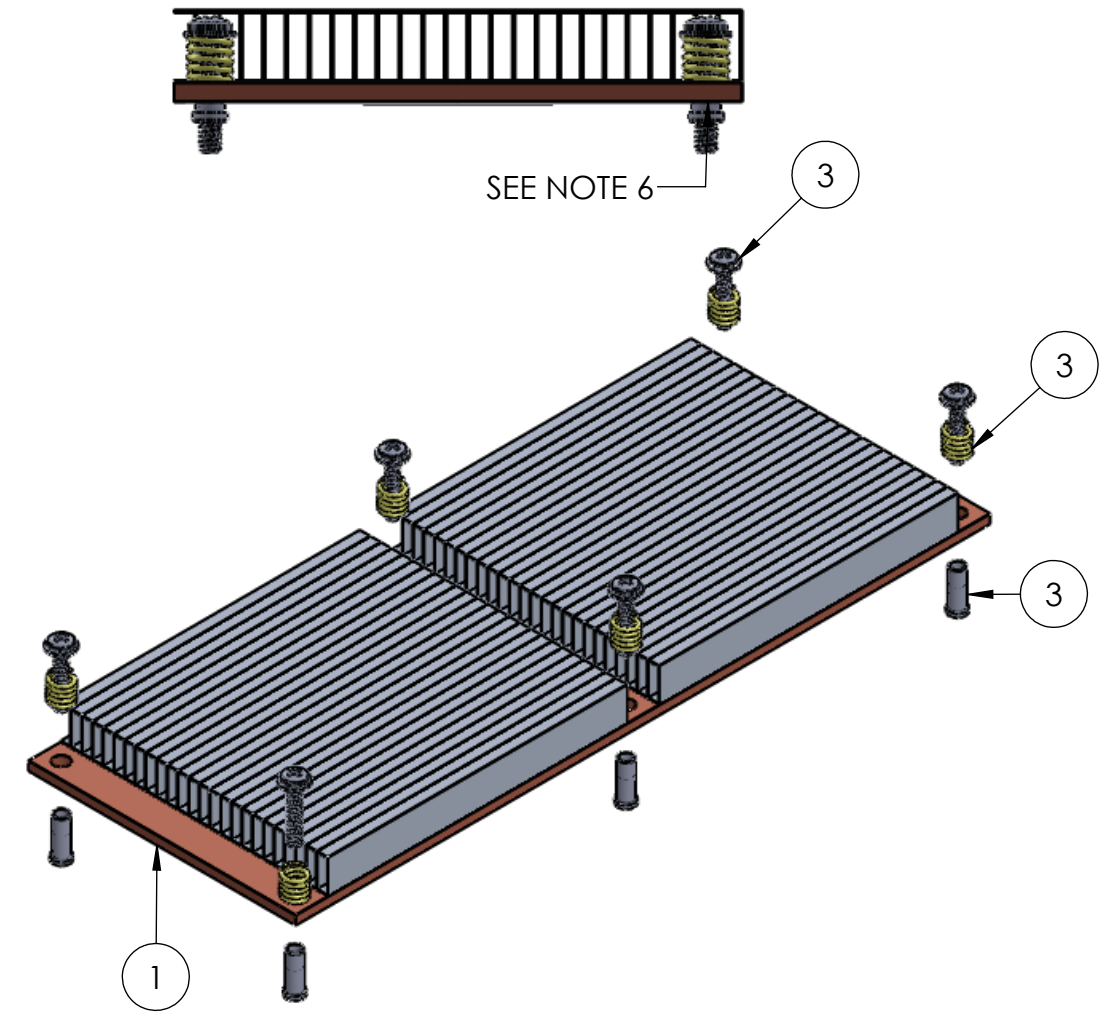
