



VCXOs

V5000 Series VCXO

Ultra-Miniature, SMD, Ceramic

RoHS Complaint Standard

Features:

- ◆ Miniature Ultra Low Profile
- ◆ Smallest VCXO
- ◆ LCC, Ceramic SMD package
- ◆ Tape and Reel Available

Model: V5000 Series Specifications

Frequency Range	24.00 to 54.00MHz
Operating Temperature	See Table
Frequency Stability	See Table
Supply Voltage	2.5, 3.3 V
Start Up Time	10 mSec max.
Frequency Deviation (Pin 1)	±50 ppm min.
Load	15pF
Linearity	10%, 15%, 20%
Supply Current	5 mA max.
Duty Cycle	45 / 55%
Rise and Fall Time	10 nsec max.
State Up Time	10 mSec max.
Output Voltage	Logic High (V _{OH}) Logic Low (V _{OL})
	90% of V _{DD} 10% of V _{DD}
Aging	±3 ppm/year max.

VCXO: V5000 Surface Mount VCXO

VCXO: V5000 Surface Mount VCXO

Temperature	Stability (ppm)
0 to 70°C	±20, ±30, ±50
-10 to 60°C	±30, ±50
-20 to 70°C	±30, ±50
-40 to 85°C	±50

