

**The Connor-Winfield Corporation**

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### **Connor-Winfield Introduces TiMax TI125 OEM Surface Mount GPS Module for use in Synchronization and Timing Applications**

The TiMax TI125 is a small OEM surface mount GPS module that has been specifically designed for use in synchronization and timing applications.

The TI125 has an on-board programmable NCO oscillator that outputs a synthesized frequency up to 30 MHz that is steered by the GPS receiver. The self-survey mode of operation allows the receiver to enter a position hold mode to allow accurate timing to be continued with only one satellite being tracked.

The output frequency is highly accurate and can achieve full PRC MTIE performance; and can also track satellites and provide GPS synchronization in weak signal areas such as indoor applications. This reduces the need for high antenna placement typically in many environments. The TiMax TI125 is an exceptionally small surface mount package (25mm x 27mm x 4mm) with a highly integrated architecture that requires the minimum of external components allowing easy integration into host systems.

#### **Product Features and Applications:**

- Size: 25mm x 27mm x 4.2mm
- Tracking: -186dBW
- Frequency Output: 10 Hz to 30 MHz
- Application: Synchronization, Timing, Indoor Timing, GPS Timing Modules.

Price: \$47.00 @ 1,000 pieces

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