



CLOCK OSCILLATORS

T3000TP Series PECL XO



Miniature Ultra Low Profile, SMD

T3000TP

Features:

- ◆ PECL Output
- ◆ High Frequencies
- ◆ Ceramic SMD package
- ◆ Tape and Reel Available

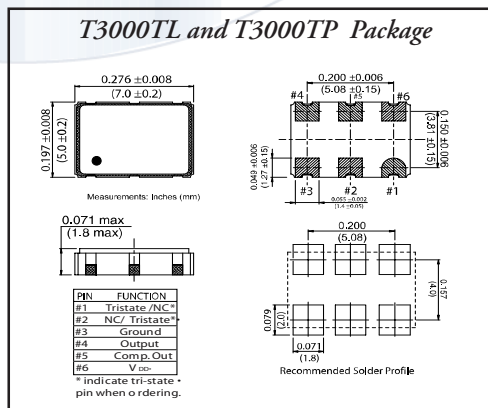
Model: T3000TP Series Specifications

Parameter	Unit	Min.		Max.	
		2.5V	3.3V	2.5V	3.3V
Frequency Range	MHz	9.50	9.5	200	200
Operating Temperature Range	°C	See Table			
Frequency Stability (1)	ppm	See Table			
Supply Voltage Variation (5%)	V	2.375	3.135	2.625	3.465
Supply Current	mA	-	-	88	88
Load	Ohms			50	50
Waveform		LVPECL			
Output Voltage					
Logic Low	V	1.025	1.025	-	-
Logic High	V	-	-	1.62	1.62
Transition Times (Rise/Fall)	nSec	-	-	1.0	1.0
Aging per year	ppm	-	-	±3	±3
Storage Temperature	°C	-55 to 125			
Tri-State		Pin 1			
Enable	V	0.7	0.7	-	-
Disable	V	-	-	0.3	0.3
Start Up Time	mSec	-	-	10	10
RMS Phase Jitter (12 kHz to 20 MHz)	pSec	-	-	1	1

(1) Inclusive of calibration @ 25°C, operating temperature, Input voltage change, load change, shock, and vibration. Tighter stabilities available- contact Factory.

Temperature	Stability (ppm)
0 to 70°C	±25, ±50, ±100
-10 to 70°C	±25, ±50, ±100
-20 to 70°C	±25, ±50, ±100
-40 to 85°C	±50, ±100

T3000TP Standard Frequencies (MHz)
38.88, 62.5, 77.76, 100.0, 106.25, 125.0, 155.25
156.25, 159.375, 187.5, 212.5, 250.0, 312.5, 622.08



CLOCK OSCILLATOR: T3000TP Surface Mount PECL

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