

SMD914V Series

Surface Mount Voltage Controlled Oscillator

- Sine-Wave Output
- 5.0V Supply Voltage
- 9x14mm Ceramic SMD package
- $\pm 12\%$ Frequency Adjustment Range
- Quick Turn-around for Custom Frequencies

ELECTRICAL SPECIFICATIONS

Frequency Range	50 to 180MHz
Supply Voltage	+5.0V _{DC} $\pm 10\%$
Supply Current	18mA
Operating Temperature	-40°C to 85°C
Input Range	5.0V Max
Input Impedance	100Kohm Min
V _C Sensitivity	2.5% per 1.0Volt V _C Change
Output Level	Vp-p 4.0V Vrms 1.4V
Load	50 ohm
Frequency vs. Supply	1.0% Typ 2.0% Max per 1.0Volt V _{CC} Change
Frequency Control Voltage	0.5V _{DC} to 4.5V _{DC} , 0V to 5.0V _{DC}

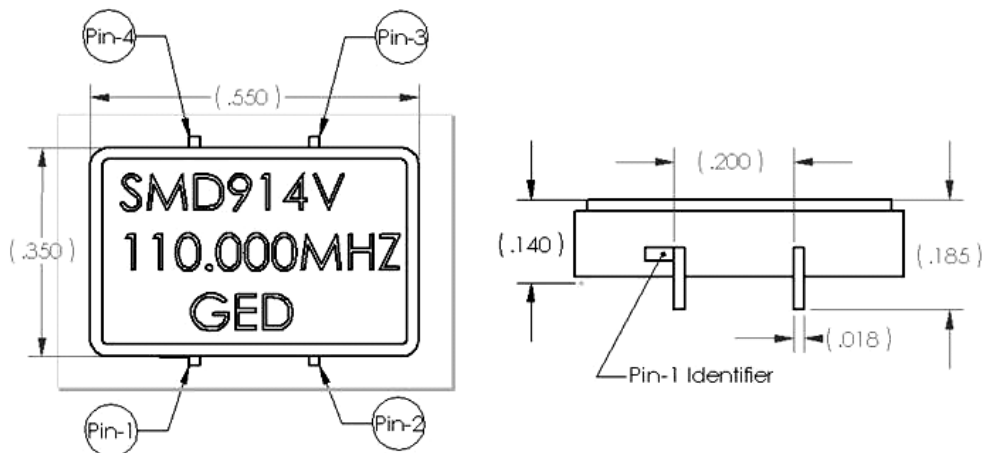
PART NUMBERING GUIDE

SMD914V – 110.000MHz

VCO Series

Frequency

PACKAGE DIMENSIONS



Pin 1 : Electronic Frequency Control
 Pin 4 : Case Ground
 Pin 8 : Output

General Electronic Devices

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