



CXOQ/CXOQHG OSCILLATOR

400 kHz to 100 MHz

One of the World's Smallest and Highest Precision Crystal Oscillators

DESCRIPTION

Technological advancements permit 2.5 mm x 2.0 mm CXOQ quartz oscillator to have design-in capabilities of withstanding high shock applications. Additionally, the ultra-miniature CXOQ takes advantage of Statek's well known reliability and impeccable quality.



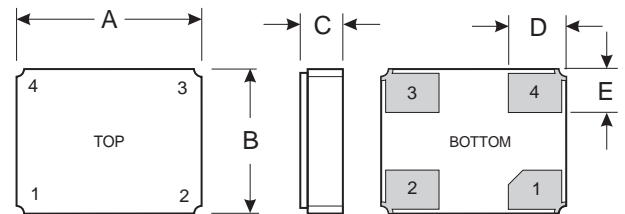
FEATURES

- High shock survival
- High frequency stability
- Low acceleration sensitivity (HG version)
- CMOS and TTL compatible
- Low power consumption
- Full military testing per MIL PRF 55310 available
- Optional output enable/disable with Tri-State
- Low EMI emission
- Hermetically sealed ceramic package
- Designed, manufactured and tested in the USA

APPLICATIONS

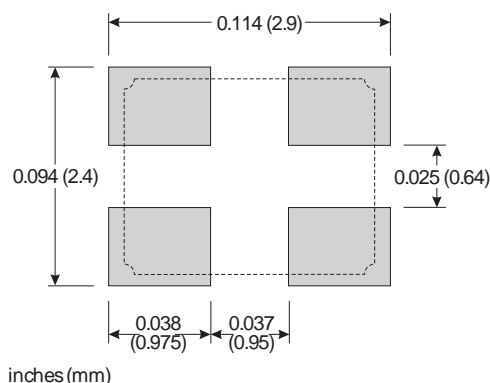
- Military
- Medical
- Industrial

DIMENSIONS



DIM	TYPICAL		MAXIMUM	
	inches	mm	inches	mm
A	0.098	2.50	0.102	2.60
B	0.079	2.00	0.083	2.10
C (SM1)	0.035	0.89	0.039	1.00
C (SM3/SM5)	0.040	1.02	0.048	1.22
D	0.026	0.67	0.027	0.69
E	0.022	0.57	0.023	0.59

SUGGESTED LAND PATTERN



PIN CONNECTIONS

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