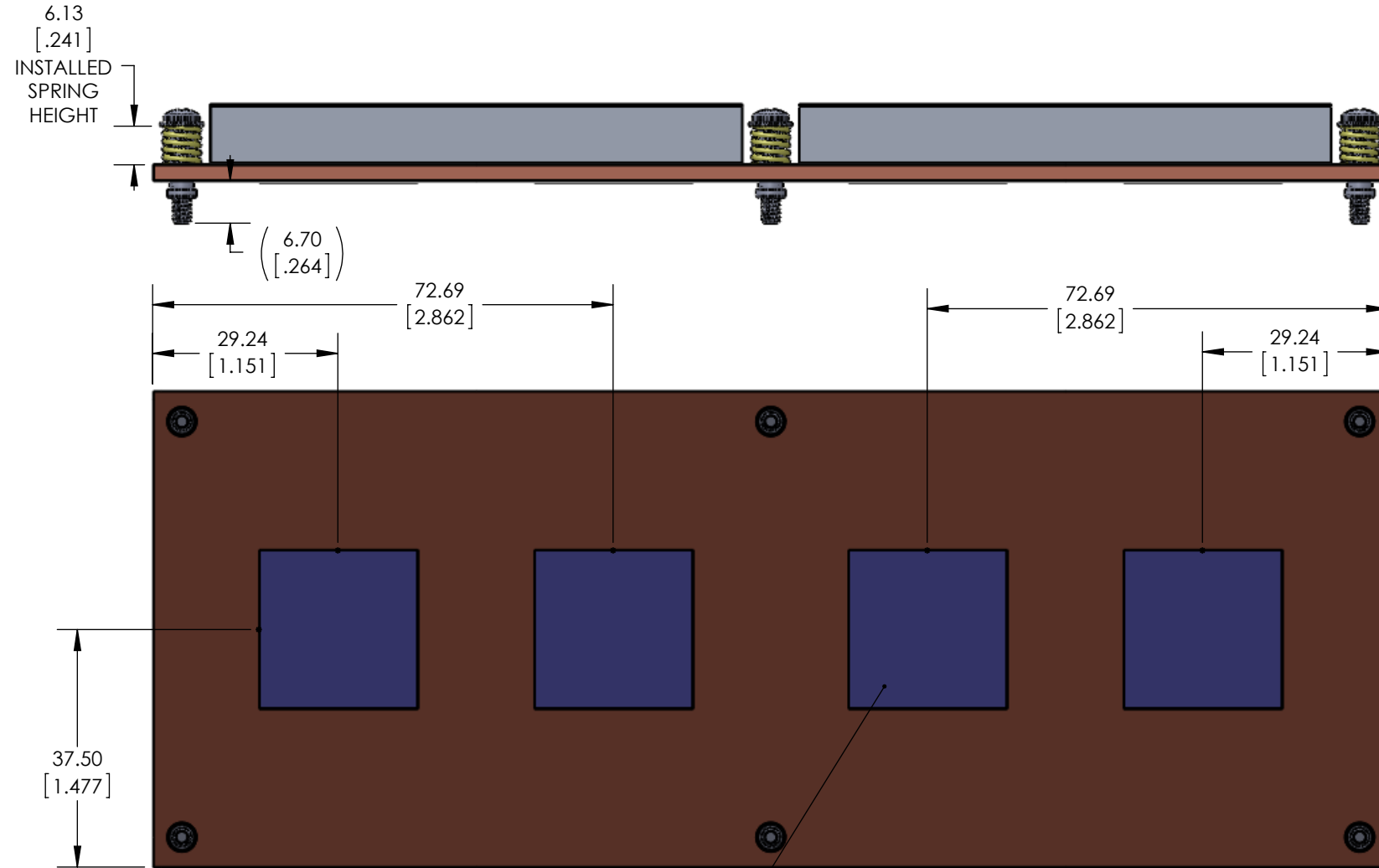


