



**LCAM-5/15**  
Linear Servo Brush-Type Amplifier

**Key Features**

- Linear - Designed for low noise operation
- High Output Current:
  - 5A Continuous output
  - 15A Peak output
- Wide Power Supply Range:
  - +24 to +70 Volts DC
- Wide Bandwidth:
  - 6.5kHz (90 degree phase shift)
- Current Mode Operation
- Fully Protected:
  - Low Speed Electronic Circuit Breaker
  - High Speed Electronic Circuit Breaker
  - Amplifier Over temperature
- Amplifier Enable Input
- Fault Indicator Output
- Status LEDs
  - Run LED
  - Inhibit LED
  - Fault LED
- Adjustable DC offset voltage

**Applications**

- Voice Coil Actuators
- X-Y Stages
- Robotics
- Magnetic Bearings

**Description**

The LCMA-5/15 Power Amplifier is a linear power amplifier designed to drive loads in current mode.

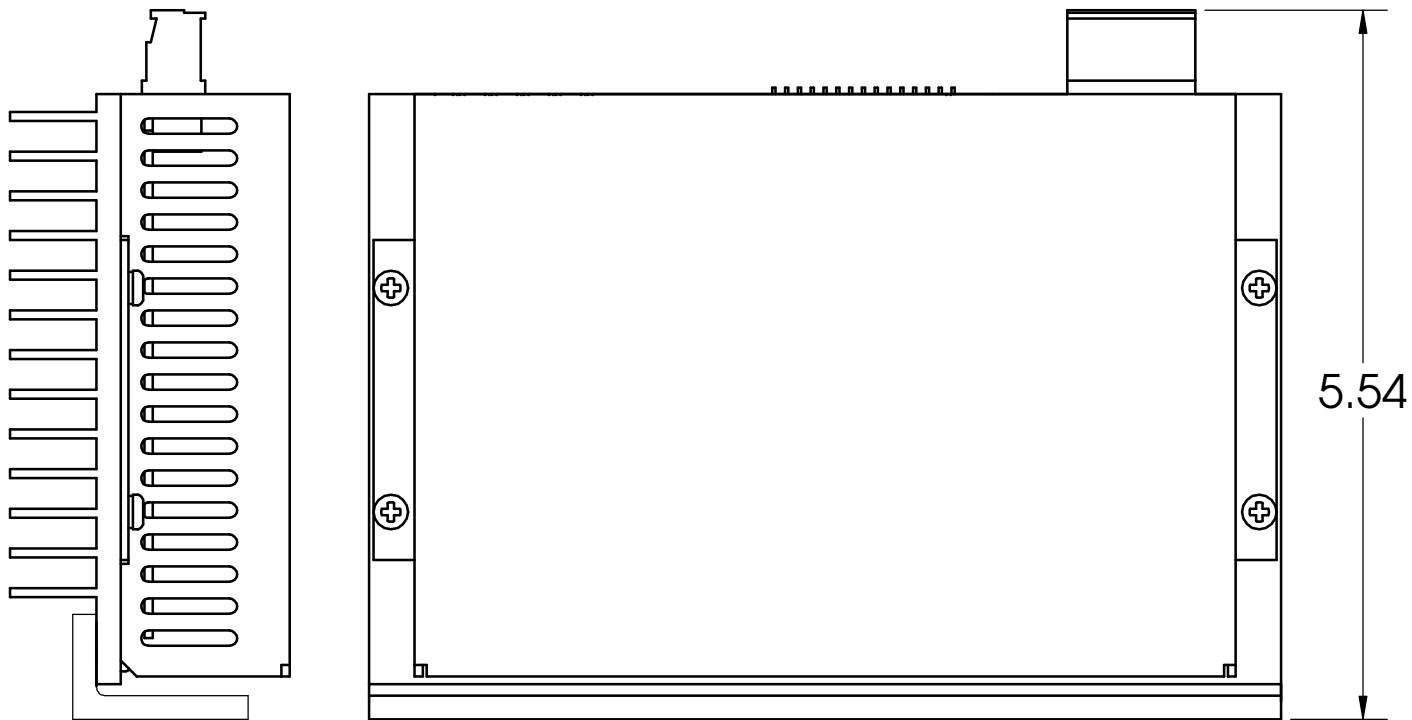
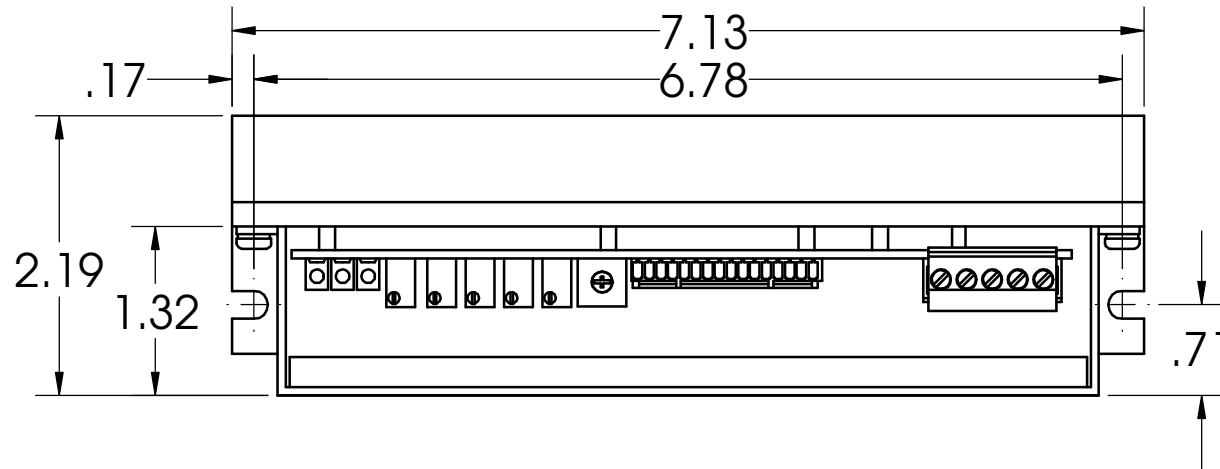
The amplifier is best suited for inductive loads such as dc-motors and voice coil actuators.

The unit displays low noise, wide bandwidth and an offset voltage adjustable to zero.

Designed to run from a single supply, the amplifier's features include; accurate current sensing, current limiting, and thermal protection.

**Innovation in Linear Motion**

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UNLESS SPECIFIED OTHERWISE: All dimensions are in inches Standard Tolerances are as follows .XXX ±.005 ANGLES ±1° .XX ±.010 FILLETS .010 X ±.020 CORNERS .010 Remove All Burrs and Sharp Edges				MATERIAL		TITLE		
				FINISH		<b>Linear Servo Brush Type Amplifier</b> <b>LCAM 5/15</b>		
DRAWN	DATE	APPROVED	DATE	DWG #	REV	SHEET		
OOG	9-1-12	MPW	9-1-12	<b>91-0005</b>	---	1 of 1		