

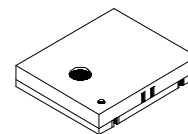


Pletronics, Inc.

19013 36th Ave. W, Suite H • Lynnwood, WA 98036 USA

Manufacturer of High Quality Frequency Control Products

TC5 TCXO Series



• Surface Mount Temperature Compensated Xtal Oscillator with or without Trimmer

• Clipped Sine Wave Compatible

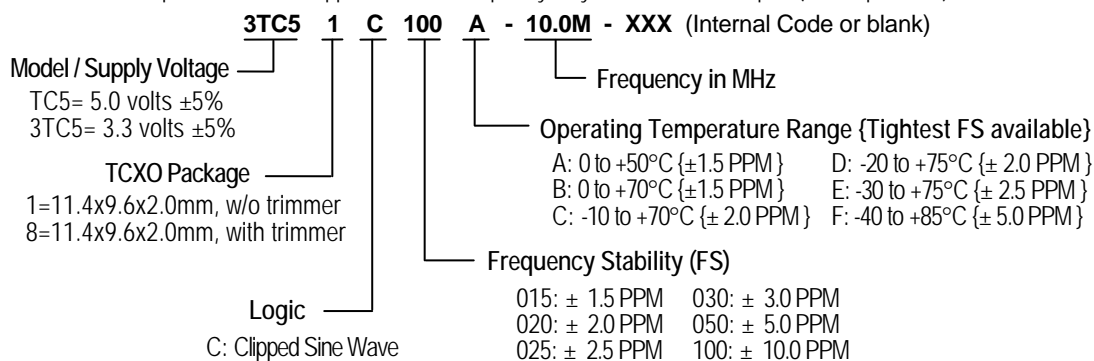
10.00 MHz – 60.00 MHz

Standard Specifications

Operating Temperature Range	0 to +50°C to - 40 to +85°C available
Overall Frequency Stability	vs. Temp vs. Vcc Aging
Frequency Adj by Trimmer	± 1.5 to ± 10 PPM over Operating Temperature Range available ± 0.5 PPM maximum over Vcc ± 5% ± 3 PPM first year, ± 1 PPM per year thereafter at 25°C ± 5%
Supply Voltage (Vcc)	± 3 PPM minimum ± 3 PPM maximum
Output Voltage Levels	5.0 volts and 3.3 volts available
Supply Current (Icc)	1 volt p-p minimum
Output Load (see Test Circuit 1)	2 to 5 mA max 10 K / 10 pF

Part Numbering Guide

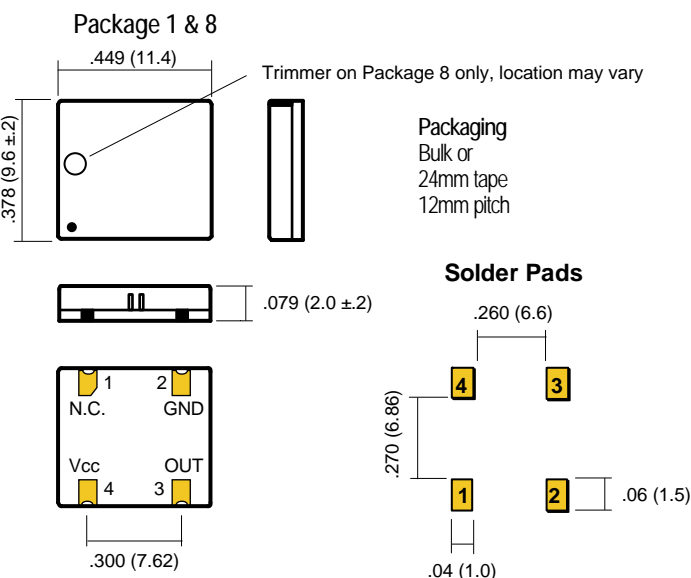
Portions of the part number that appear after the frequency may not be marked on part (C of C provided)



Consult factory for available frequencies and specs. Not all options available for all frequencies. A special part number may be assigned.
Frequency Stability is inclusive of frequency shifts due to calibration, temperature, supply voltage, shock, vibration and load

Mechanical: inches (mm)

not to scale



Jan 2004