



TT2200

RoHS Compliant Standard

TCXOs, VCTCXOs

TT-VT2200 Series TCXO/VCTCXO

STRATUM III, SMD

Features:

- ❖ Tight Stability
- ❖ HCMOS
- ❖ SMD package
- ❖ High Frequencies

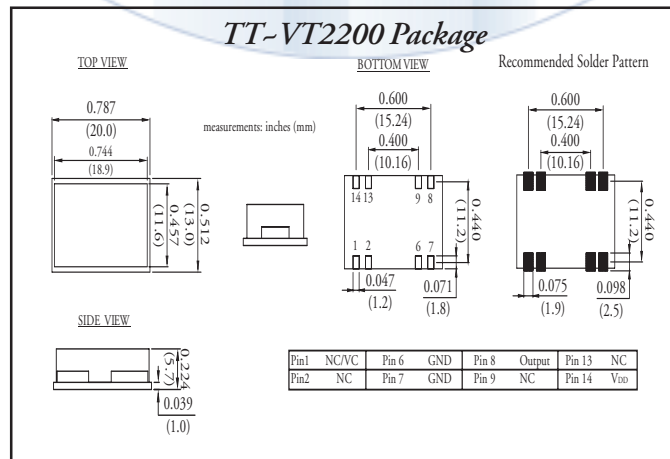
Model: TT/VT2200 Series Specifications

Parameter	TCXO	VCTCXO
Frequency Range	50.00 -120.00 MHz	
Operating Temperature Range	-20 to 70°C and -40 to 85°C	
Frequency Tolerance at 25°C	±0.8 ppm max.	
Frequency Stability (Overall) ⁽¹⁾	±4.6 ppm	
Supply Voltage	+3.3V, +5.0 V ±5%	
Current Consumption	40 mA max.	
Output	CMOS	
Load	15 pF	
Level	90% V _{CC} // 10% V _{CC}	
Duty Cycle	45% // 55%	
Tri-State	80% V _{CC} high // 20% V _{CC} low	
V _c Input Impedance	50 K Ohms	
Start up Time	2 mSec	
Deviation (VCTCXO only)	±5 ppm Min. ±8 ppm Max.	
Control Voltage (VCTCXO only)	+0.5 to +2.5 V (VCTCXO only)	

Note 1: Aging 1st year= 0.8 ppm max.; 20 years = ±2.8 ppm max.; Frequency Stability vs Supply Voltage = ±0.2 ppm max.

TCXO-VCTCXO: TT-VT2200 Series

TCXO/VCTCXO: TT-VT2200 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