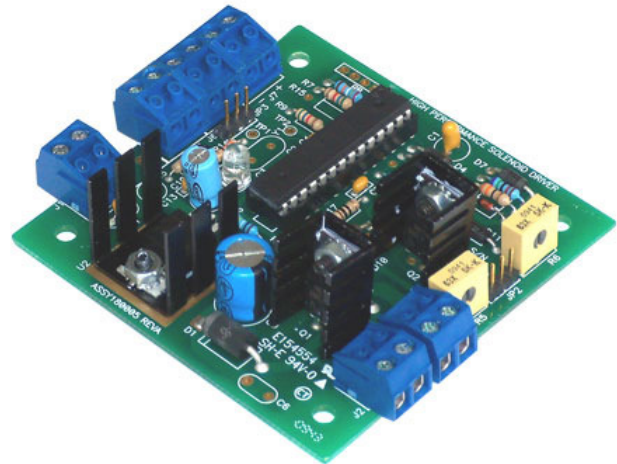


Pick and Hold Solenoid Driver Module PH-ET Series

The High Performance Pick and Hold Solenoid Driver Module is designed to avoid over heating of the solenoid coil once it is energized. It is done by applying an initial higher voltage to the solenoid coil to provide the necessary force (torque) to pull the plunger in. Then, when seated, drops the voltage down to a level sufficient to maintain the plunger in the seated position.

The pick time and hold voltage are variable and set using the onboard potentiometers.

This product is RoHS compliant.



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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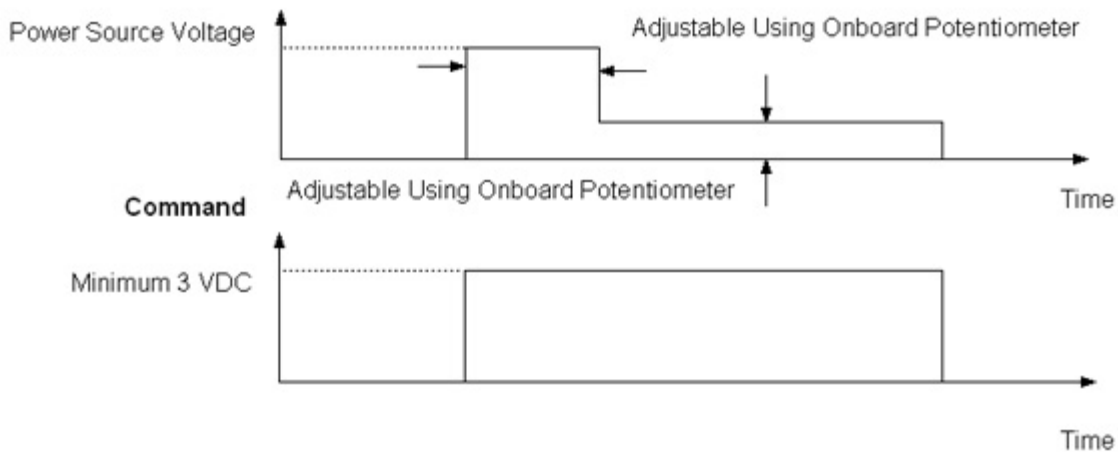
Phone (888) 777-1826
+1 (818) 222-9200
FAX +1 (818) 436-0446
E-mail oes@oes-site.com

Performance Table

Input Signal	Pick Voltage	Pick Time	Hold Voltage	Hold Time
Pulse, 3-50 VDC	Equal to Power Supply Voltage	Variable, Set by a Trim Potentiometer, 0 to 2000 msec	Variable, Set by a Trim Potentiometer, 0 to 100% of supply voltage	Indefinite

Timing Diagram

Voltage Across the Device



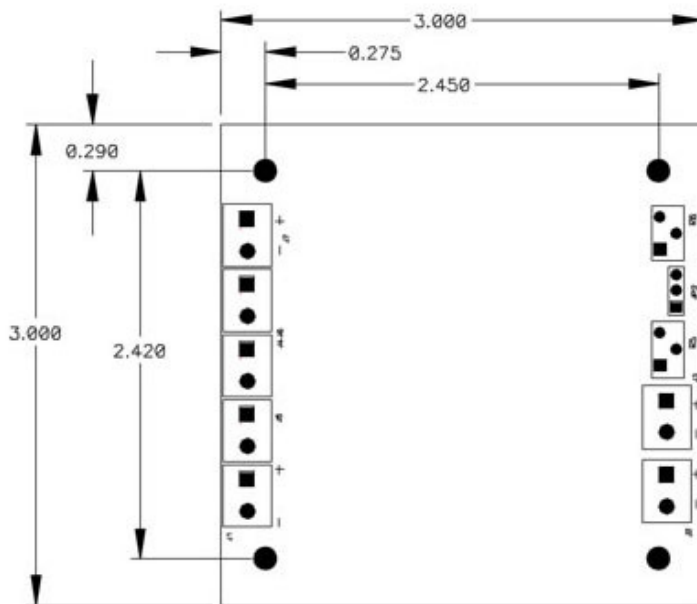
Mechanical Specifications

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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