

Surface Mount VC-TCXO

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

Series **CTX5V**



Part Numbering Example: CTX5V L Z - A3 B3 - 15.360

CTX5V	L	Z	A3	B3	15.360
SERIES	VOLTAGE	PACKAGING OPTIONS	OPERATING TEMP.	STABILITY	FREQUENCY
CTX5V	Blank = 5V L = 3.3V E = 3.0V B = 4.0V C = 3.7V	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% <i>Standard</i> +3.0 VDC ± 5%
Operating Temperature Range Options:	-30°C to +75°C <i>Standard</i>
Frequency Tuning Range:	±4.0 ppm Min.
External Control Voltage:	+2.5 VDC, ±2.0 VDC (5V Supply) +1.5 VDC, ±1.0 VDC (3V Supply)
Polarity Of Freq. Slope:	Positive
Output Voltage:	1.0 Volt Peak to Peak Minimum
Frequency Trim Range With Externally Control Voltage:	±3.0 ppm Minimum
Output Load:	10K OHM Parallel with 10 pf
Maximum Input Current:	2.0 mA
Maximum Frequency Aging at +25°C:	±1 ppm/yr
Freq. Stability Vs. Change of Input Voltage of ±5%:	±0.3 ppm
Storage Temperature:	-40°C to +85°C
Packaging:	Tape and Reel (1K per Reel)

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