

SMD2200 Series

Surface Mount Voltage Controlled Crystal Oscillator (VCXO)

- HCMOS Output with Tri-State Function
- 5.0V Supply Voltage
- Ceramic 6-pad SMD package
- Pad#2 No Connect; Pad #5 Tri-State

ELECTRICAL SPECIFICATIONS	
Frequency Range	10.000 to 70.000MHz
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%
Input Current	40mA Max
Symmetry (Duty Cycle)	50±5% Typical, 50±10% Max
Rise Time / Fall Time	8nSeconds Max
Voltage Control Pin 1	2.5V ±2.0V
Frequency Pullability	±50ppm Min, ±80ppm Min, ±100ppm Min
Output Load Capability	15pF CMOS
Linearity	±10% Typical, ±20% Max

PART NUMBERING GUIDE

SMD2200 .3 C - 35.328MHz

Input Voltage

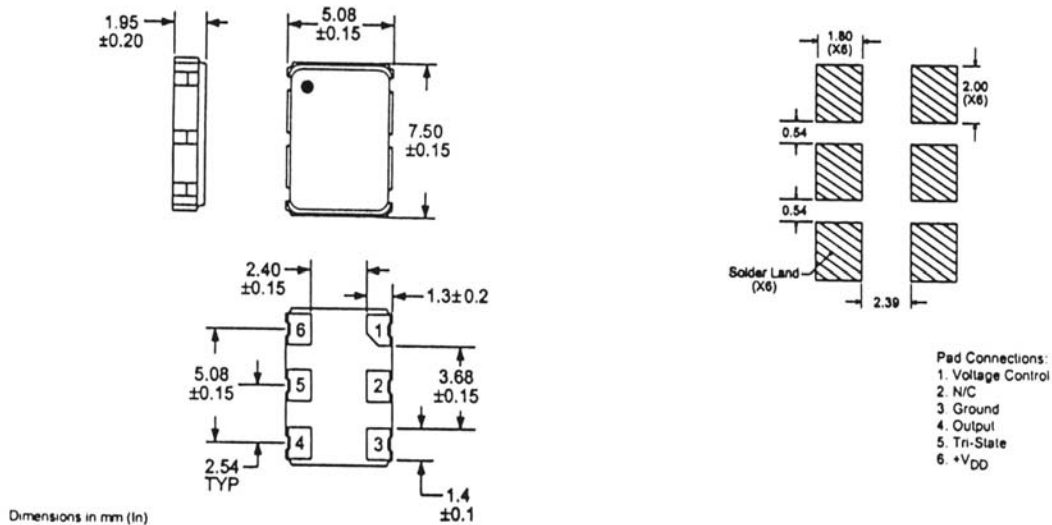
Blank - 5V
 .3 - 3.3V
 .2 - 2.5V

Frequency Tolerance/ Stability

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

Frequency

PACKAGE DIMENSIONS



General Electronic Devices

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