

CLOCK OSCILLATORS

T3000TP Series PECL XO

Miniature Ultra Low Profile, SMD



T3000TP

RoHS Compliant Standard

Features:

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

Model: T3000TP Series Specifications

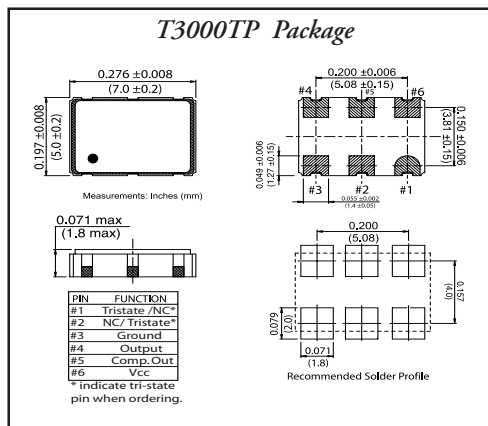
| Parameter | T3000TP |
|-------------------------------------|------------------------------|
| Frequency Range | 1.50 to 800.00MHz |
| Operating Temperature | See Table |
| Frequency Stability ⁽¹⁾ | See Table |
| Supply Voltage | 2.5 - 3.3 V |
| Start Up Time | 3mSec max. |
| Linearity | 20% |
| Supply Current | |
| (38.88 to 159.99MHz) | 75mA |
| (160.00 to 700MHz) | 100mA |
| Load | 50Ω PECL |
| Duty Cycle | 40 / 50% (45 / 55% optional) |
| Rise and Fall Time | 1.0nsec max. |
| Tri-state | |
| Output Active | 2.5V |
| Output High | 0.5V |
| Start-up Time | 10 mSec max. |
| RMS Jitter (Integrated 12kHz-20MHz) | 4 pSec max. |

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

CLOCK OSCILLATOR: T3000TP Surface Mount PECL

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| Temperature | Stability (ppm) |
|-------------|-----------------|
| 0 to 55°C | ±25, ±50, ±100 |
| -10 to 60°C | ±25, ±50, ±100 |
| -20 to 70°C | ±25, ±50, ±100 |
| -40 to 85°C | ±50, ±100 |



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