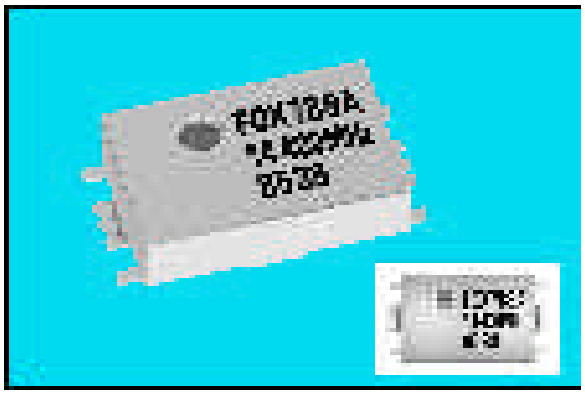
TCXO SMD TEMPERATURE COMPENSATED CRYSTAL OSCILLATOR

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

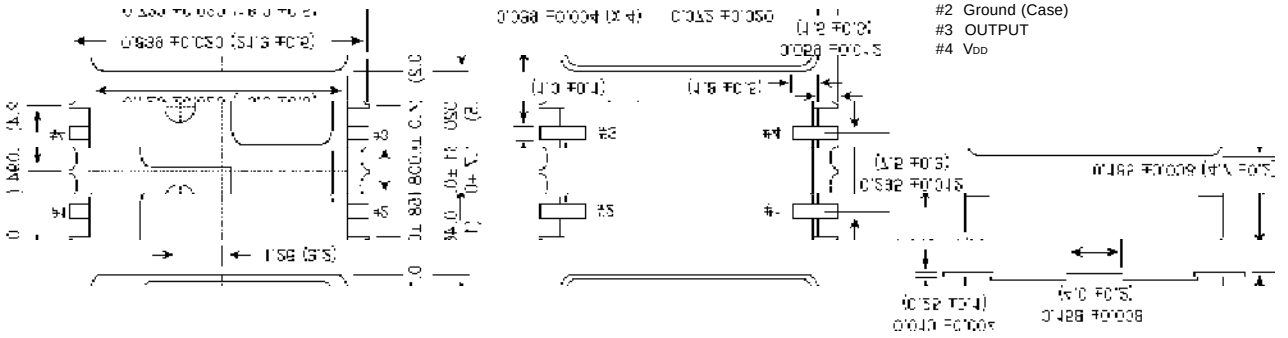
• ELECTRICAL CHARACTERISTICS (Ta = 25°C, Vcc = +5.0V, CL = 10kW//10pF)

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)		2.0	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	**VCTCXO** - FOX789E (pin 1: 2.5V ±2.0V)	±5.0		PPM

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

Pin Connections

#1 Not Connected or Voltage Control (FOX789E)
#2 Ground (Case)
#3 OUTPUT
#4 VDD



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

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