



V3000TP

RoHS Compliant Standard

VCXOs V3000TP Series PECL VCXO Low Profile

Features:

- ◆ Miniature Ultra Low Profile
- ◆ Compatible with pick and place
- ◆ LCC, Ceramic SMD package
- ◆ Tape and Reel Available

Model: V3000TP Series Specifications

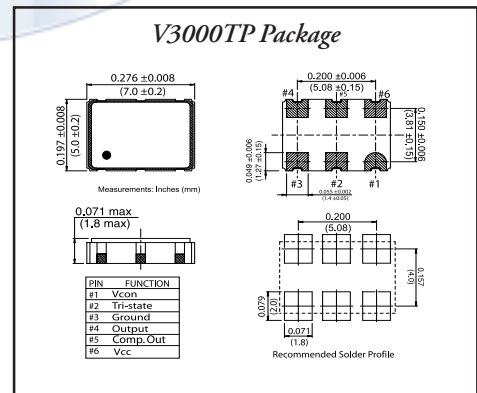
Frequency Range	1.50 to 200.00MHz
Operating Temperature	See Table
Frequency Stability	See Table
Supply Voltage	2.5 ~ 3.3 V
Start Up Time	3mSec max.
Frequency Deviation (Pin 1)	±70 ppm min.
Linearity	10%
Supply Current (1.50 to 64.99MHz) (65 to 200.00MHz)	75 mA 100 mA
Input Impedance	50 KΩ
Duty Cycle	40 / 50%
Rise and Fall Time	1.0 nsec max.
State Up Time	10 mSec max.
Tri-state Output Active Output High	2.5V 0.5V
Aging	±3 ppm/year max.
RMS Jitter (Integrated 12kHz-20MHz)	1pSec max.

VCXO: V3000TP PECL Surface Mount VCXO

VCXO: V3000TP PECL Surface Mount VCXO

Standard Frequencies
38.88, 62.50, 77.76, 100.00,
106.25, 125.00, 155.25, 156.25,
159.375, 161.1328, 164.355469,
167.3316, 175.00, 187.50, 200.00,
21.50, 240.00, 250.00, 312.50
320.00, 350.00, 622.08, 625.00

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





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VCXOs V3000TP Series PECL VCXO High Frequencies

Features:

- ◆ Miniature Ultra Low Profile
- ◆ Compatible with pick and place
- ◆ LCC, Ceramic SMD package
- ◆ Tape and Reel Available

Model: V3000TP Series Specifications

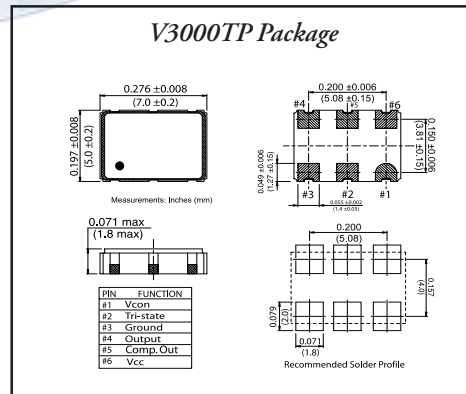
Frequency Range	100.00 to 700.00MHz
Operating Temperature	See Table
Frequency Stability	See Table
Supply Voltage	3.3 V
Start Up Time	3mSec max.
Frequency Deviation (Pin 1)	±100 ppm min.
Linearity	10%
Supply Current (100 to 159.99MHz) (160 to 700.00MHz)	65 mA 80 mA
Input Impedance	50 KΩ
Duty Cycle	40 / 50% (45 / 55% optional)
Rise and Fall Time	10 nsec max.
State Up Time	10 mSec max.
Tri-state Output Active Output High	2.5V 0.5V
Aging	±3 ppm/year max.
RMS Jitter (Integrated 12kHz-20MHz)	4pSec max.

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Standard Frequencies
38.88, 62.50, 77.76, 100.00,
106.25, 125.00, 155.25, 156.25,
159.375, 161.1328, 164.355469,
167.3316, 175.00, 187.50, 200.00,
21.50, 240.00, 250.00, 312.50
320.00, 350.00, 622.08, 625.00

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



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