

T3000MIL

RoHS Complaint Standard

# CLOCK OSCILLATORS

## T3000MIL Series XO

### Military Standard, SMD

#### Features:

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

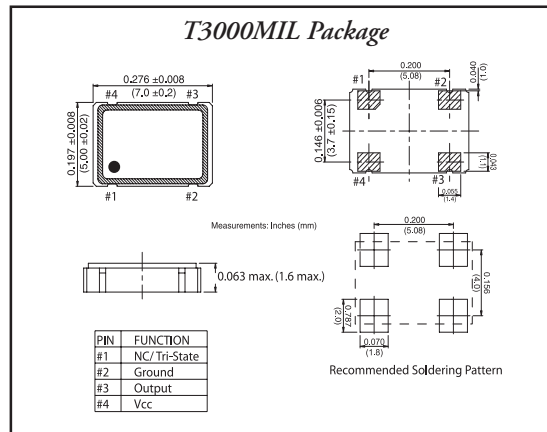
#### Model: T3000MIL Series Specifications

| Parameter                          | T3000MIL                     |
|------------------------------------|------------------------------|
| Frequency Range                    | 1.00 to 200.00 kHz           |
| Operating Temperature              | -55 to 125° C                |
| Frequency Stability <sup>(1)</sup> | ±100 ppm (i)                 |
| Supply Voltage                     | 1.8, 2.5, 3.3 V              |
| Start Up Time                      | 250 nSec max.                |
| Linearity                          | 20%                          |
| Supply Current                     | 1.0 mA max.                  |
| Load                               | 50 Ω                         |
| Duty Cycle                         | 50% ±5%                      |
| Rise and Fall Time                 | 10 nsec max.                 |
| Tri-state                          | Output Active<br>Output High |
|                                    | 2.44V min.<br>0.33V max.     |
| Start-up Time                      | 10 mSec max.                 |

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

CLOCK OSCILLATOR: T3000LMIL Military Grade

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