

Heatsink for amplifier models FMAM5055-5059, FMAM5064-5065, FMAM5068 and FMAM5070

The FMAMG5060F is an Aluminum Finned Heatsink with two integrated Cooling Fans that maintain maximum forced air flow for optimum thermal efficiency. Each Cooling Fan is DC controlled and requires a typical voltage level of +28 VDC with DC Current of 1 Amp. A DC voltage wire is included with alligator spring clamps to connect with a power supply. Airflow for each fan is rated at 130 CFM and noise is rated at 65.5 dba. This heatsink/cooling fan module is specifically designed to be used with High Power Amplifier models FMAM5055, FMAM5056, FMAM5057, FMAM5058, FMAM5059, FMAM5064, FMAM5065, FMAM5068, FMAM5070. This heatsink module is purchased separately and has tapped screw holes on the mounting plate that match the outline mounting holes of these amplifier models. All the necessary mounting hardware is included. Step by step mounting instructions are on page 2 below. Pasternack highly recommends using this heatsink/cooling fan assembly with these amplifier models to effectively dissipate generated heat and ensure that the normal baseplate operating temperature range is maintained to ensure optimum and reliable performance.



Features:

- Aluminum Finned Heatsink with 2 Integrated Cooling Fans
- Voltage: +24 VDC @ 1 Amp typical
- Airflow: 67.3 CFM (per fan)
- Noise: 65.5 dBA (per fan)
- Designed Specifically for 9 Pasternack Power Amplifier Models
- Maintains Normal Baseplate Operating Temperature
- Pre-Tapped Mounting Holes
- Mounting Screws and Washers are included

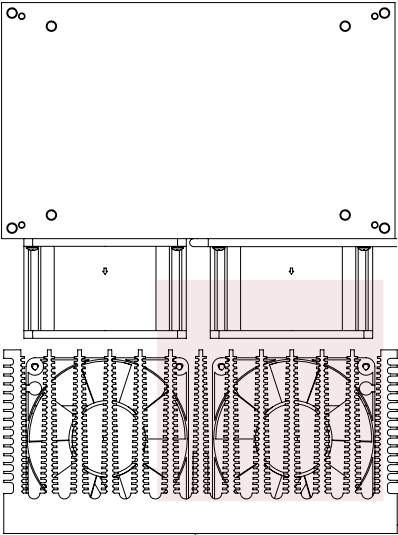
Applications:

- Military Radio
- Communication Systems
- High Gain Driver Power Amplifier
- Test and Measurement Applications

Fairview Microwave
301 Leora Ln., Suite 100
Lewisville, TX 75056
Tel: 1-800-715-4396 / (972) 649-6678
Fax: (972) 649-6689
www.fairviewmicrowave.com
sales@fairviewmicrowave.com

Heatsink Installation Instruction

1. Heatsink Outlines:



Please see CAD drawing for detailed information

Cooling Fan and Heatsink suitable for: FMAM5055, FMAM5056, FMAM5057,FMAM5058, FMAM5059, FMAM5064, FMAM5065, FMAM5068, and FMAM5070.

2. Installation Instructions:

1) Prepare materials:

- a) Models FMAM5055, FMAM5056, FMAM5057, FMAM5058, FMAM5059, FMAM5065, FMAM5068, and FMAM5070 use M4 round head screws, flat and splitlock washers (set of 4 included). Model FMAM5064 uses M2 roundhead screws, flat and splitlock washers (set of 4 included).
- b) Thermal grease*: its thermal conductivity must be $\geq 4W/m\cdot K$ (watts per meter-kelvin)
- c) Screwdriver for mounting M4 or M2 screws.
*Thermal grease is not included and must be purchased from another manufacturer

2) Installation steps:

- a) Apply the thermal grease on the heatsink mounting surface. Its thickness must be as thin as possible (< 0.2mmis recommended).
- b) Place the power amplifier module on the heatsink. Press the module down and move it around on the heatsink a few times to ensure a close fit and to eliminate any trapped air pockets.
- c) Install the M4 or M2 screws into the corresponding mounting holes with a hex screwdriver.

