

PURE SPECTRUM TCXO - VCTCXO
Specification:
TX14- Sinewave Series



Description:

The Connor-Winfield's TX14 Sinewave Series of Temperature Compensated Crystal Oscillators and Voltage Controlled Temperature Compensated Crystal Oscillators are designed for use in S3 Telecom Applications. Through the use of Analog Temperature Compensation, this device is capable of holding sub 1-ppm stabilities over the commercial or the industrial temperature ranges. All models will meet ± 4.6 ppm accuracies for twenty years. STRATUM 3 compliant models are available.



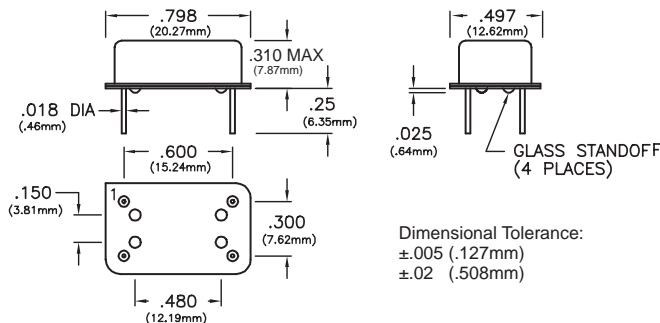
The TX14 series provides temperature stabilities in the range of ± 0.28 ppm to ± 2.50 ppm, over the commercial, extended commercial or the industrial temperature range.

The TX14 series is available with Sinewave output along optional Electronic Frequency Tuning (VCTCXO). These oscillators provide outstanding phase noise characteristics that will meet the most stringent requirements.

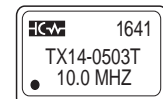
Features:

- TCXO / VCTCXO
- Frequency Range: 6.4 to 100 MHz
- 3.3 Vdc or 5.0 Vdc Operation
- Sinewave Output
- Frequency Stabilities Available: ± 0.28 ppm, ± 0.5 ppm, ± 1.0 ppm or ± 2.5 ppm **STRATUM 3**
- Temperature Ranges Available: 0 to 70°C, -20 to 70°C or -40 to 85°C
- Frequency Tolerance: ± 4.60 ppm for 20 years.
- Low Jitter <1ps RMS
- Voltage Control on Pin 1
- Hermetically Sealed 14 Pin DIP Package
- RoHS Compliant / Lead Free **RoHS**
- Recommended for New Designs

Package Outline



Marking Diagram



Pin Connections

- 1: NC or Voltage Control (Vc)
- 7: Ground
- 8: Output
- 14: Supply Voltage (Vcc)

Ordering Information

TX14-	28	0	7	T	-020.0M
Oscillator Type	Frequency Stability	Temperature Range	Supply Voltage Output Type	TCXO Type	Output Frequency
14 Pin DIP TCXO or VCTCXO	28 = ± 0.28 ppm 05 = ± 0.50 ppm 10 = ± 1.00 ppm 25 = ± 2.50 ppm	0 = 0 to 70°C 1 = -20 to 70°C 2 = -40 to 85°C	7 = 3.3 Vdc, Sinewave 8 = 5.0 Vdc, Sinewave	T = TCXO (Fixed Freq.) V = VCTCXO (Voltage Controlled)	Frequency Format -xxx.xM Min.* -xxx.xxxxxxM Max*

*Min 1, Max 6 digits after the decimal point.
M = MHz