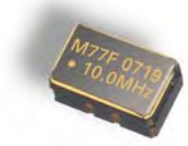
Precision Sub-Miniature 5.0x3.2mm TCXO / VCTCXO

CONNOR WINFIELD

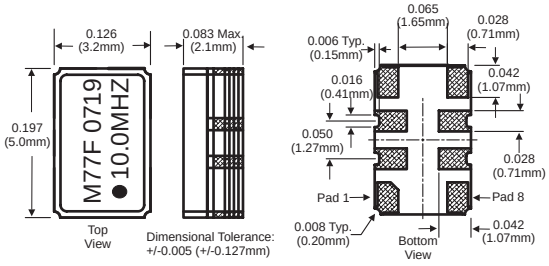


The Connor-Winfield 5.0x3.2mm Temperature Compensated Crystal Oscillators and Voltage Controlled Temperature Compensated Crystal Oscillators are designed for use in applications requiring tight frequency stability in a small package. Through the use of Analog Temperature Compensation, this device is capable of holding sub 1-ppm stabilities over wide temperature ranges.

2.5V or 3.3V Operation
Clipped Sinewave Output
Sub-Miniature 5.0x3.2mm SMT Package
Frequency Stabilities Available:
±0.50ppm, ±1.00ppm or ±2.00ppm
Temperature Ranges Available:
0 to 70°C
-20 to 70°C
-30 to 85°C
Low Power <2mA
Low Jitter <1pS RMS
Tape and Reel Packaging
RoHS Compliant / Lead Free
Recommended for new designs

Applications

TCXO SERIES — CENTER FREQUENCY



Pad	Connection
1	Voltage Control or N/C
2	N/C
3	N/C
4	Ground
5	Output
6	Do not connect
7	Do not connect
8	Supply, Vcc

Ordering Information

M	7	7	F	-	010.0M
Type: Precision TCXO VCTCXO 5x3.2mm	Features: 4 = TCXO, Clipped Sinewave, 2.5Vdc. 7 = TCXO, Clipped Sinewave, 3.3Vdc. 8 = VCTCXO, Clipped Sinewave, 2.5Vdc. 9 = VCTCXO, Clipped Sinewave, 3.3Vdc.	Temperature Range: 5 = 0 to 70° C 7 = -20 to 70° C 8 = -30 to 85° C	Frequency Stability: E = ± 0.50 ppm F = ± 1.00 ppm G = ± 2.00 ppm		Output Frequency: Frequency Format -xxx.xM Min.* -xxx.xxxxxxM Max.* *Amount of numbers after the decimal point. M = MHz

Example:
M77F-010.0M = 5x3.2mm, TCXO, Clipped Sinwave, 3.3Vdc, -20 to 70C, +/-1.00ppm, Output Frequency 10.0MHz

To order an M77F with an output frequency of:
6.4 MHz = M77F-006.4M
20 MHz = M77F-020.0M
38.88 MHz = M77F-038.88M