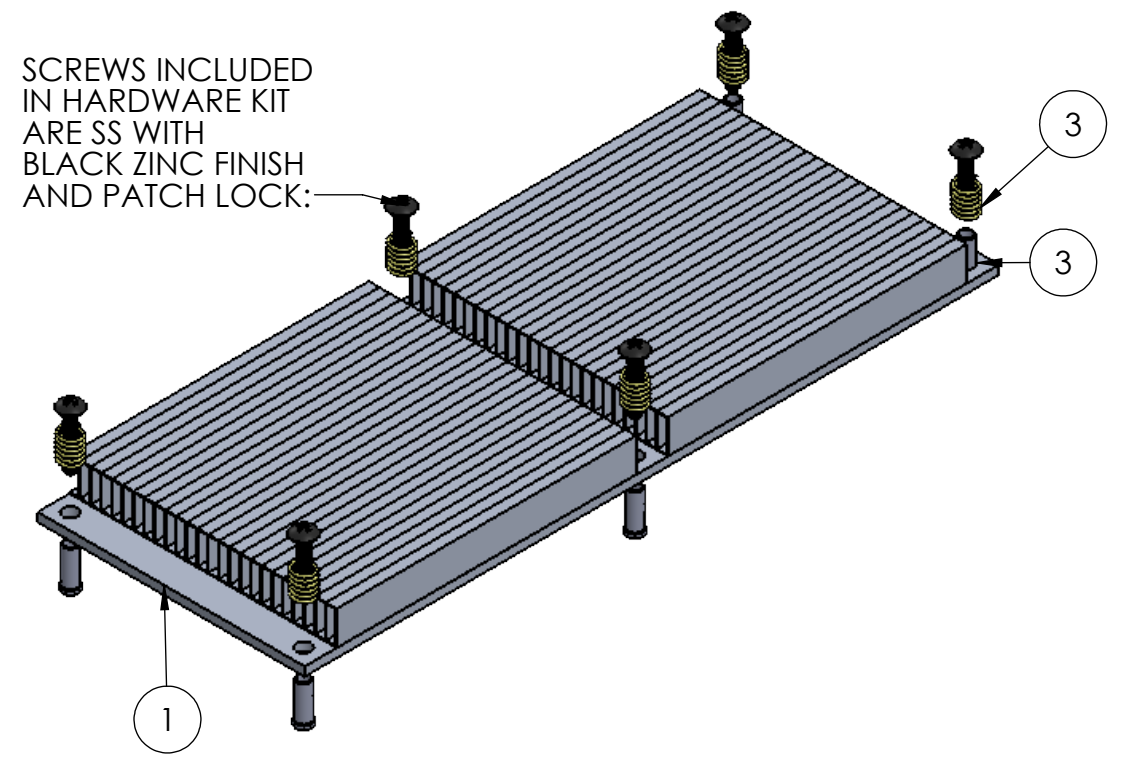
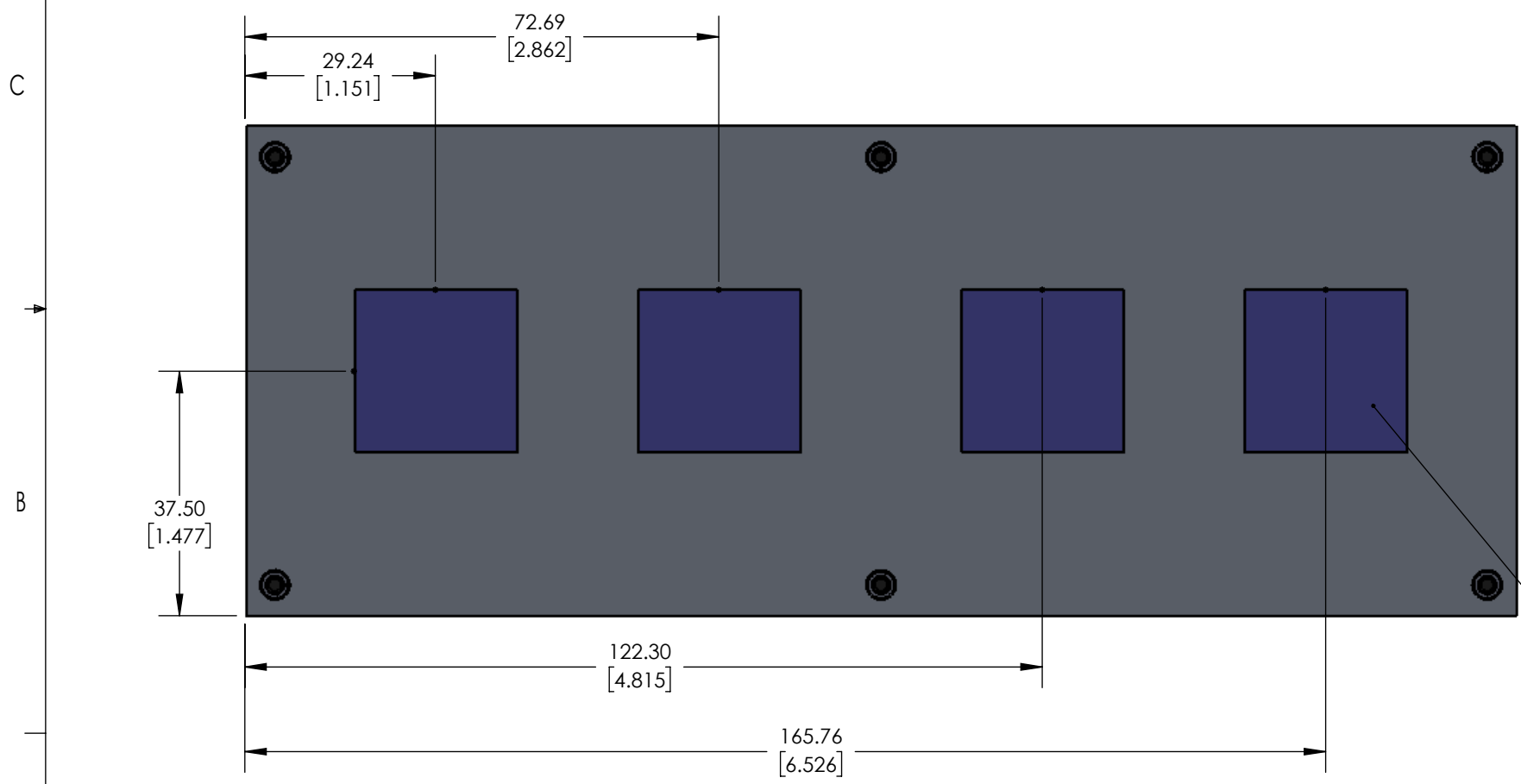
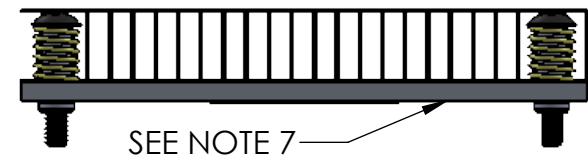
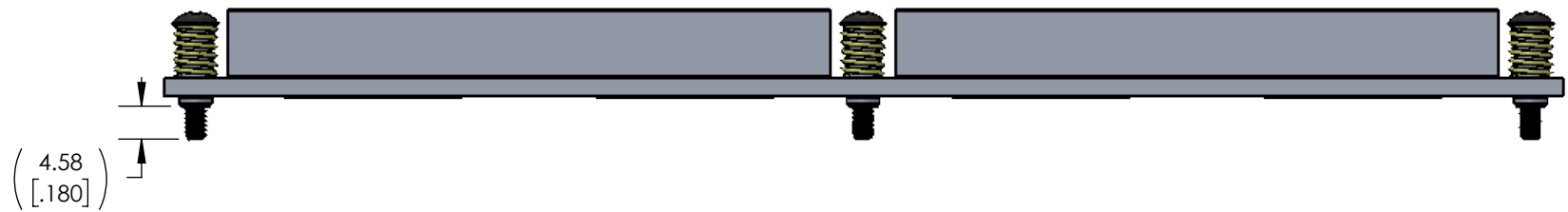


