

# Ultra-Miniature Precision TCXO / VCTCXO Model Cxx Series

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### Description

The Connor-Winfield 2.5x3.2mm Temperature Compensated Crystal Oscillators and Voltage Controlled Temperature Compensated Crystal Oscillators are designed for use in GPS applications requiring tight frequency stability over the -30 to 70°C, -30 to 85°C or -40 to 85°C

temperature range. Through the use of Analog Temperature Compensation, this device is capable of holding sub 1-ppm stabilities over the wide temperature range.

## **Pad Connections**

- 1. VCTCXO Control Voltage (Vc) TCXO - N/C
- 2. Ground
- \_2. Grou
- 3. Output 4. Supply Voltage (Vcc)
  - Package Layout



#### **Features**

- 1.8, 2.5, 2.8 or 3.3 Vdc Operation
- Clipped Sinewave Output Logic
- Ultra-Miniature 2.5x3.2mm SMT Package
- Frequency Stabilities Available:
  - ±0.50ppm, ±1.00ppm, ±1.50ppm or ±2.00ppm
- Temperature Ranges Available: -20 to 70°C, -30 to 85°C or -40 to 85°C
  Low Power <2mA</li>
- Low Power <2mA</li>
   Low Power <2mA</li>
- Low Jitter <1ps RMS
- Tape and Reel Packaging
- RoHS Compliant / Lead Free
- Recommended for new designs

#### Applications

**GPS** Receivers

# Suggested Pad Layout

