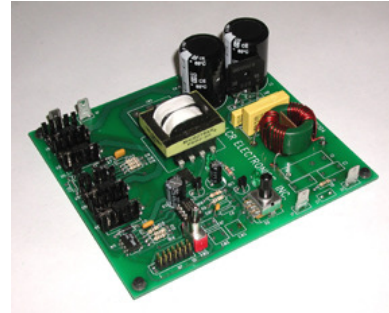


EC104 - Digital PWM Motor Control

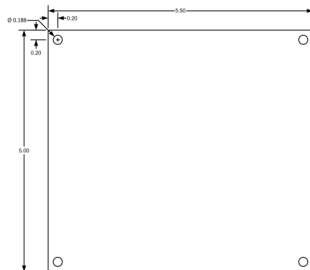
Key Product Highlights

- Versatile and adaptable to many applications
- Precise variable motor speed with feedback
- Digital control performance
- For single phase AC as well as DC brush motor
- Expandable...easy to implement additional features



Typical Applications

- Single phase AC motor
 - Fans
 - Blowers etc.
- DC brush motor
 - Conveyors
 - Traction systems
 - Pumps etc.
- Appliances
- Others...



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.

Benefits

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

Features

- Input 120/240VAC, load current 3A typical (upgradeable to 20A) output 150/300VDC
- Control inputs - potentiometer / tact switch
- DC: PWM, variable duty cycle method; Unidirectional or bidirectional; 2 or 4 quadrant control methods
- AC: variable frequency drive method
- Software control of coasting
- Operating temperature range 0 - 85°C, de-rating will apply
- Conformal coating for humid/wet environments
- RoHS compliant.
- EMI compliant option available

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.