ATS-1604-C3-R0

Advanced Thermal Solutions, Inc
PROPRIETARY


- NOTES:
1. SUPPLIER CERTIFIES PRODUCT IS ROHS COMPLIANT.
 2. TOLERANCES X.X +/- 0.50 MM, X.XX +/- 0.25 MM, X.XXX +/- 0.125 MM UNLESS SHOWN OTHERWISE.
 3. HEAT SINK SUPPLIED WITH THERMAL INTERFACE MATERIAL PRE-ASSEMBLED IN LOCATIONS SHOWN IN BOTTOM VIEW BELOW.
 4. HEAT SINK SUPPLIED WITH ASSEMBLY HARDWARE KIT PRE-ASSEMBLED.
 5. ASSEMBLY HARDWARE KIT MAY BE ORDERED SEPARATELY.
 6. ASSEMBLY HARDWARE KIT PROVIDES 9.8LB FORCE AT EACH MTG LOCATION.
 7. SPECIAL ATTENTION SHOULD BE GIVEN TO BASE SURFACE. NO GRAINING OR BRUSHING IS ALLOWED. Ra 63 MICROINCHES.

REVISIONS		
REV.	DESCRIPTION	DATE
R0	ORIGINAL DESIGN	10/20/14



This confidential document is the sole property of Advanced Thermal Solutions (ATS). It is prohibited to reproduce or distribute this information, in whole or part, to other parties without the prior written consent of ATS.

ITEM NO.	PART NUMBER	DESCRIPTION	SUPPLIER	QTY.	NOTES
1	ATS-1604ZF-C2-R1	ZIPPER FIN ASSEMBLY	ATS	1	3,4
2	LAIRD TPCM 5810-25X25	TPCM 5810, 25MM X 25MM X .25MM	LAIRD	4	3
3	ATS-HK185-R1	HARDWARE ASSEMBLY KIT	ATS	1	4,5,6

 <p>Advanced Thermal Solutions, Inc 89 Access Road #27 Norwood MA, 02062</p>	DWN: CAH	DESIGNER: JEG	APPROVED /RELEASED FOR ATS MANUFACTURE: YFA 11/13/2014	SCALE: NTS	DATE: 10/21/2014	DWG. NO. ATS-1604-C3-R0	LEVEL --
	DESCRIPTION: HEAT SINK ASSEMBLY			TOLERANCE: AS SPECIFIED	FINISH: SEE NOTES	MATERIAL: SEE NOTES	DRW UNITS: MM(IN)

