

DESCRIPTION

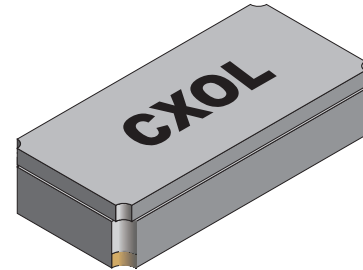
CXOL is an ultra-miniature (3.2 x 1.5mm), ultra-low current quartz crystal oscillator with a typical start-up time of 200ms. Hermetically sealed in a highly reliable ceramic housing, this oscillator is available over a wide range of input voltages (1.2 V - 5.0 V).

FEATURES

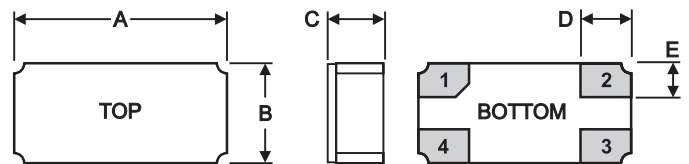
- Ultra-low current consumption
- Typical start-up time of 200ms
- Typical rise and fall times of 25ns
- Hermetically sealed ceramic package
- Optional output enable/disable with Tri-State
- Full military testing per MIL-PRF-55310 available
- Designed, manufactured, and tested in the USA

APPLICATIONS

- Medical
 - Implantable pacemakers
 - Implantable defibrillators
 - Implantable neuro devices
 - Other implantable and external medical devices
- Military
- Industrial

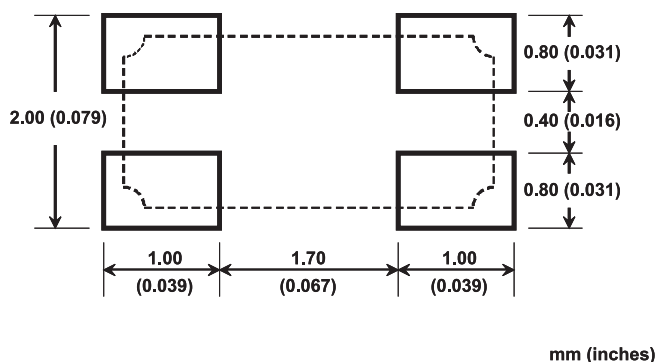


DIMENSIONS



DIM	TYPICAL		MAXIMUM	
	inches	mm	inches	mm
A	0.126	3.20	0.130	3.30
B	0.059	1.50	0.063	1.60
C (SM1)	0.037	0.95	0.039	1.00
D	0.029	0.75	0.030	0.77
E	0.020	0.50	0.021	0.52

SUGGESTED LAND PATTERN



PIN CONNECTIONS

1. Output
2. Ground
3. Output Enable/Disable (T) or no connection (N)
4. V_{DD}

