



Heatsink for amplifier models PE15A5055-5059,
PE15A5064-5065, PE15A5068 and PE15A5070

TECHNICAL DATA SHEET

PE15G5060F

The PE15G5060F 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 +24 VDC with a 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 67.3 CFM and noise is rated at 61.8 dba. This heatsink/cooling fan module is specifically designed to be used with High Power Amplifier models PE15A5055, PE15A5056, PE15A5057, PE15A5058, PE15A5059, PE15A5064, PE15A5065, PE15A5068, PE15A5070. 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

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Heatsink for amplifier models PE15A5055-5059, PE15A5064-5065, PE15A5068 and PE15A5070 PE15G5060F](#)





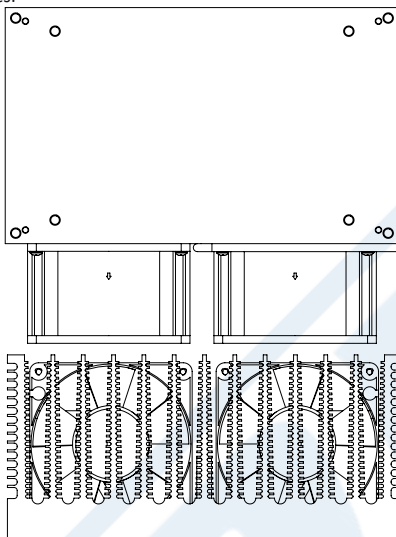
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Heatsink Installation Instruction

1. Heatsink Outlines:



Please see CAD drawing for detailed information

Cooling Fan and Heatsink suitable for: PE15A5055, PE15A5056, PE15A5057, PE15A5058, PE15A5059, PE15A5064, PE15A5065, PE15A5068, and PE15A5070.

2. Installation Instructions:

1) Prepare materials:

a) Models PE15A5055, PE15A5056, PE15A5057, PE15A5058, PE15A5059, PE15A5065, PE15A5068, and PE15A5070 use M4 round head screws, flat and splitlock washers (set of 4 included). Model PE15A5064 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 ($< 0.2mm$ is 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.

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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	3.11 lbs [1.41 kg]

Heatsink for amplifier models PE15A5055-5059, PE15A5064-5065, PE15A5068 and PE15A5070 from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Heatsink for amplifier models PE15A5055-5059, PE15A5064-5065, PE15A5068 and PE15A5070 PE15G5060F](https://www.pasternack.com/heatsink-for-amplifier-models-pe15a5055-5059-pe15a5064-5065-pe15a5068-and-pe15a5070-pe15g5060f-p.aspx)

URL: <https://www.pasternack.com/heatsink-for-amplifier-models-pe15a5055-5059-pe15a5064-5065-pe15a5068-and-pe15a5070-pe15g5060f-p.aspx>

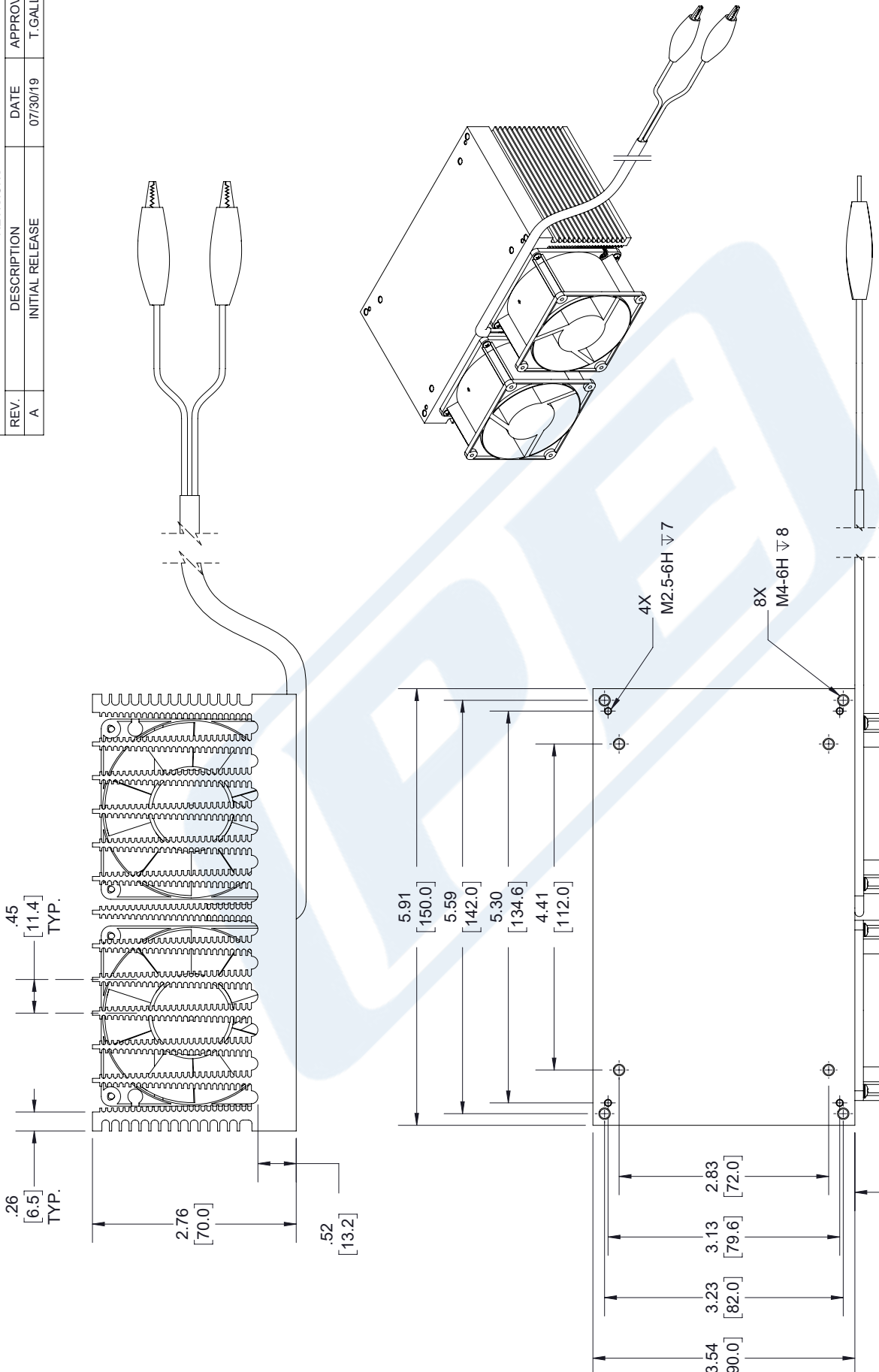
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PE15G5060F CAD Drawing

Heatsink for amplifier models PE15A5055-5059,
PE15A5064-5065, PE15A5068 and PE15A5070

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	07/30/19	T.GALLA



UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE IN INCHES DIMENSIONS IN [] ARE MILLIMETERS			
TOLERANCES:	FRACTIONS	ANGLES	
X±.2 [5.08]	XX±.01 [.25]	±132°	
XXX±.005 [.13]		ANGLES ±1°	
ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.			
THIRD-ANGLE PROJECTION			

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SIZE A	CAGE 53919	DRAWN BY KDANG	PART NUMBER PE15G5060F

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