

SMD914VXC Series

Surface Mount Voltage Controlled Crystal Oscillator (VCXO)

- HCMOS Output
- 5.0V and 3.3V Supply Voltage
- Ceramic 9x14mm package

ELECTRICAL SPECIFICATIONS

Model Description	SMD914VXC	SMD914VXC.3
Frequency Range	1.000MHz to 180.000MHz	
Frequency Stability	±25ppm	±50ppm ±100ppm
Operating Temperature Range	0 ~ +70°C or -40°C to +85°C	
Storage Temperature Range	-55 ~ +125°C	
Input Voltage	5.0V _{DC} ±10%	3.3V _{DC} ±10%
Input Current	15mA Max	35mA Max
Symmetry (Duty Cycle)	50±10% , 50±5%	
Rise Time / Fall Time	5nSeconds Max	
Voltage Control Pin 1	0.5V _{DC} to 4.5V _{DC}	0.3V _{DC} to 3.0V _{DC}
Frequency Pullability	±100ppm Min	
Output Load Capability	15pF CMOS	30pF CMOS
Linearity	±10% Typical, ±20% Max	

PART NUMBERING GUIDE

SMD914VXC .3 C - 44.736MHz

Input Voltage

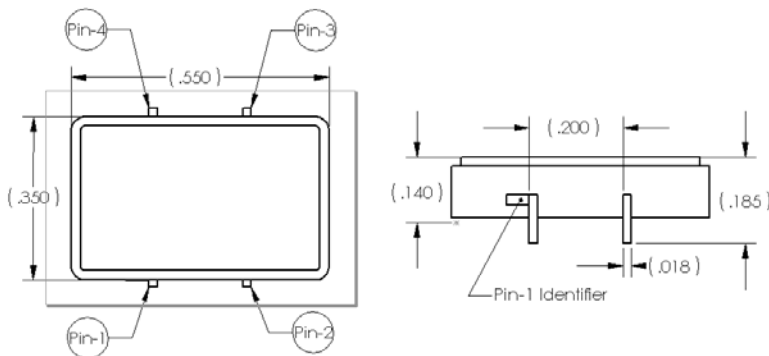
Blank - 5V
.3 - 3.3V

Frequency

Frequency Tolerance/ Stability

Blank or A - ±100ppm
C - ± 25ppm
X - Customer Specified

PACKAGE DIMENSIONS



Pin 1: Control Voltage
Pin 2: Case Ground
Pin 3: Output
Pin 4: Supply Voltage

General Electronic Devices

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