

FOX312BE

FEATURES

- 3.0V Operation
- 2.0mm Height Max
- Clipped Sine Output
- Tape and Reel (1,000 pcs. STD)

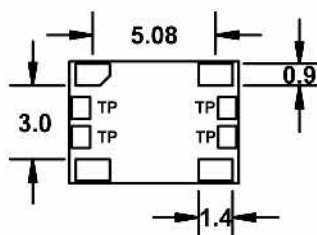
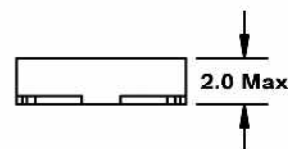
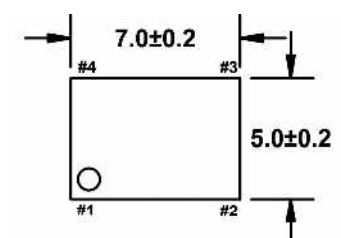


• ELECTRICAL CHARACTERISTICS

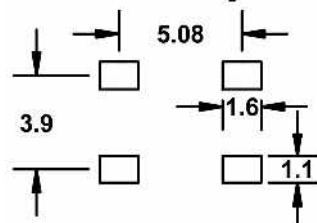
PARAMETERS	MAX (unless otherwise noted)
Frequency Range (Fo)	12.600 ~ 26.000 MHz
Temperature Range	
Operating (TOPR)	-20°C ~ +75°C
Storage (TSTG)	-40°C ~ +85°C
Supply Voltage (VDD)	3.0V ± 5%
Input Current (IDD)	2.0mA
Frequency Stability	
Over Temperature Range	±2.5PPM
Over Supply Voltage Change (3.0V ± 5%)	±0.1PPM
Over Load Change (10KΩ±10% // 10pF±10%)	±0.3PPM
Initial Frequency Tolerance @ 25°C Vc = 1.5V ¹	±0.5PPM
Output Waveform (Clipped Sine)	
Peak-to-Peak Level (Vp-p)	0.8V Min
Output Load	10KΩ // 10pF
Pullability ¹ (1.5V ± 1.0V)	±5.0 ~ ±15.0PPM
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 Solder Pad Layout



Pin Connections

#1 VC #3 OUTPUT
#2 GND #4 VDD

All dimensions are in millimeters.