



TT4000CS

RoHS Complaint Standard

TCXOs, VCTCXOs

TT~VT4000CS Series TCXO/VCTCXO

Stratum III, SMD

Features:

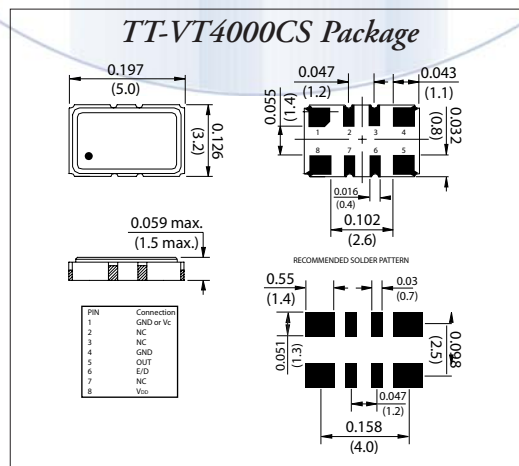
- ◆ Up to 52.00MHz
- ◆ Low Aging
- ◆ Low Stability
- ◆ Clipped Sine Wave

Model: TT/VT4000CS Stratum III Series Specification

Parameter	TCXO	VCTCXO
Frequency Range	10.00 - 52.00 MHz	
Operating Temperature Range	-10 to 70°C or -40 to 85°C	
Frequency Tolerance @ 25°C	±0.5 ppm max.	
Frequency Stability		
vs. Temperature	±0.28 ppm max. (-40 to 85°C)	
vs. Supply Voltage	±0.05 ppm (±5% change)	
vs. Load	±0.05 (±10% change)	
vs. Aging	±0.5 ppm max./ Year	
Supply Voltage	+2.7 V to +5.5V	
Current Consumption	2.4 mA max.	
Output	Clipped Sine Wave	
Output Load	10 K Ohm // 10 pF	
Output Voltage	0.8 V p-p min.	
Phase Noise	-135 dBc/Hz @ 1 kHz	
Deviation (VCTCXO only)	±3 ppm min. // ±15 ppm max.	
Control Voltage (VCTCXO only)	+1.5 V ±1.0V	

TCXO~VCTCXO: TT~VT4000CS Series

TCXO~VCTCXO: TT~VT4000CS 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