



T3000MIL

CLOCK OSCILLATORS

T3000MIL Series XO

Military Standard, SMD



Features:

- ◆ Meets MIL STD 883
- ◆ Ceramic SMD package
- ◆ Extended Temperature Range
- ◆ Tape and Reel Available

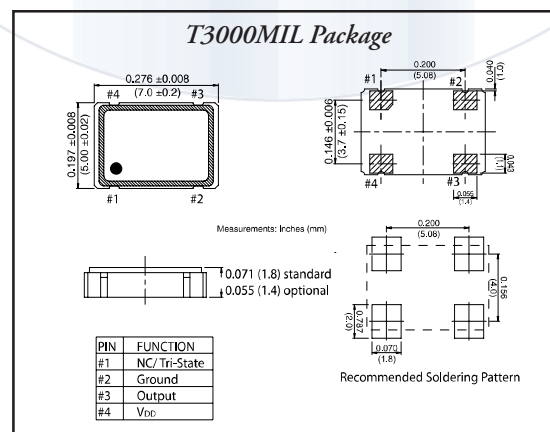
Model: T3000MIL Series Specifications

Parameter	Unit	Min.	Max.
Frequency Range	MHz	1.00	200
Operating Temperature Range	°C	-55	125
Frequency Stability (1)	ppm	-	±100
Supply Voltage Variation (5%)	V	1.8, 2.5, 3.3	
Supply Current	mA	-	1
Waveform		CMOS	
Load	Ohms	50	
Output Voltage			
Logic Low	V	90%	-
Logic High	V	-	10%
Duty Cycle		50% ±5	
Transition Times (Rise/Fall)	nSec	-	10
Aging per year	ppm	-	±3
Tri-State		Pin 1	
Enable	V	0.7	-
Disable	V	-	0.3
Start Up Time	mSec	-	10

(1) Inclusive of calibration at 25°C, operating temperature range, input voltage variation, load variation, aging, shock and vibration.

CLOCK OSCILLATOR: T3000LMIL Military Grade

CLOCK OSCILLATOR: T3000MIL Military Grade



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