

V3000TL

RoHS Compliant Standard

# VCXOs V3000TL Series LVDS VCXO Low Frequencies

**Features:**

- ◆ Miniature Ultra Low Profile
- ◆ LVDS
- ◆ Ceramic SMD package
- ◆ HCMOS Output

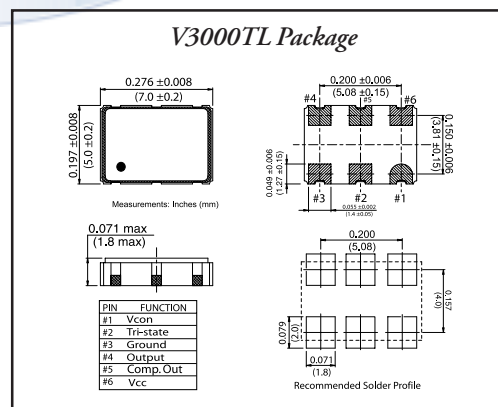
**Model: V3000TL Series Specifications**

Parameter	V3000TL
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)	±100 ppm min.
Linearity	10%
Supply Current (1.5 to 64.99MHz) (65 to 200.00MHz)	45 mA 80 mA
Input Impedance	50 KΩ
Duty Cycle	40 / 50% (45 / 55% optional)
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)	4pSec max.

VCXO: V3000TL LVDS Surface Mount VCXO

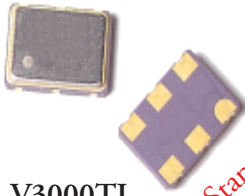
VCXO: V3000TP LVDS Surface Mount VCXO

Standard Frequencies	Temperature	Stability (ppm)
38.88, 62.50, 77.76, 100.00,	0 to 55°C	±25, ±50
106.25, 125.00, 155.25, 156.25,	-10 to 60°C	±25, ±50
159.375, 161.1328, 164.355469,	-20 to 70°C	±25, ±50
167.3316, 175.00, 187.50, 200.00,	-40 to 85°C	±50
21.50, 240.00, 250.00, 312.50		
320.00, 350.00, 622.08, 625.00		



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# VCXOs V3000TL Series LVDS VCXO High Frequencies

**Features:**

- ◆ Miniature Ultra Low Profile
- ◆ LVDS
- ◆ Ceramic SMD package
- ◆ HCMOS Output

**Model: V3000TL Series Specifications**

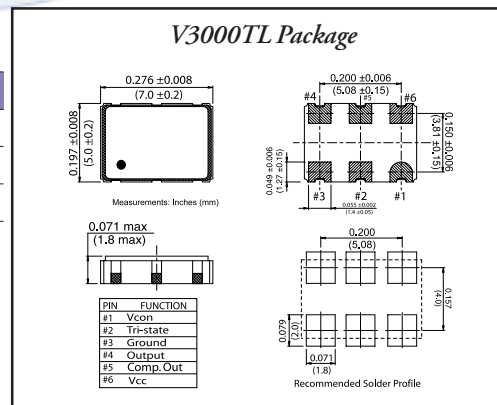
Parameter	V3000TL
Frequency Range	100.00 to 700.00MHz
Operating Temperature	See Table
Frequency Stability	See Table
Supply Voltage	3.3 V
Start Up Time	3mSec max.
Frequency Deviation (Pin 1)	±100 ppm min.
Linearity	10%
Supply Current (100 to 159.99MHz) (160 to 700.00MHz)	65 mA 80 mA
Input Impedance	50 KΩ
Duty Cycle	40 / 50% (45 / 55% optional)
Rise and Fall Time	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)	4pSec max.

VCXO: V3000TL LVDS Surface Mount VCXO

VCXO: V3000TL LVDS 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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