

TT3000

RoHS Compliant Standard

## TCXOs, VCTCXOs

# TT-VT3000 Series TCXO/VCTCXO Ultra Low Profile, SMD

### Features:

- ◆ Up to 40.00 MHz
- ◆ Ultra-miniature SMD package
- ◆ +2.8 volt operation available
- ◆ Low current drain

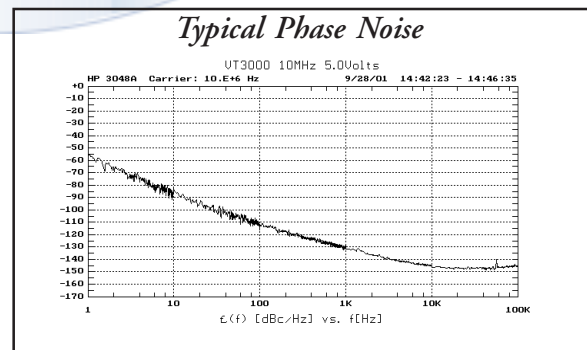
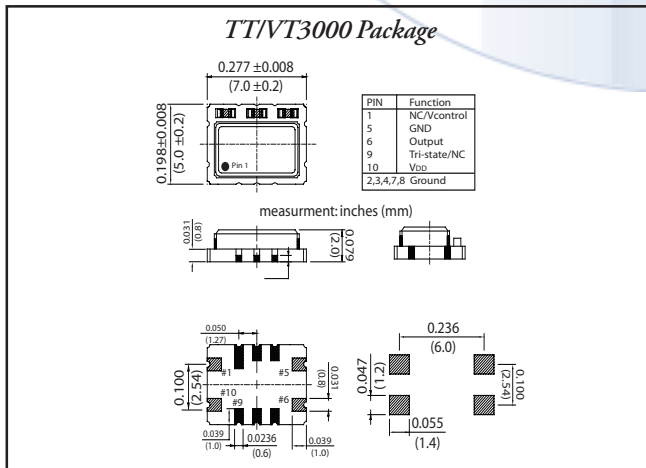
### Model: TT/VT3000 Series Specifications

Parameter	TCXO	VCTCXO
Frequency Range	10.00 ~ 40.00 MHz <sup>1</sup>	
Operating Temperature Range	0 to 55°C to -40 to 85°C	
Frequency vs. Temperature	±0.5 to ±5.0 ppm	
Stability vs. Supply Voltage	±0.2 ppm (±5% change)	
vs. Aging	±1.0 ppm/year	
Supply Voltage	+2.8 V, +3 V or +5 V ±5%	
Current Consumption	10.00MHz to 14.99MHz	1.5 mA max.
	15.00MHz to 25.99MHz	2.0 mA max.
	26.00MHz to 40.00MHz	2.5 mA max.
Output Load	0.8V p-p max. (Clip Sine)	
Output Logic	10 kΩ // 10 pF (±10%)	
Input Impedance	1.0 MΩ	
Start up Time	2 mSec	
Deviation (VCTCXO only)	N/A	±25 ppm Max.
Control Voltage (VCTCXO only)	N/A	+0.5 to +2.5 V

(1) 36.00 to 40.00MHz only availave at 2.8 volts to 3.3 volts.

TCXO/ VCTCXO: TT-VT3000 Series

TCXO/ VCTCXO: TT-VT3000 Series



Tellurian® Technologies, Inc.

1801 Hicks Road • Rolling Meadows, IL 60008 • Tel 847-934-4141 • Fax 847-934-4175  
• Email: info@telluriantech.com • www.telluriantech.com