



# TCXO-200

## Temperature Compensated Crystal Oscillator

Microwave Dynamics' TCXO Crystal Oscillators provide high stability at frequencies of 50 and 100 MHz.

Built to the same high standards as our DRO, these TCXOs provide an excellent reference input complementing our DRO and PLO lines.

These units feature high stability, low cost, ultra low power requirements, rugged military type housings and fast delivery.



### MODEL: TCXO-200-100

Output Frequency Range	100 MHz	Temperature Range	-55°C to +85°C
Output Level	+30 dBm into 50 Ω	Frequency Stability	± 2.5 ppm
Output Waveform	Sine wave	Frequency Adjustment	± 5 ppm
Phase Noise	-150 dBc/Hz@10 KHz	Input Supply Voltage	+15/12VDC @ 20mA, TYP
Load	50 Ω ± 10%	Aging	Yearly: ± 1 ppm
Sub-harmonics	-20 dBc	Storage Temperature	-55°C to +85°C

### MODEL: TCXO-200-50

Output Frequency Range	50 MHz	Temperature Range	-40°C to +70°C
Output Level	+0 dBm into 50 Ω	Frequency Stability	± 1 ppm
Output Waveform	Sine wave	Frequency Adjustment	± 5 ppm
Phase Noise	-150 dBc/Hz@10 KHz	Input Supply Voltage	+15/12VDC @ 10mA, TYP
Load	50 Ω ± 10%	Aging	10-Year: < ± 3 ppm
Sub-harmonics	-70 dBc	Storage Temperature	-55°C to +85°C

### OUTLINE DRAWING:

