

V2500

RoHS Complaint Optional

VCXOs V2500 Series VCXO Metal Can, SMD

Features:

- ◆ Metal Can Lid
- ◆ LCC, Ceramic SMD package
- ◆ Compatible with pick and place
- ◆ True SMD Package

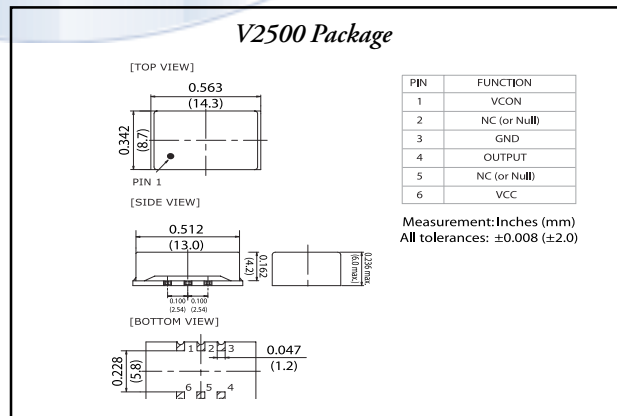
Model: V2500 Series Specifications

Parameter	V2500	
Frequency Range	2.50 to 45.00 MHz	
Operating Temperature	See Table	
Frequency Stability	See Table	
Supply Voltage	3.3 V	5.0 V
Start Up Time	2mSec max.	
Frequency Deviation (Pin 1)	±60 ppm min. ±120 ppm max.	±400 ppm amx.
Linearity	10% under 100 ppm deviation 20% over 100 ppm Deviatio	
Supply Current (2.5 to 10MHz) (10 to 15MHz) (15 to 26MHz) (26 to 45MHz)	15 mA 22 mA 30 mA 35 mA	12 mA 20 mA 28 mA 33 mA
VC Input Impedance	50KΩ	
Modulation Bandwidth	10 kHz	
Duty Cycle	40 / 50%	
Output Level	90% Vcc min // 10% Vcc max.	
Aging	±1 ppm/year max.	

VCXO: V2500 Surface Mount VCXO

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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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