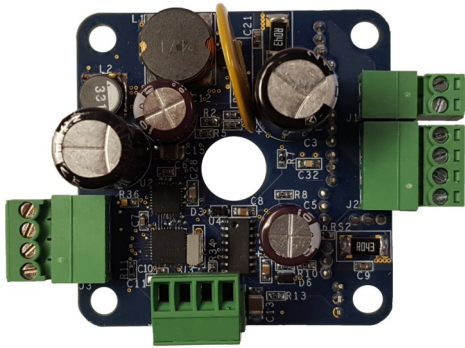


DATA SHEET



OMD35 Integrated Drive/Controller

The OMD35 is a microstep motor driver integrated with an advanced motion controller. Capable of microstepping up to 1/256 steps the OMD35 can support 7 Amp of motor phase current. Its small design is compatible to mount directly on to a NEMA 23 stepper motor, and includes a through-hole in the center so the shaft of a linear actuator motor can pass through when mounted on the motor. Without the heat-sync the OMD35 will support up to 4 Amps. The connectors are screw terminal plugs for easy and secure wiring.

FEATURES

- Integrated Stepper Motor Drive and Controller
- RS485 communications (ModBus optional)
- Velocity = 0 to 2M steps per second
- Step resolutions include: full, 1/2, 1/4, 1/8, 1/16, 1/64, 1/128, 1/256.
- Single supply voltage +18VDC to +80VDC
- Up to 7.0 Amp phase current for high torque motors
- Center pass-through hole for linear actuator stepper motors
- Up to 4 Amps without a heat-sink
- Motor current and microstepping set through the interface for convenience
- Matches the NEMA 23 dimension for direct motor mounting
- Use existing motors or select the optimum motor for the application for cost control and best performance
- Screw-terminal connector plugs for convenient and reliable wiring
- LED indicator for status
- Automatic current decay mode detection
- Control signal inputs support +5 to +20V

“The Company in Motion”™

OMS Motion, Inc.

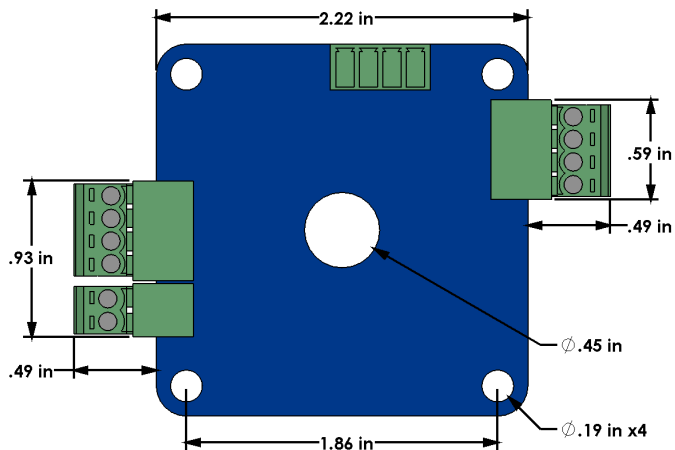
15201 NW Greenbrier Pkwy, B-1
Beaverton, Oregon 97006

503-629-8081, Fax: 503-629-0688

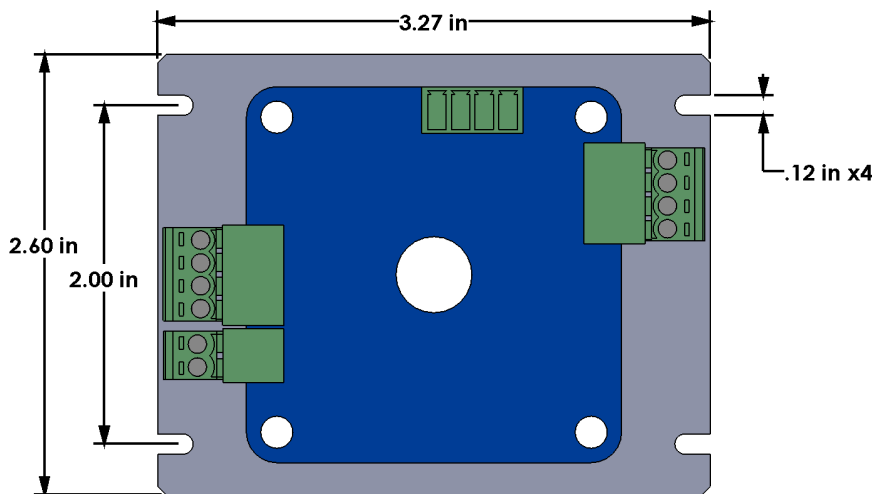
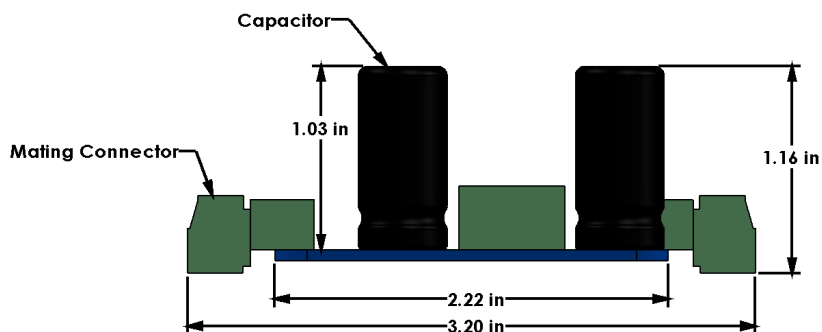
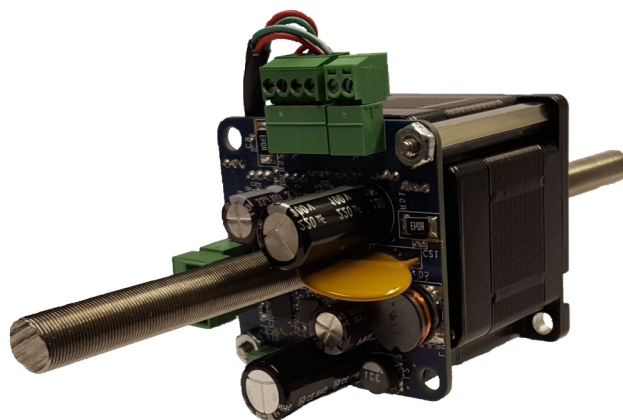
E-mail: SalesOR@OMSmotion.com

www.OMSmotion.com

Dimensions



Typical Application



With Heat-Sink



ISO 9001
QMI-SAI Global

ORDERING INFORMATION	
Model	Description
OMD35	Integrated Stepper Drive & Controller, 7A



www.OMSmotion.com

1(800) 707-8111, 503-629-8081
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