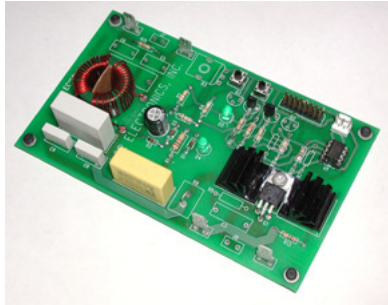


EC102 – “Smart” Digital Triac Control



Key Product Highlights

- Low cost
- Precise variable motor speed with feedback for Universal motors
- Digital control performance
- Lamp dimmer with tact switch selectors

Typical Applications

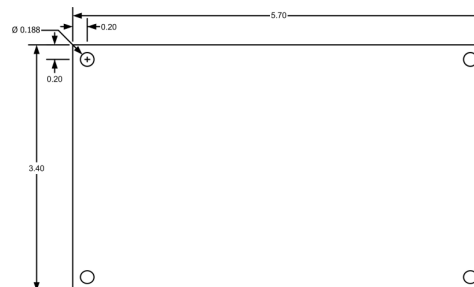
- Universal motor
 - Fluid pumps
 - Vacuum cleaners
 - Blenders, mixers
 - Small appliances etc.
- Lamp dimmers
- Others...

Benefits

- Motor soft start to extend life
- Quality, dependable, precise, low cost control
- Quick time to market

Features

- Input 120/240VAC, 12A maximum load current (upgradeable upon request)
- Control inputs - potentiometer / tact switch
- 20mA bias current
- LED's to indicate power and status
- Operating temperature range 0 - 85°C
- Conformal coating for humid/wet environments
- RoHS complaint.
- 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.