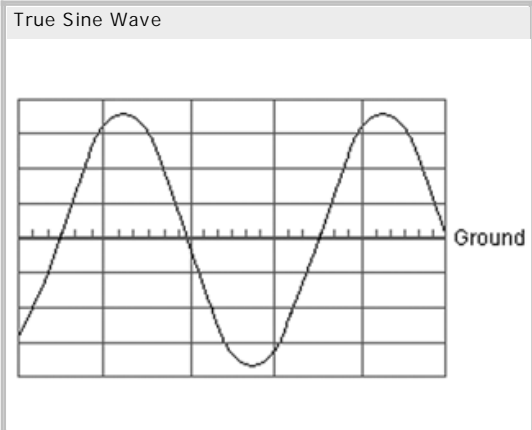
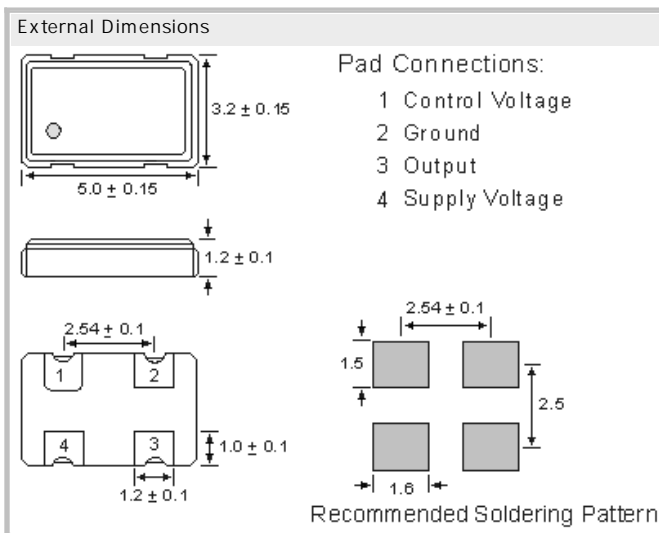


## VCXO True Sine Wave VCXO5032SR3.3 3.3V

- Voltage Controlled Clock Oscillator
- SMD in ceramic case (5.0 x 3.2 x 1.2) mm
- True Sine Wave
- on Tape & Reel (Tape 12mm)
- RoHS conform; Lead-free product
- Vibration: MIL-STD-202F method 204, 35G, 50 to 2000 Hz
- Shock: MIL-STD-202F method 213B, test cond. E, 1000GG 1/2 sine wave
- Available in many standard and special frequencies



## Specifications

Holder Type:	VCXO5032SR3.3 3.3V (Voltage code is " 3.3 ")
Frequency Range:	10.000 MHz to 30.000 MHz
Frequency Stability at 25°C:	± 20 to ± 100 ppm
Operating Temperature Range:	± 20 to ± 100 ppm, -20°C to +70°C, -40°C to +85°C (Inclusive Operating Temp., Supply Voltage, & Load)
Frequency Deviation:	± 50 ppm typical
Storage Temperature:	-50°C to +100°C
Power Supply Voltage (Vdd):	+ 3.3V D.C. ± 10%
Initial Freq. Accuracy (at 25 °C):	Vc= 1.65V ± 0.2V
Voltage Control:	1.65V DC Center / 0.3V to 3.0V Range
Maximum Supply Current:	1.1mA
Input Impedance:	> 0.5 M Ohm
Load:	10 kOhm// 10pF load
Modulation Bandwidth (at -3 dB):	25 kHz min.
Output Wave Form:	True Sine Wave
Output Level:	1.0 V p - p typical
Harmonics:	< -25dBc (frequency dependent)
Sub-Harmonics:	None
Voltage Control Range:	0.0V to Vdd with control voltage center at 50% of Vdd
Linearity:	± 10%
Phase Noise (typical):	13.0 MHz as example -95dBc/Hz at 10Hz; -123dBc/Hz at 100Hz; -135dBc/Hz at 1kHz; -140dBc/Hz at 10kHz; -145dBc/Hz at 100kHz;
Start Up Time:	2.0 ms typical
Aging:	< ± 5ppm max. / year (max.)
Reflow Condition:	260°C max. for 10 sec.

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