Mechanical Specifications

Size	
Length	5.9 in [149.86 mm]
Width	3.5 in [88.9 mm]
Height	2.7 in [68.58 mm]
Weight	3.1 lbs [1.41 kg]

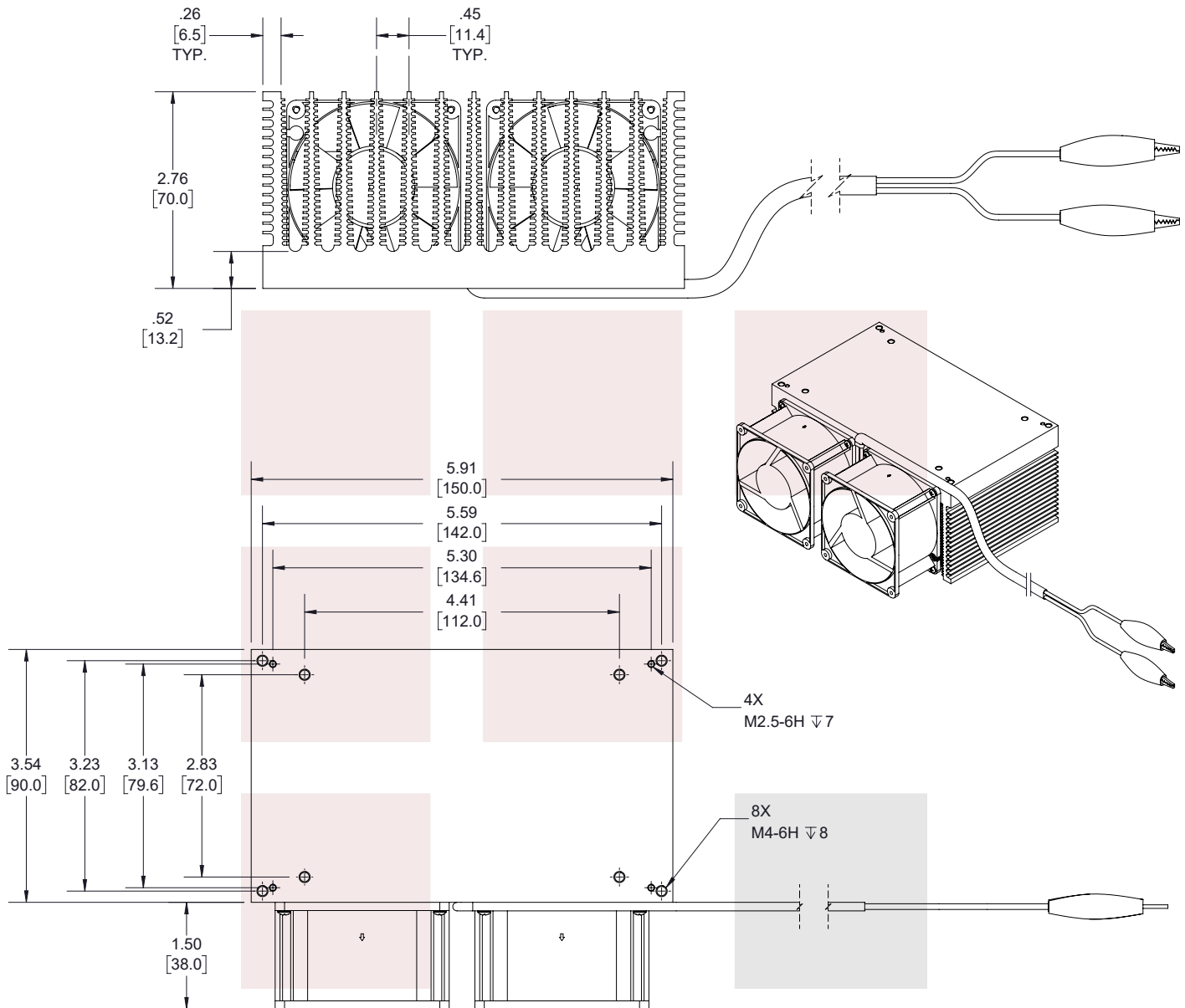
Heatsink for amplifier models FMAM5055-5059, FMAM5064-5065, FMAM5068 and FMAM5070 from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [Heatsink for amplifier models FMAM5055-5059, FMAM5064-5065, FMAM5068 and FMAM5070 FMAMG5060F](#)

URL: <https://www.fairviewmicrowave.com/heatsink-for-amplifier-models-fmam5055-5059-fmam5064-5065-fmam5068-and-fmam5070-fmamg5060f-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.





STANDARD TOLERANCES

.X ± 0.2
.XX ± 0.01
.XXX ± 0.005

*STANDARD TOLERANCES APPLY
ONLY TO DIMENSIONS IN INCHES

<p>Fairview Microwave an INFINITE brand</p>		<p>NOTES: 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL. 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME. 3. DIMENSIONS ARE IN INCHES [mm].</p>				
<p>TITLE</p> <p>Heatsink for amplifier models FMAM5055-5059, FMAM5064-5065, FMAM5068 and FMAM5070</p>		<p>DWG NO</p> <p>FMAMG5060F</p>		<p>CAGE CODE</p> <p>3FKR5</p>		
CAD FILE	05/09/18	SHEET	1 OF 1	SCALE	N/A	SIZE A 7361