

# Surface Mount TCXO

Cardinal's CTX5 oscillator is the latest in surface mount technology for TCXO's. It is capable of withstanding high temperature IR reflow applications.

Series **CTX5**



Part Numbering Example: CTX5 L Z - A3 B3 - 15.360

CTX5	L	Z	A3	B3	15.360
SERIES	VOLTAGE	PACKAGING OPTIONS	OPERATING TEMP.	STABILITY	FREQUENCY
CTX5	Blank = 5V B = 4.0V C = 3.7V L = 3.3V E = 3.0V	Z = Tape and Reel	A1=-10°C ~ +50°C A2=-10°C ~ +60°C A3=-30°C ~ +75°C A4=-40°C ~ +75°C	B3 = ±2.5 ppm	

## Specifications:

Frequency Range:	12.000 MHz to 19.680 MHz
Available Stability Options:	±2.5 ppm
Output Series:	Clipped Sine
Input Voltage:	+5.0 VDC ± 5% <i>Standard</i> +4.0 VDC ± 5% +3.7 VDC ± 5% +3.3 VDC ± 5% +3.0 VDC ± 5%
Operating Temperature Range Options:	-30°C to +75°C <i>Standard</i>
Output Voltage:	1.0 Volt Peak to Peak Minimum
Frequency Trim Range With Externally Adjustable Trimmer:	±3.0 ppm Minimum
Output Load:	10K OHM Parallel with 5 pf
Maximum Input Current:	2.0 mA
Maximum Frequency Aging at +25°C:	±1.0 ppm/yr
Freq. Stability Vs. Change of Input Voltage of ±5%:	±0.3 ppm
Packaging:	Tape and Reel (1K per Reel)

## CTX5

