



V3000TL

VCXOs

V3000TL Series LVDS VCXO

Low Frequencies



Features:

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

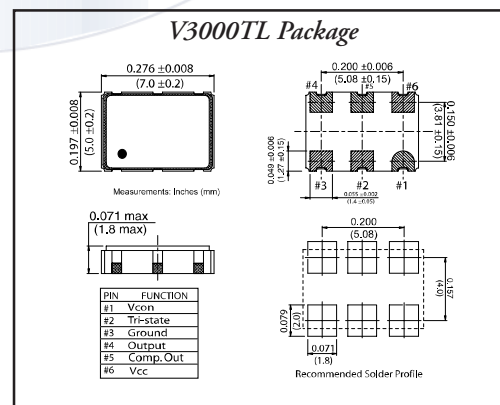
Model: V3000TL Series Specifications

Parameter	Unit	V3000TL
Frequency Range	MHz	1.50 to 200.00
Operating Temperature Range	°C	See Table
Frequency Stability	ppm	See Table
Supply Voltage	VDC	1.8, 2.5, 3.3
Supply Current		
1.5MHz to 65.00MHz	mA	45 max.
65.00MHz to 200.00MHz	mA	80 max.
WaveForm		LVDS
Load	pF	15
Output Levels	V	10% max. // 90% min.
Transition Times (Rise/Fall)	nSec	1 max.
Duty Cycle	%	40/60%
Frequency Deviation (Pin 1)	ppm	±50 min.
Aging (per year)	ppm	±3.0 max.
Storage Temperature	°C	-55 to 125
Tri-State		Pin 1
Enable	V	0.7 min.
Disable	V	0.3 max.
Standby Current	mA	10
Start Up Time	mSec	3 max.
RMS Jitter (Integrated 12kHz to 20MHz)	pSec	4 max.

VCXO: V3000TL LVDS Surface Mount VCXO

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



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V3000TL

VCXOs

V3000TL Series LVDS VCXO

High Frequencies



Features:

- ◆ High Frequencies
- ◆ Ceramic SMD package
- ◆ LVDS
- ◆ HCMOS Output

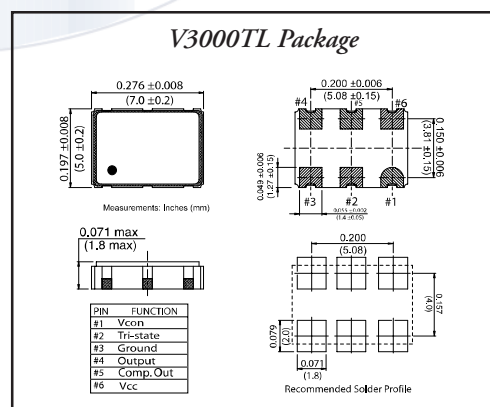
Model: V3000TL Series Specifications

Parameter	Unit	V3000TL
Frequency Range	MHz	100.00 to 700.00
Operating Temperature Range	°C	See Table
Frequency Stability	ppm	See Table
Supply Voltage	VDC	3.3
Supply Current		
100.00MHz to 160.00MHz	mA	65 max.
160.00MHz to 700.00MHz	mA	80 max.
WaveForm		LVDS
Load	pF	15
Output Levels	V	10% max. // 90% min.
Transition Times (Rise/Fall)	nSec	1 max.
Duty Cycle	%	40/60%
Frequency Deviation (Pin 1)	ppm	±50 min.
Aging (per year)	ppm	±3.0 max.
Storage Temperature	°C	-55 to 125
Tri-State		Pin 1
Enable	V	0.7 min.
Disable	V	0.3 max.
Standby Current	mA	10
Start Up Time	mSec	3 max.
RMS Jitter	pSec	4 max.

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