

# Options for Hybrids: Integrated Connectors

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HYBRID LINEAR ACTUATOR  
STEPPER MOTORS



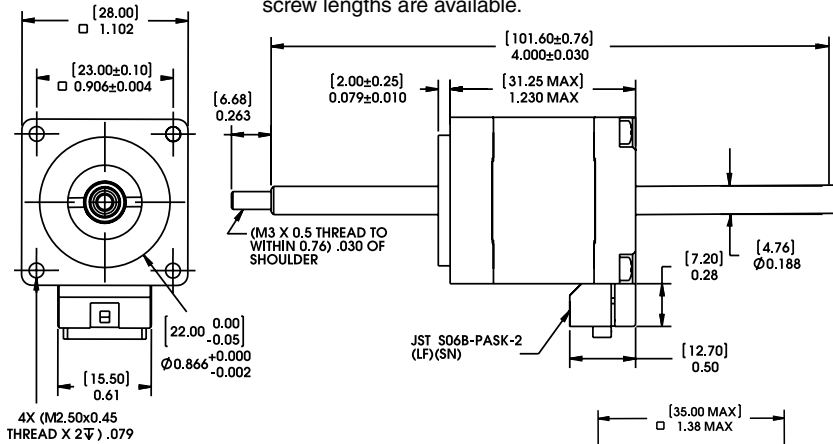
Size 14 external, non-captive and captive with integrated connectors

## Integrated Connectors for Size 11, Size 14 and Size 17 Hybrid Linear Actuators

Hybrid Size 11, Size 14 and Size 17 linear actuators are available with an integrated connector. Offered alone or with a harness assembly, this connector is RoHS compliant and features a positive latch in order for high connection integrity. The connector is rated up to 3 amps and the mating connector will handle a range of wire gauges from 22 to 28. This motor is ideal for those that want to plug in directly to pre existing harnesses. In addition to standard configurations, Haydon Kerk Motion Solutions can custom design this motor to meet your specific application requirements. This includes standard and custom nuts for all external linear actuators. See page 24 for standard anti-backlash nuts that are available for most lead-screws.

### Dimensional Drawing: Series 28000 Size 11 with Integrated Connector

Dimensions = (mm) inches Up to 8-in (203 mm) standard screw lengths. Longer screw lengths are available.



### Motor Connector:

JST part # S06B-PASK-2

### Mating Connector:

JST part # PAP-06V-S

Haydon Kerk Part #56-1210-5 (12 in. Leads)

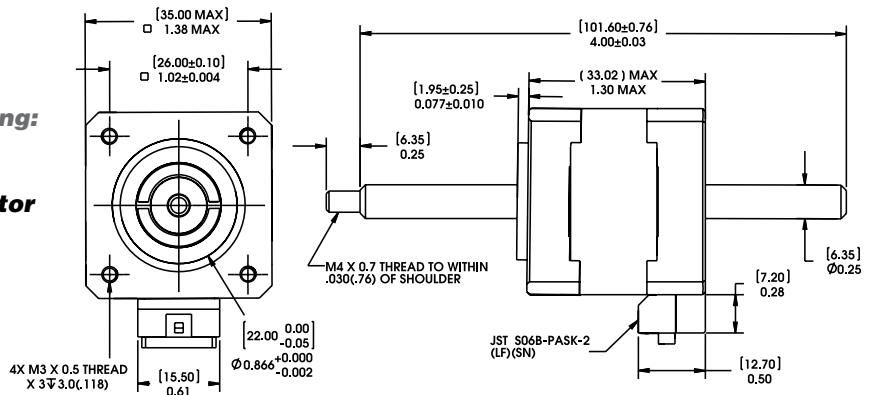
### Wire to Board Connector:

JST part number SPHD-001T-P0.5

Pin #	Bipolar	Unipolar	Color
1	Phase 2 Start	Phase 2 Start	G/W
2	Open	Phase 2 Common	-
3	Phase 2 Finish	Phase 2 Finish	Green
4	Phase 1 Finish	Phase 1 Finish	R/W
5	Open	Phase 1 Common	-
6	Phase 1 Start	Phase 1 Start	Red

### Dimensional Drawing: 35000 Series Size 14 with Integrated Connector

Dimensions = (mm) inches  
Up to 10-in (254 mm) standard screw lengths. Longer screw lengths are available.



### Dimensional Drawing: 43000 Series Size 17 with Integrated Connector

Dimensions = (mm) inches

Up to 10-in (254 mm) standard screw lengths. Longer screw lengths are available.

