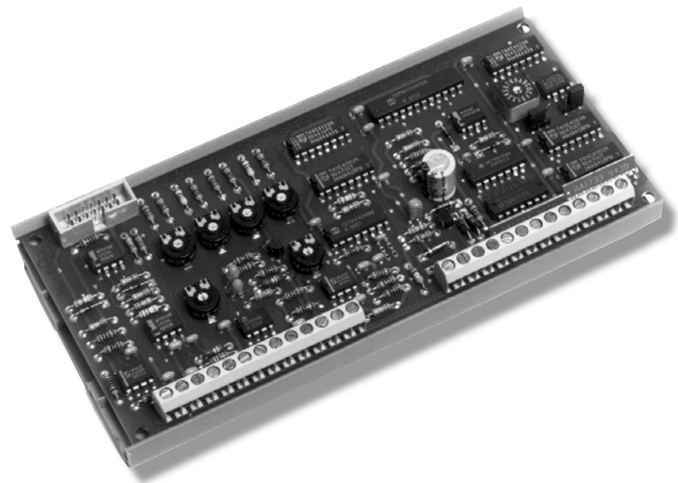


# TM2000 - Universal Oscillator

SPEC SHEET

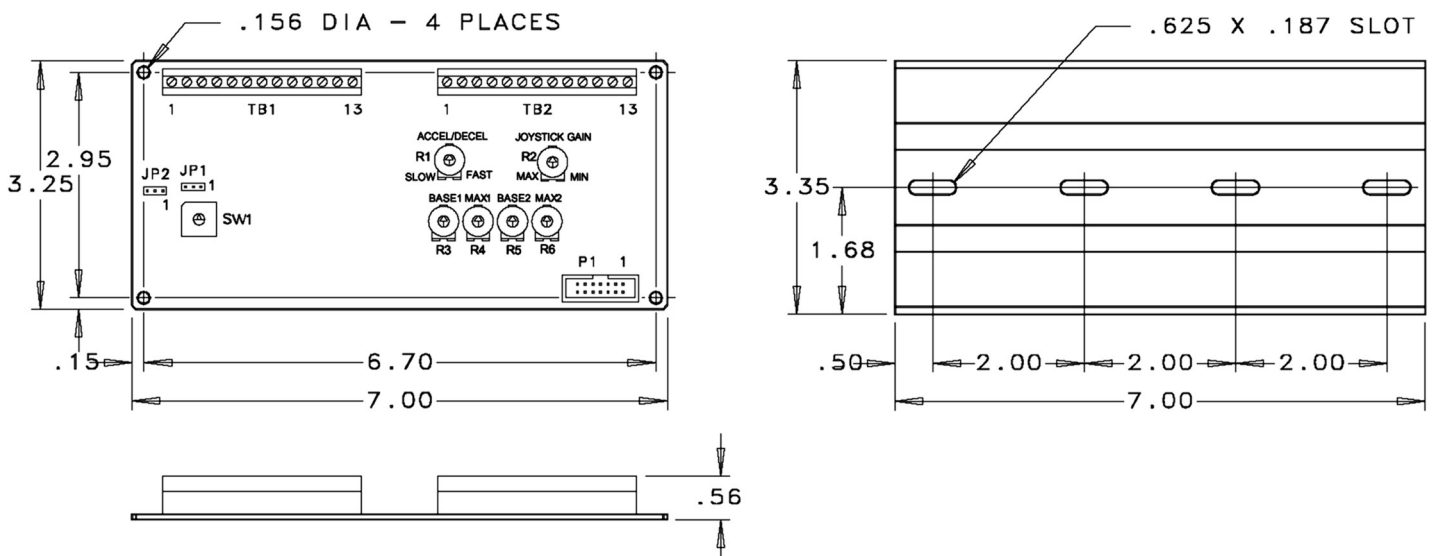
- Joystick Input
- Adjustable Linear Accel/Decel
- Pulse Rates from .19hz to 2.56mhz
- 2 Adjustable Base Speed Pots
- 2 Adjustable Max Speed Pots
- Remote Pot Input
- 0VDC to +10VDC VCO Input
- -5VDC to +5VDC VCO Input
- Trackmount Board



## General Description

The TM2000 is a linear ramping pulse generator and joystick controller designed to be used with Anaheim Automation step motor drivers. It has several input options including 4 on-board speed pots (2 base speeds and 2 max speeds), a remote pot input, a 0-10VDC VCO input, a -5VDC to +5VDC VCO input, and a joystick input. Three select lines determine which input option is used. Using the three select lines, the user can switch from one mode to another. The joystick input and -5VDC to +5VDC VCO input have automatic start-stop and direction control. This pulse generator is capable of producing pulse rates up to 2.5MHz. A 16-position rotary switch can be used to divide the normal output clock by 2 to 65536. The board can be powered up by a regulated +5VDC supply, an unregulated +12VDC supply, or a 9VAC supply.

## Dimensions



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