



Heatsink for amplifier models PE15A5060-5063,  
PE15A5066-5067, PE15A5069, PE15A5071-5072

## TECHNICAL DATA SHEET

PE15G5068F

The PE15G5068F 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 1.6 Amps. 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 per fan and noise is rated at 65.5 dBa per fan. This heatsink/cooling fan module is specifically designed to be used with High Power Amplifier models PE15A5060, PE15A5061, PE15A5062, PE15A5063, PE15A5066, PE15A5067, PE15A5069, PE15A5071, and PE15A5072. 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 (M4 round head screws & washers). 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: +28 VDC @ 1.6 Amps Typical
- Airflow: 130 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

### Specifications Table

| Description       | Minimum | Typical | Maximum | Units |
|-------------------|---------|---------|---------|-------|
| DC Voltage        | 24      | 28      | 30      | Volts |
| DC Current        |         | 1.6     |         | A     |
| Airflow (per fan) |         | 130     |         | CFM   |
| Noise (per fan)   |         | 65.5    |         | dBa   |

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 PE15A5060-5063, PE15A5066-5067, PE15A5069, PE15A5071-5072 PE15G5068F](#)



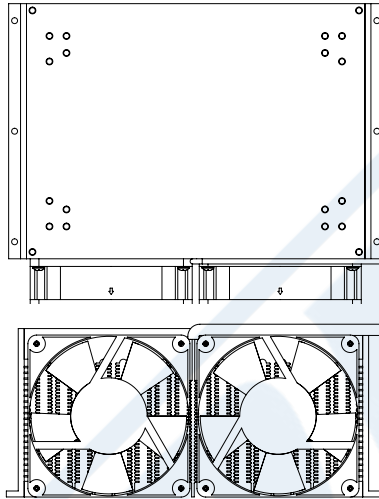
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### Heatsink Installation Instruction

1. Heatsink Outlines:



*Please see CAD drawing for detailed information*

Cooling Fan and Heatsink suitable for: PE15A5060, PE15A5061, PE15A5062, PE15A5063,  
PE15A5066, PE15A5067, PE15A5069, PE15A5071, and PE15A5072.

2. Installation Instructions:

1) Prepare materials:

- a) 4 pcs of M4 round head screws, each with a flat washer and a split lock washer;
- b) Thermal grease\*: its thermal conductivity must be  $\geq 4\text{W/m}\cdot\text{K}$  (watts per meter-kelvin)
- c) Screwdriver for mounting M4 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 screws into the corresponding mounting holes with a Hex screwdriver.

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### Mechanical Specifications

#### Size

|        |                    |
|--------|--------------------|
| Length | 7.8 in [198.12 mm] |
| Width  | 5.9 in [149.86 mm] |
| Height | 3.9 in [99.06 mm]  |
| Weight | 8.87 lbs [4.02 kg] |

Heatsink for amplifier models PE15A5060-5063, PE15A5066-5067, PE15A5069, PE15A5071-5072 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 PE15A5060-5063, PE15A5066-5067, PE15A5069, PE15A5071-5072 PE15G5068F](https://www.pasternack.com/heatsink-for-amplifier-models-pe15a5060-5063-pe15a5066-5067-pe15a5069-pe15a5071-5072-pe15g5068f)

URL: <https://www.pasternack.com/heatsink-for-amplifier-models-pe15a5060-5063-pe15a5066-5067-pe15a5069-pe15a5071-5072-pe15g5068f-p.aspx>