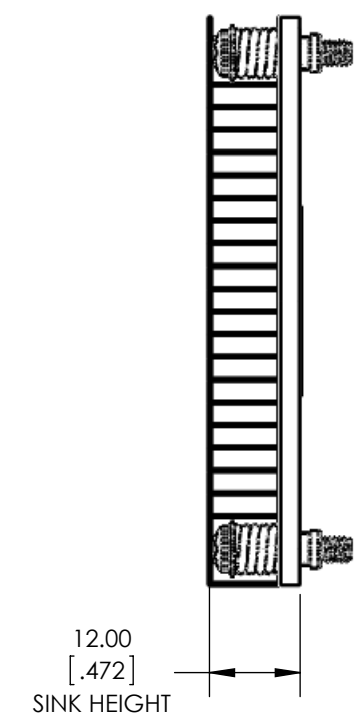
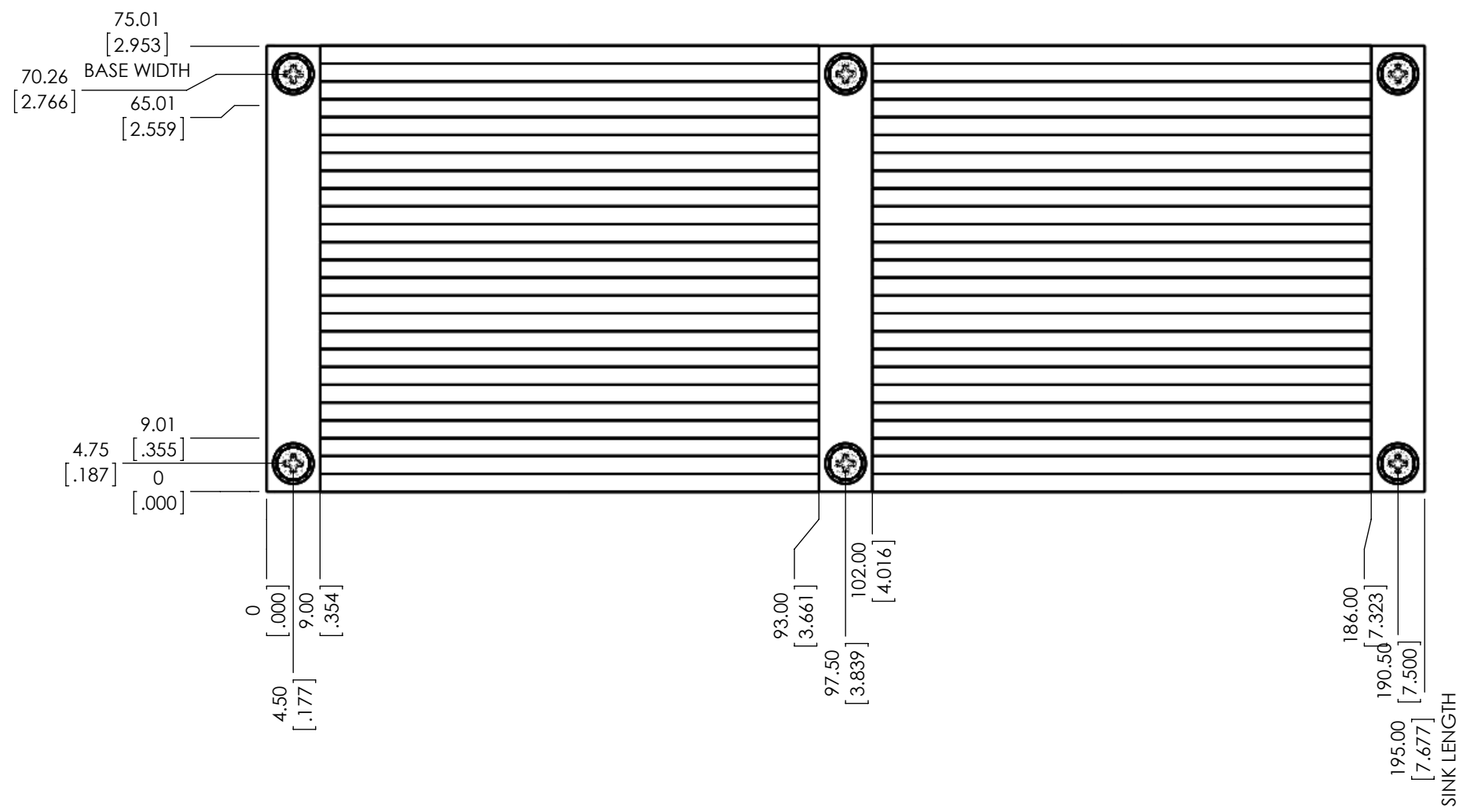
Thursday, November 13, 2014

ATS-1604-C3-R0


ATS-1604-C3-R0

Thursday, November 13, 2014

Advanced Thermal Solutions, Inc
PROPRIETARY



This confidential document is the sole property of Advanced Thermal Solutions (ATS). It is prohibited to reproduce or distribute this information, in whole or part, to other parties without the prior written consent of ATS.

	Advanced Thermal Solutions, Inc 89 Access Road #27 Norwood MA, 02062	DWN: CAH	DESIGNER: JEG	APPROVED /RELEASED FOR ATS MANUFACTURE: YFA 11/13/2014	SCALE: NTS	DATE: 10/21/2014	DWG. NO. ATS-1604-C3-R0	LEVEL --
		DESCRIPTION: HEAT SINK ASSEMBLY				TOLERANCE: AS SPECIFIED	FINISH: SEE NOTES	MATERIAL: SEE NOTES

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

ATS-1604-C3-R0