

# Joystick Instructions and Cautions

## Rev\_01

### Electrical Connection:

#### Power

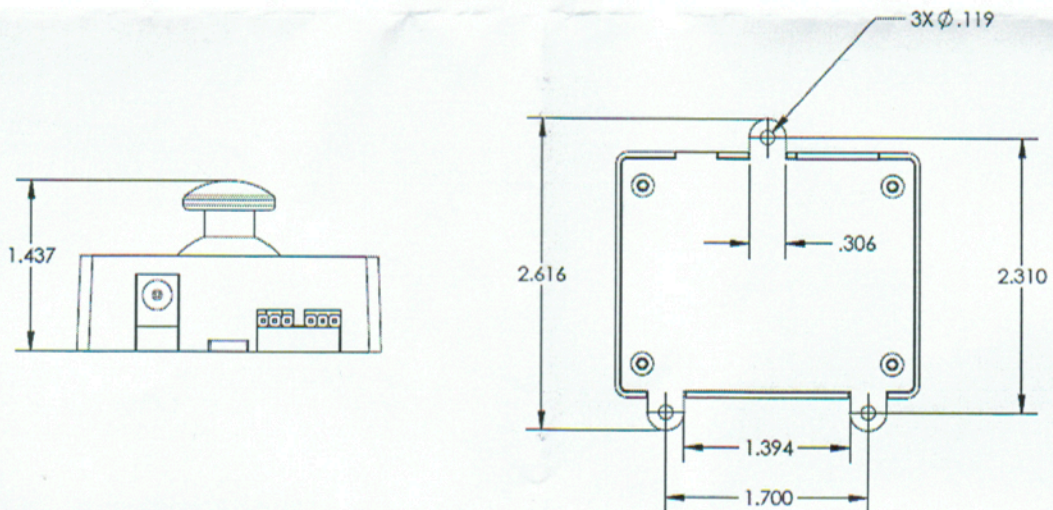
The Joystick module requires a 5 volt DC power supply. Power is received through a common 5mm barrel-type power jack, with a 2.1mm center pole diameter. The center pole is positive and the circuit is reverse polarity protected.

#### Signal

The two ports consist of three pins each and are designated with *S* for *Signal*, *P* for *Power*, and *G* for *Ground*. The pins are right angle .10" pitch headers. There are 5 volts DC between *P* and *G*. Pin order allows direct connection of Torxis, Hi-Tec, and other servos.

### Mechanical Details:

The Joystick is programmed to allow 180 degrees of total travel, 90 degrees in each direction from starting position for standard servos. There are three tabs protruding from the base that allow the module to be mounted. The mounting holes provided by these tabs are nominally 0.11 inches.



**Caution:** When this unit is powered up or when servos are attached with the power on, the servo may cycle from end position to start position.