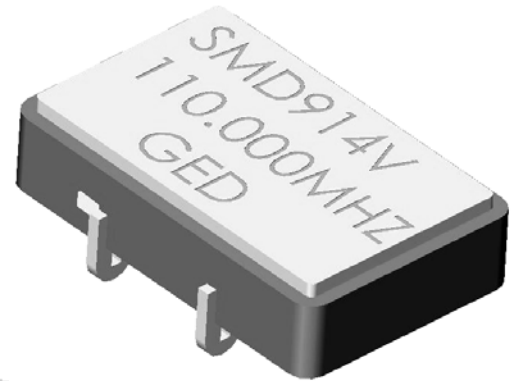


SMD914V Series Oscillators

VOLTAGE CONTROLLED OSCILLATOR

- Frequency from 50 to 180 MHz
- +/-12% Frequency adjustment range
- 5.0V Supply Voltage
- Sine-Wave output
- Hermetically sealed package
- Quick turnaround for custom frequencies



ELECTRICAL SPECIFICATIONS

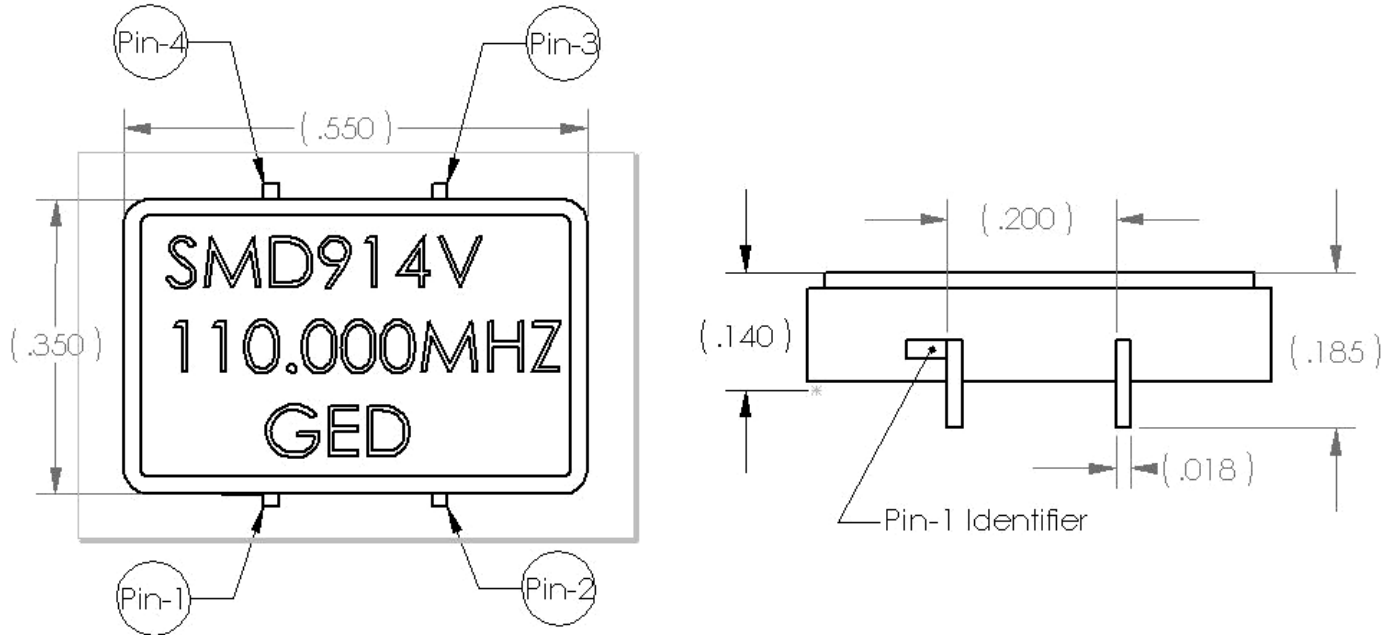
PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS	CONDITION
Frequency Range	Fn	50		180	MHz	
Supply Voltage	Vdd	+4.5	+5.0	+5.5	Vdc	
Supply Current	Idd		<18		mA	
Input Range	VC	0		5.0	V	
Input Impedance		100			KOhm	
VC Sensitivity	Svc		2.5		%	Per 1.0 Volt VC Change
Output Level	V _{p-p} V _{rms}		4.0 1.4		V V	
Phase Noise	ΔJ		-105		dBc	@ 10 KHz Offset
Load	Z _L		50		Ohm	
Frequency vs Supply (Pushing)			1.0	2.0	%	Per 1.0 Volt VCC Change

ENVIRONMENTAL SPECIFICATIONS

Max. Operating temperatures	-40°C to +85C
Shock	MIL-STD-883, Method 2002, Condition B
Vibration	MIL-STD-883, Method 2002, Condition A

LM11TC General Specification and Ordering Guide

Drawing Outline



Pin-Out Configuration

PIN-1	Electronic Frequency Control	PIN-8	OUTPUT
PIN-7	GND	PIN-14	SUPPLY POWER

Ordering Information

