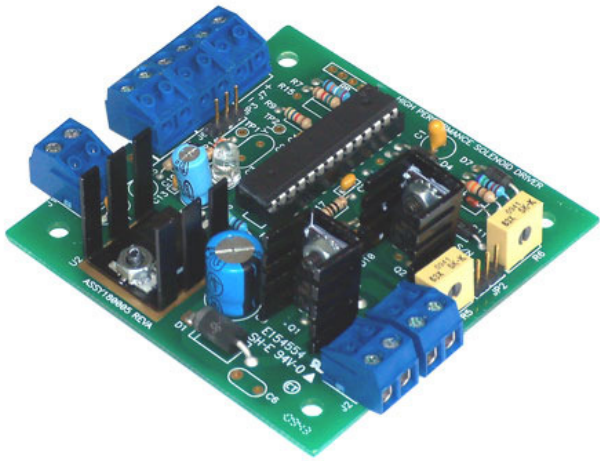
Pick and Drop Timer Solenoid Driver Module
PDD Series

The Pick and Drop Driver Module applies a single pulse to the device, then drops the supply voltage to zero. This is done by applying a signal to the trigger input of the module.

The trigger voltage could be a TTL / CMOS compatible signal or any voltage between 3.0 VDC and the DC power source supply voltage .

The pick time is set using an onboard potentiometer and can be adjusted up to one minute.

This product is RoHS complaint.



Features

- Plug-and-Play
- Quick and Easy to Install
- Low Cost
- Small Size
- Low Weight
- Highly Efficient
- Stand Alone
- Microcomputer Based, May Be Re-programmed for Your Application
- Highly Reliable
- Pulse Width Modulated (PWM)
- Single Supply, from +9 VDC to +50 VDC
- High Supply Voltage, +50 VDC
- High Output Current 15 Amps Peak, 4 Amps RMS
- RoHS Compliant

Typical Applications

- Solenoids
- Valves
- Relays
- Actuators
- Voice Coil Actuators
- DC Motors
- Hydraulics
- Electromagnets
- LEDs

Performance Specifications

Parameter	Min	Typical	Max	Units
Supply Voltage	9		50	VDC
Peak Current			15	Amp
Average Current			4	Amp
Command Range	3		Supply Voltage	VDC
Operating Temperature	0		50	Deg C

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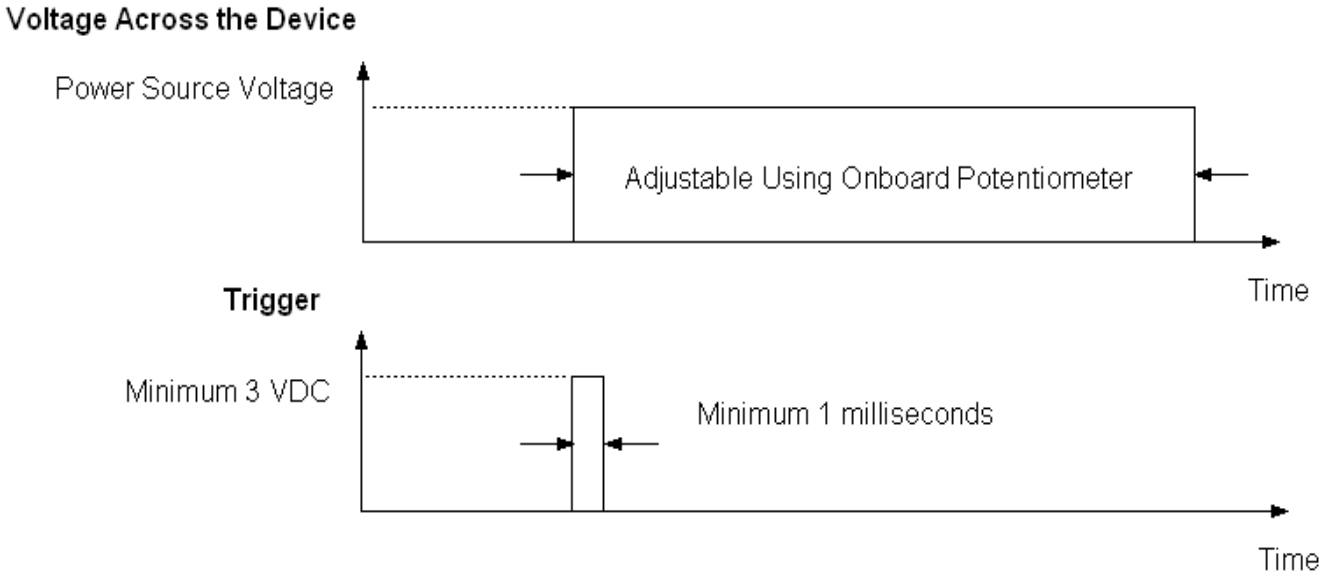
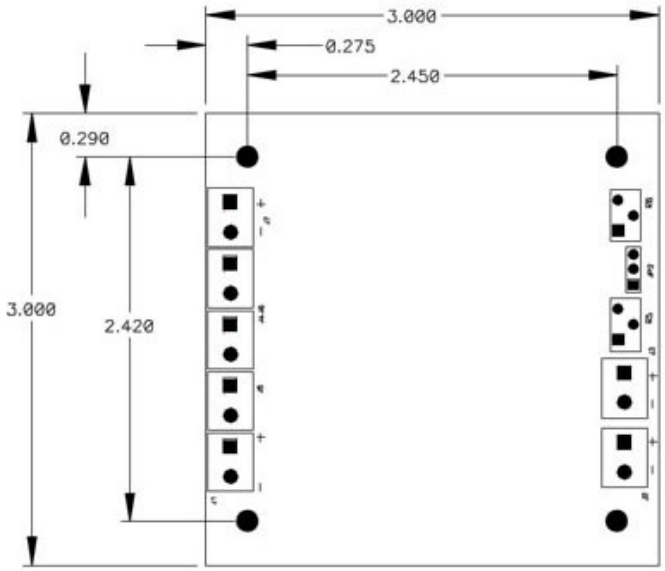
Performance Table

Part No.	Input Signal	Pick Voltage	Pick Time	Drop Voltage
PDD-01	Pulse, 3-50 VDC	Equal to Power Supply Voltage	Variable, Set by a Trim Potentiometer, 2 milliseconds and one minute.	Zero

Timing Diagram



Mechanical Specifications	
Mounting Pattern	Four 6-32 Screws, 0.15" Diameter (3.8 mm)
Dimensions	3.00” W, 3.00” D, 0.85” H (76.2 mm, 76.2 mm, 21.5 mm)



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