

DESCRIPTION

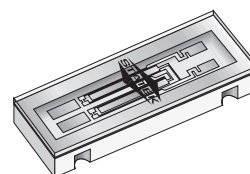
STATEK's ultra-miniature CX4VSM quartz crystals are hermetically sealed in surface mount ceramic packages and custom laser-tuned to frequencies ranging from 30 kHz to 250 kHz. This high quality tuning fork resonator is intended for use in Pierce (single inverter) oscillators with a maximum process temperature not to exceed 260°C.

FEATURES

- Ultra-miniature, surface mount design
- Available with glass or ceramic lid
- Hermetically sealed ceramic package
- Quartz crystal tuning fork design
- High shock and vibration survival
- Excellent aging characteristics
- Designed for low power applications
- Full military testing available
- Designed and manufactured in the USA

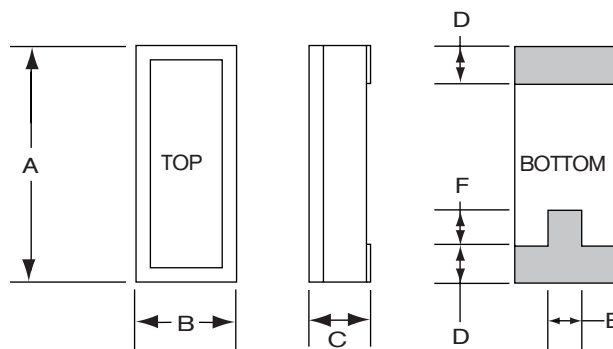
APPLICATIONS

- Medical Implantable and Non-Implantable Devices
- Military Devices
- Smart Card
- Transponder / Animal Migration
- Space Limited Devices
- Handheld Battery Operated Devices
- Down Hole / Industrial Instrumentation
- Computer / Computer Peripherals



Glass Lid Shown

PACKAGE DIMENSIONS

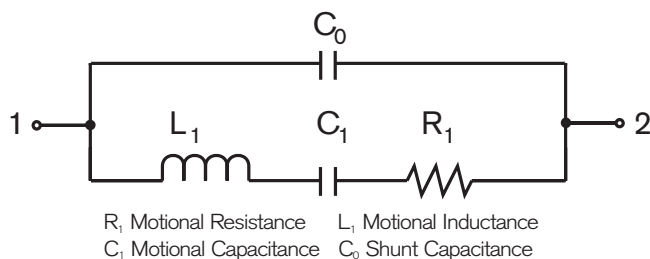


DIM	TYP.		MAX.	
	inches	mm	inches	mm
A	0.197	5.00	0.210	5.33
B	0.072	1.83	0.085	2.16
C	-	-	see below	
D	0.036	0.91	0.046	1.16
E	0.020	0.51	-	-
F	0.025	0.64	-	-

THICKNESS (DIM C)

Lid	Termination	Maximum	
		inches	mm
Ceramic	SM1	0.050	1.27
	SM2/SM4	0.051	1.30
	SM3/SM5	0.053	1.35
Glass	SM1	0.045	1.14
	SM2/SM4	0.046	1.17
	SM3/SM5	0.048	1.22

EQUIVALENT CIRCUIT



SUGGESTED LAND PATTERN

