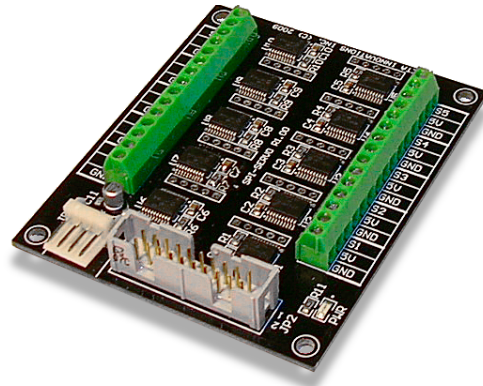


The SPI-SERVO card is designed to control up to ten 5V Servos at 10-bits (1024 steps) per channel.

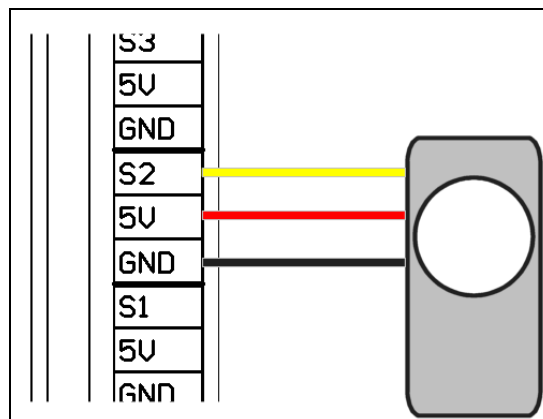
Features:

- 10 channels
- 10-bit resolution (1024 steps) per channel
- Extended pulse width range from 850 μ sec to 2500 μ sec
- 20 ms period
- 3 Amps total or ~300 mA per channel



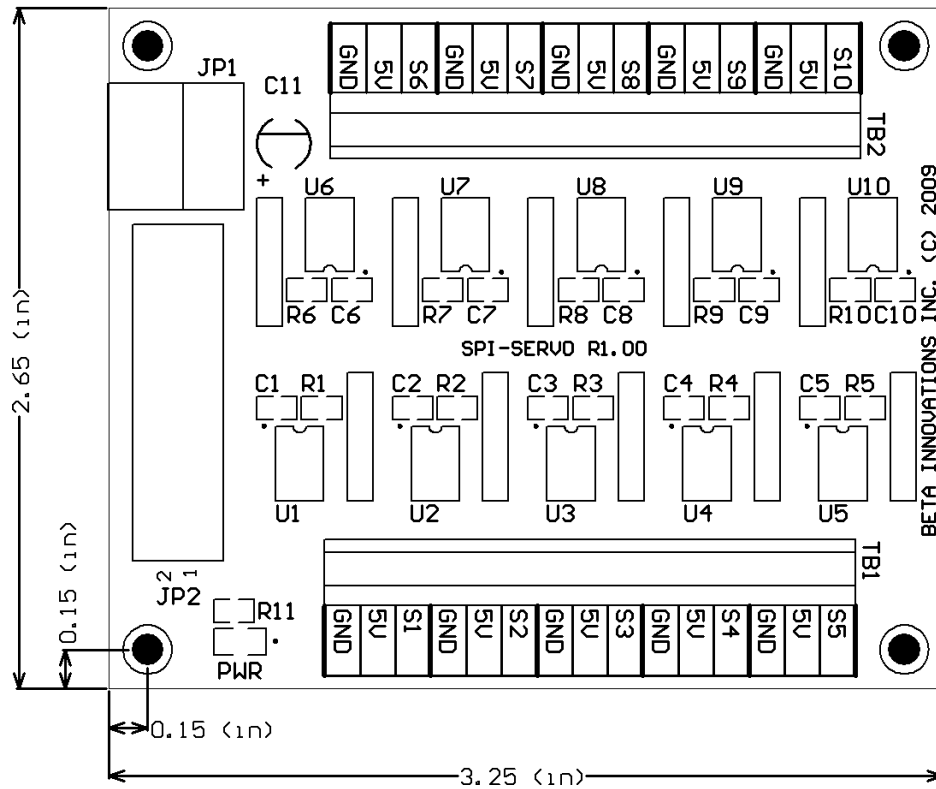
Connecting the SPI-SERVO card:

1. Set the ElectronFlux output port to *SPI* mode, *Channel Bits* to 10 and *Damping* to the desired level in the Device Manager.
2. Connect port *JP2* on the SPI-SERVO card to the ElectronFlux port using a keyed 20 pin IDC ribbon cable.
3. Plug in the power supply to connector *JP1*.
4. Connect Servos' yellow wire to the "S" signal outputs, the red wires to the 5V and black wires to the *GND* terminals on the card.



CAUTION: Do not exceed 3 Amps total current draw on the card.

Mechanical Specifications:



Visit www.betainnovations.ca for the availability of expansion modules and accessories.