

# TCXO SMD TEMPERATURE COMPENSATED CRYSTAL OSCILLATOR FOX789A

The FOX789A, is an SMD temperature compensated crystal oscillator with an optional voltage control on pin 1. With its industry standard package size and footprint, this TCXO is perfect for existing designs where cost effectiveness and high capacity are important.



Actual Size

## FEATURES

- Surface Mount
- Miniature Size
- Tight Stability
- Wide Temperature Range
- Optional Voltage Control

## APPLICATIONS

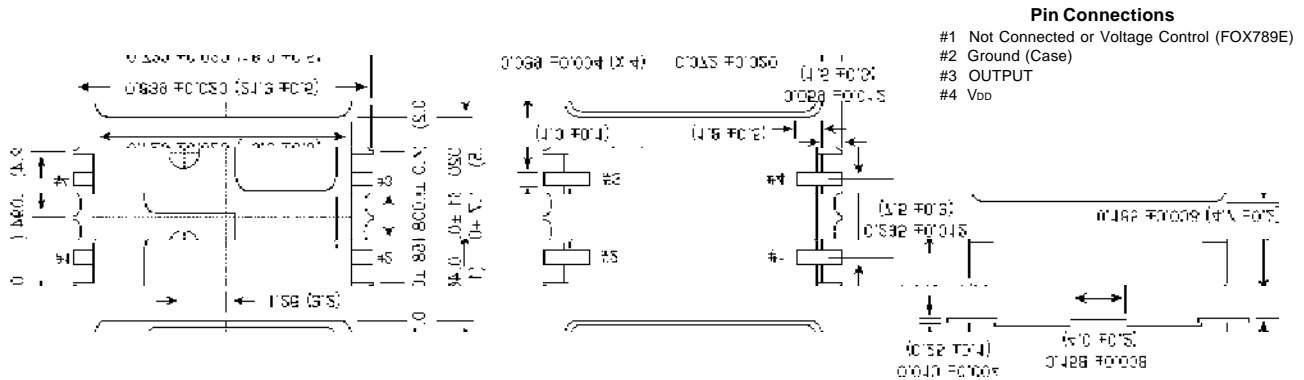
- Cellular Phones
- Cordless Phones
- Communications Equipment
- Aerospace
- Portable Instrumentation

# Discontinued

### • ELECTRICAL CHARACTERISTICS (Ta = 25°C, Vcc = +5.0V, CL = 10kΩ/10pF)

PARAMETERS	MIN	MAX	UNITS
Frequency Range (Fo)	9.600	20.000	MHz
Frequency Tolerance (Ta = 25°C)	-0.5	+0.5	PPM
Frequency Stability			PPM
Over Temperature Range	-2.5	+2.5	
Over Supply Voltage Change (5.0V ±0.3V)	-0.3	+0.3	
Temperature Range			°C
Operating (TOPR)	-30	+75	
Storage (TSTG)	-35	+80	
Supply Voltage (VDD)	+4.75	+5.25	V
Output Waveform (Clipped Sine)			V
Peak-to-Peak Level (Vp-p)	1.0		
Input Current (IDD)		20	mA
Output Load		10	KΩ
		10	pF
Frequency Adjustment (Internal Trimmer)	±3.0		PPM
Aging (per year at 25°C)	-1.0	+1.0	PPM
Voltage Control Option <b>VCTCXO</b> -FOX789E (pin 1: 2.5V ±2.0V)	±5.0		PPM

All specifications subject to change without notice. Rev. 2/6/98



Inch dimensions shall govern.  
All dimensions are in inches & parenthetically in millimeters.

TCXO