

5.0V THRU-HOLE TCXO/VCTCXO

FOX781B

FEATURES

- 5.0V Operation
- Clipped Sine Output
- Adjustable Frequency
- 14-Pin DIP

OPTIONS

- VCTCXO - FOX781C
- Higher Frequencies
- 3.0V Operation



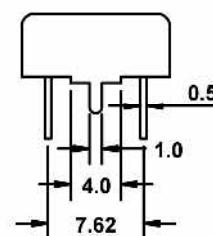
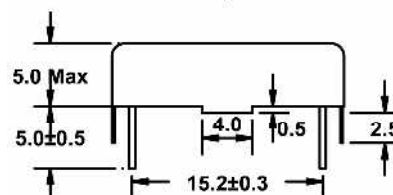
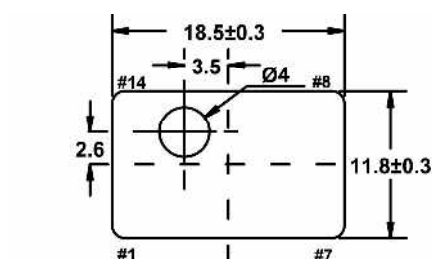
• ELECTRICAL CHARACTERISTICS

PARAMETERS	MAX (unless otherwise noted)
Frequency Range (Fo)	8.000 ~ 20.000 ¹ MHz
Initial Frequency Tolerance @ 25°C	±1.0PPM
Frequency Stability	
Over Temperature Range	±2.5PPM
Over Supply Voltage Change (5.0V ± 5%)	±0.2PPM
Over Load Change (10KΩ ± 10% // 10pF 10%)	±0.2PPM
Temperature Range	
Operating (TOPR)	-20°C ~ +75°C
Storage (TSTG)	-40°C ~ +80°C
Supply Voltage (VDD)	5.0V ± 5%
Output Waveform (Clipped Sine)	
Peak-to-Peak Level (Vp-p)	1.0V Min
Input Current (IDD)	2.0mA
Output Load	10KΩ // 10pF
Aging @ 25°C; per year	
8.000 ~ 19.999999 MHz	±1.0PPM
20.000000 MHz	±2.0PPM
Frequency Adjustment (Internal Trimmer)	±3.0PPM Min

¹ Frequencies from 20.000+ MHz to 45.000 MHz available on an individual inquiry basis.

³ VCTCXO version (FOX781C) 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.