

FOX307H

FEATURES

- 3.0V Operation
- 1.9mm Height Max
- Clipped Sine Output
- Tape and Reel (2,000 pcs. STD)

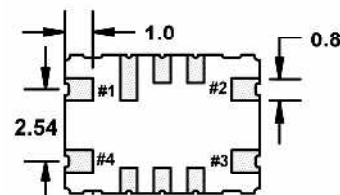
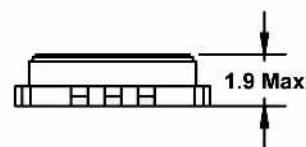
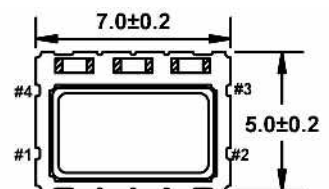


• ELECTRICAL CHARACTERISTICS

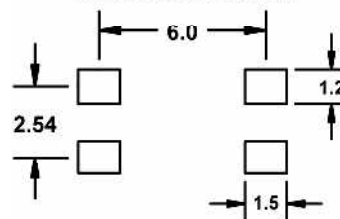
PARAMETERS	MAX (unless otherwise noted)
Frequency Range (Fo)	10.000 ~ 26.000 MHz
Temperature Range	
Operating (TOPR)	-20°C ~ +75°C
Storage (TSTG)	-40°C ~ +85°C
Supply Voltage (VDD)	3.0V ± 5%
Input Current (IDD)	2.0mA
Frequency Stability	
Over Temperature Range	±2.5PPM
Over Supply Voltage Change (3.0V ± 5%)	±0.3PPM
Over Load Change (10 Ω // 10pF)	±0.3PPM
Voltage Control ¹ (1.5V ± 1.0V)	±5.0 ~ ±15.0PPM
Output Waveform (Clipped Sine)	
Peak-to-Peak Level (Vp-p)	0.8V Min
Output Load	10k Ω // 10pF
Aging per year	±1.0PPM

¹ For proper operation, a control voltage (Vc) must be applied to pin 1.

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



Recommended Solderpad Layout



Pin Connections

- #1 Vcont
- #2 GND
- #3 Output
- #4 VDD

All dimensions are in millimeters.