

EC106 – Low Voltage Digital PWM Motor Control



Key Product Highlights

- For low voltage DC brush motors
- Versatile and adaptable to many applications
- Precise variable motor speed with feedback
- Digital control performance
- Expandable...easy to implement additional features

Typical Applications

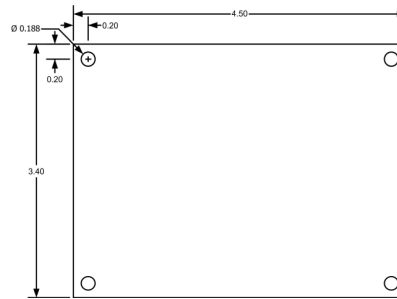
- Appliances
- Pumps
- Conveyors
- Traction system
- Others...

Benefits

- Motor soft start to extend life
- Higher power efficiency
- Quality, precise, versatile and reliable control
- Quick time to market

Features

- Input 12/24VDC, 5A maximum (upgradeable to 20A)
- PWM, variable duty cycle method; Unidirectional or bi-directional; 2 or 4 quadrant control methods
- Control inputs - potentiometer / tact switch
- Software control of coasting
- Operating temperature range 0 - 85°C, de-rating will apply
- Optional coating for humid/wet environments
- RoHS compliant.
- EMI compliant option available.



This is a standard product designed to work in several different applications. Features of the control can be tailored in order to customize it to your specific requirements.

For samples please call 1-800-527-4362

LCR Electronics designs, develops and manufactures EMI filters, Electronic controls, Motor controls, Backplane & Subsystems and Wire harnesses assemblies. All LCR products are designed and developed at the Norristown, PA facility. Electronic and Motor controls are manufactured at either LCR's wholly owned low cost China facility or at the US facility.