ATS-1921-C1-R0

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 3.0LB FORCE AT EACH MTG LOCATION WHEN INSTALLED ON 1.2mm COMPONENTS.
 7. SPECIAL ATTENTION SHOULD BE GIVEN TO BASE SURFACE. NO GRAINING OR BRUSHING IS ALLOWED. Ra 63 MICRINCHES.
 8. HEAT SINK BASE & FIN MATERIAL: ALUMINUM; FINISH: NICKEL PLATED.


REVISIONS		
REV.	DESCRIPTION	DATE
R0	ORIGINAL DESIGN	04/12/16



SCREWS INCLUDED IN HARDWARE KIT ARE SS WITH BLACK ZINC FINISH AND PATCH LOCK:

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	ATS195075012-1921-C1-R0	ZIPPER FIN SUB-ASSEMBLY	ATS	1	8
2	LAIRD TPCM 5810-25X25	TPCM 5810, 25MM X 25MM X .25MM	LAIRD	4	3,4
3	ATS-HK271-R0	HARDWARE ASSEMBLY KIT	ATS	1	4,5,6

 <p>Advanced Thermal Solutions, Inc 89 Access Road #27 Norwood MA, 02062</p>	DWN: CAH	DESIGNER: GW	APPROVED /RELEASED FOR ATS MANUFACTURE: GW 4/15/2016	SCALE: NTS	DATE: 04/15/2016	DWG. NO. ATS-1921-C1-R0	LEVEL
	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.