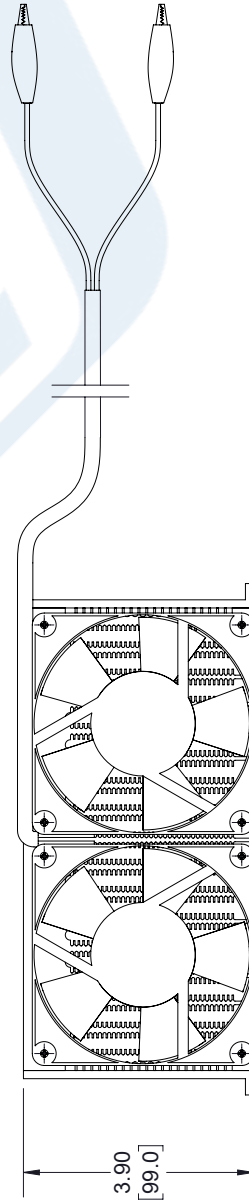
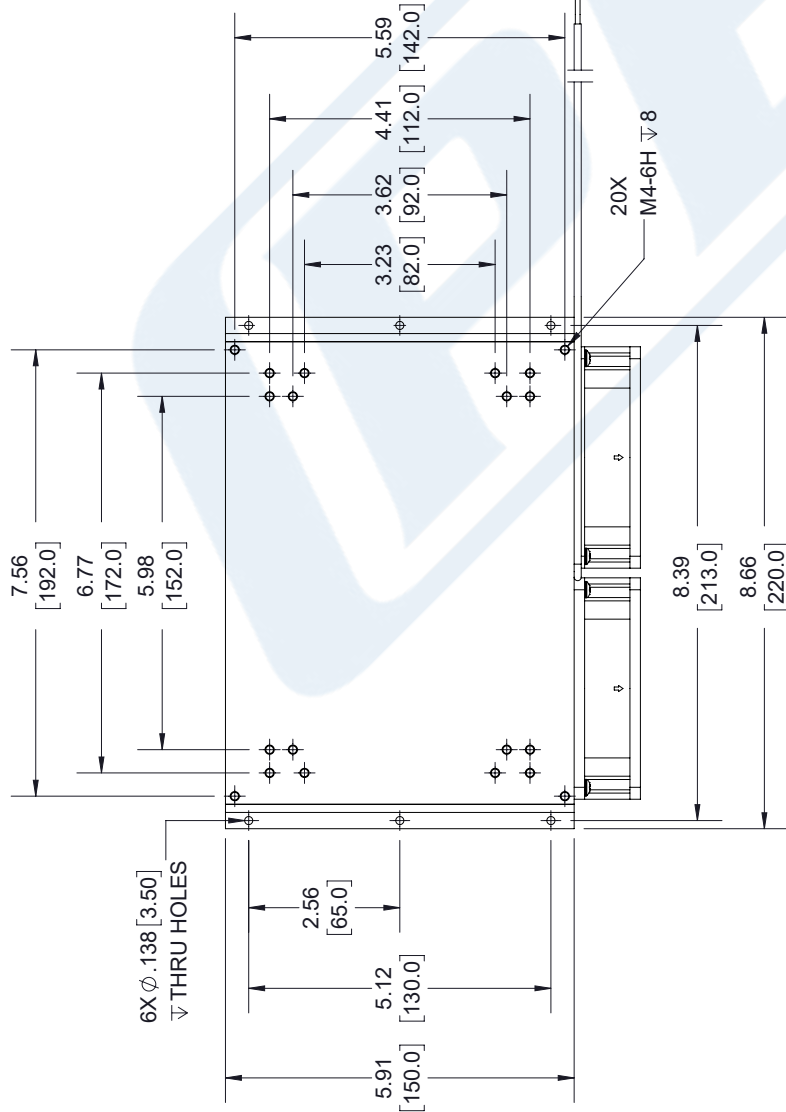
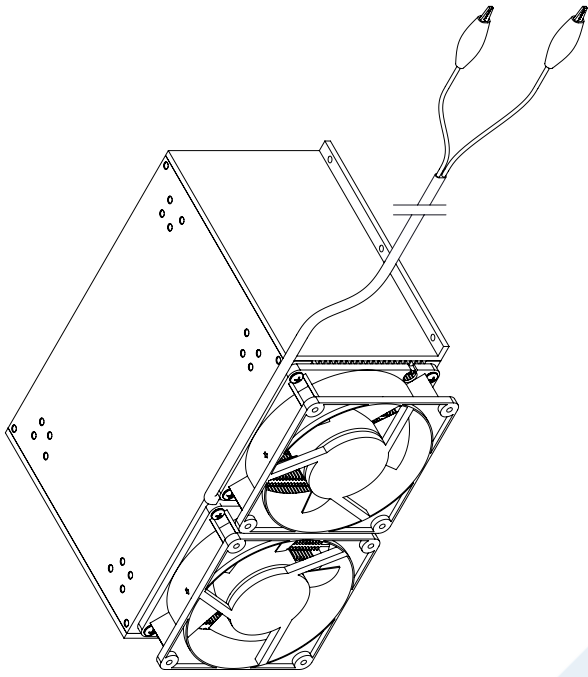
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# PE15G5068F CAD Drawing

Heatsink for amplifier models PE15A5060-5063,  
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| REV. | DESCRIPTION     | DATE     | APPROVED |
|------|-----------------|----------|----------|
| A    | INITIAL RELEASE | 07/30/19 | T.GALLA  |

### REVISIONS



UNLESS OTHERWISE SPECIFIED  
LEADING DIMENSIONS ARE INCHES  
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:  
X±.2 [5.08] FRACTIONS  
XX±.01 [25] ±.132  
.XXX±.005 [13] ANGLES ± 1°

ALL DIMENSIONS SHOWN  
ARE FOR REFERENCE ONLY.

THIRD-ANGLE PROJECTION



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SHEET 1 OF 10  
SCALE N/A

| SIZE | CAGE  | DRAWN BY | PART NUMBER | REV |
|------|-------|----------|-------------|-----|
| A    | 53919 | KDANG    | PE15G5068F  | A   |

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