

## 5.0V THRU-HOLE TCXO/VCTCXO

# FOX782

### FEATURES

- 5.0V Operation
- HCMOS Output
- Adjustable Frequency
- 14-Pin DIP

### OPTIONS

- VCTCXO - FOX782C
- Higher Frequencies
- Other Voltages Available

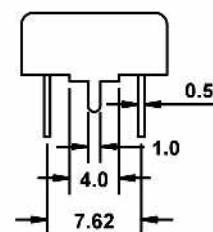
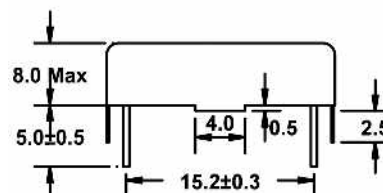
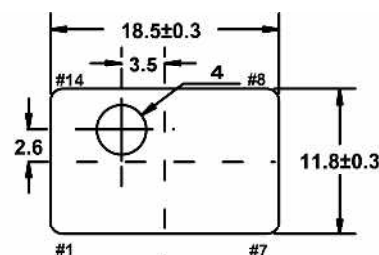


• ELECTRICAL CHARACTERISTICS	
PARAMETERS	MAX (unless otherwise noted)
Frequency Range (Fo)	8.000 ~ 20.000 MHz
Initial Frequency Tolerance @ 25°C	±1.0PPM
Frequency Stability	
Over Temperature Range	±2.5PPM
Over Supply Voltage Change (5.0V ± 5%)	±0.2PPM
Temperature Range	
Operating (TOPR)	-20°C ~ +75°C
Storage (TSTG)	-40°C ~ +80°C
Supply Voltage (VDD)	5.0V ± 5%
Input Current (IDD)	
8.000 ~ 20.000 MHz	15mA
Output Symmetry (50% VDD)	40% ~ 60%
Rise Time (10% ~ 90% VDD) (TR)	5nS
Fall Time (90% ~ 10% VDD) (TF)	5nS
Output Voltage (VOL)	10% VDD
(VOH)	90% VDD Min
Output Current (IOL)	4.0mA Min
(IOH)	-1.0mA Min
Output Load (HCMOS)	15pF
Start-up Time (Ts)	10mS

<sup>1</sup> Frequencies from 20.000+ MHz to 45.000 MHz available on an individual inquiry basis.

<sup>3</sup> VCTCXO version (FOX782C) available on an individual inquiry basis to custom customer specifications.

All specifications subject to change without notice. Rev. 02/10/03



#### Pin Connections

TCXO	VCTCXO
#7 GND	#1 VC
#8 OUTPUT	#7 GND
#14 VDD	#8 OUTPUT
	#14 VDD

All dimensions are in millimeters.