

CLOCK OSCILLATORS

T4000SS Series Clock Oscillator Spread Spectrum



T4000SS

Features:

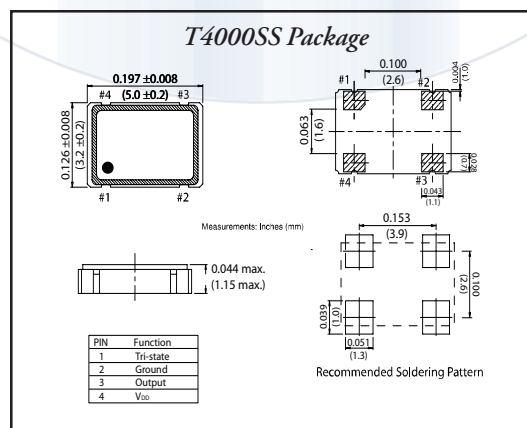
- ◆ Low EMI Output
- ◆ Spread Spectrum
- ◆ Ceramic SMD package
- ◆ Tape and Reel Available

Model: T4000SS Series Specifications

Parameter	Unit	Min.	Max.
Frequency Range (1)	MHz	1.00	168
Operating Temperature Range	°C	-10	70
Frequency Stability	ppm	-	±50
Supply Voltage Variation (5%)	V	2.5, 3.3 ±5%	
Supply Current	mA	-	30
Waveform		CMOS	
Load	pF	15	
Spread Spectrum			
Center Spread		±0.5%/±1.0%/±2.0%	
Down Spread		±1.0%/±2.0%/±4.0%	
Output Voltage			
Logic Low	V	90%	-
Logic High	V	-	10%
Duty Cycle		50% ±10	
Transition Times (Rise/Fall)	nSec	-	5
Aging per year	ppm	-	±5
Tri-State		Pin 1	
Enable	V	0.7	-
Disable	V	-	0.3
Jitter: pk-pk	ps	100	200

CLOCK OSCILLATOR: T4000SS Series Spread Spectrum Clock

CLOCK OSCILLATOR: T4000SS Series Spread Spectrum Clock

**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