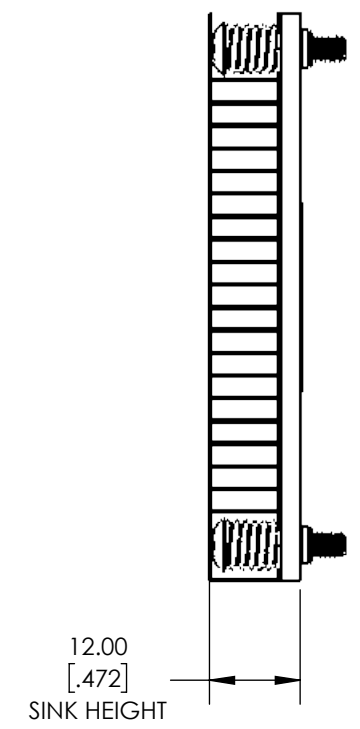
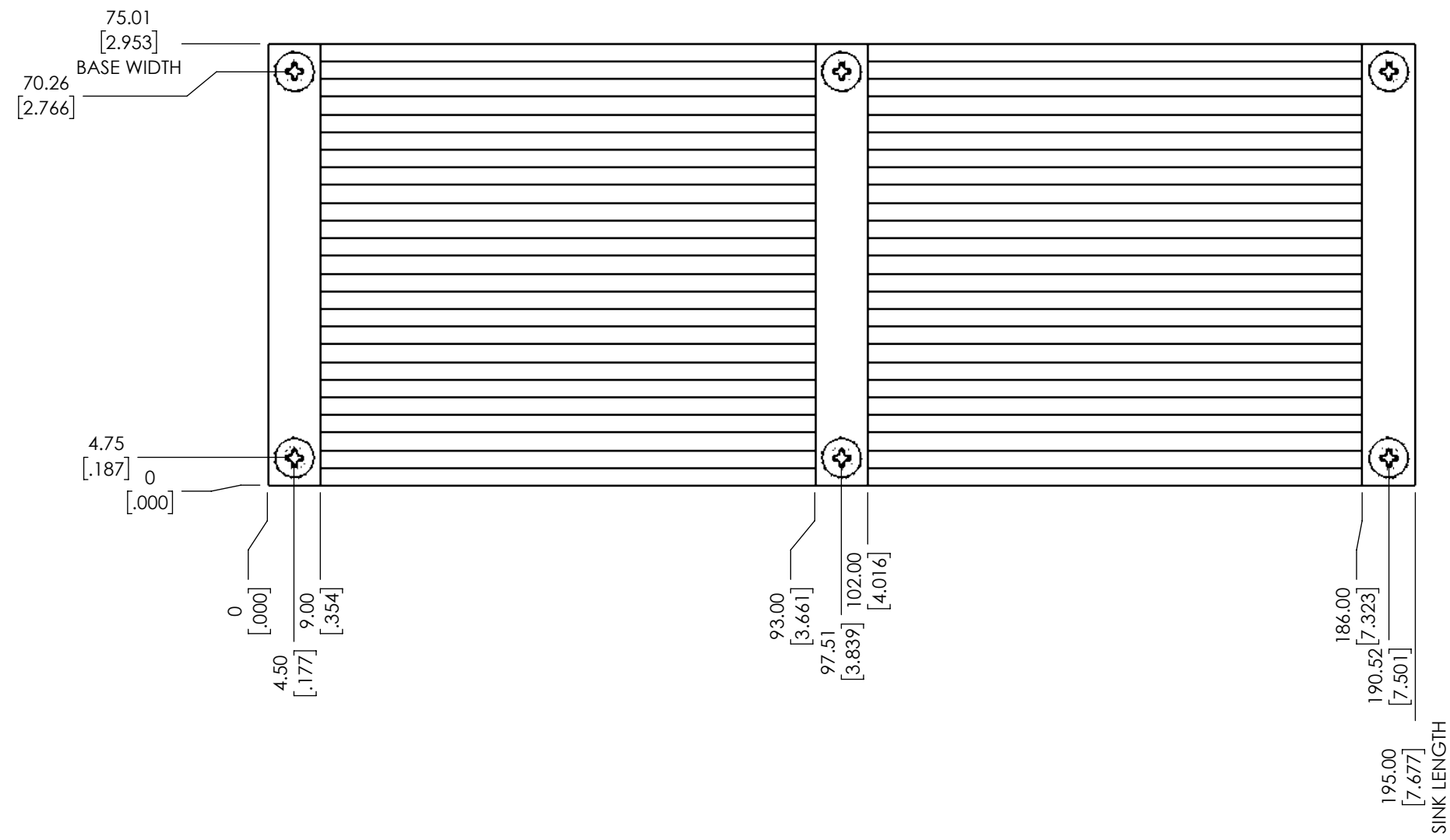
Friday, April 15, 2016

ATS-1921-C1-R0


ATS-1921-C1-R0

Friday, April 15, 2016

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: GW	APPROVED /RELEASED FOR ATS MANUFACTURE: GW 4/15/2016	SCALE: NTS	DATE: 04/15/2016	DWG. NO. ATS-1921-C1-R0	LEVEL
	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.

ATS-1921-C1-R0