



CX3SM AT CRYSTAL

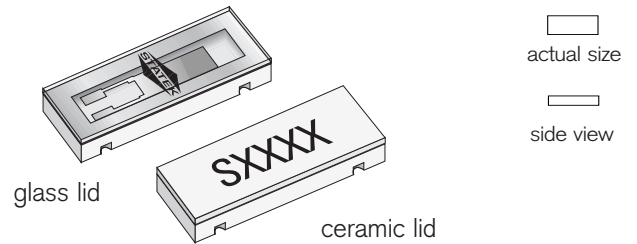
9.6 MHz to 250 MHz

Low Profile Miniature Surface Mount AT Quartz Crystal

Fundamental Mode: 9.6 MHz - 250 MHz

DESCRIPTION

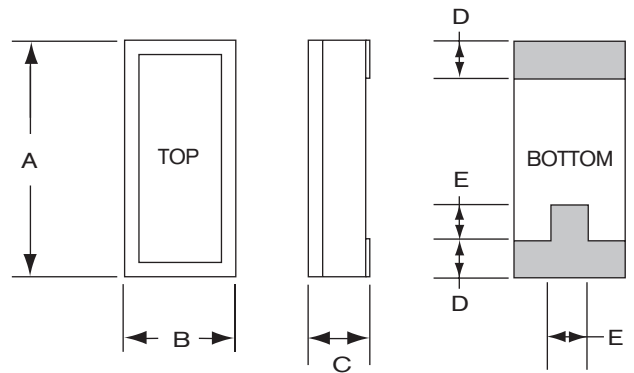
STATEK's miniature CX3SM AT crystals in leadless ceramic packages are designed for surface mounting on printed circuit boards or hybrid substrates. These crystals are low profile and have a small land pattern.



FEATURES

- Designed for surface mount applications using infrared, vapor phase, or epoxy mount techniques.
- Low profile (less than 1.5 mm available) hermetically sealed ceramic package
- Excellent aging characteristics
- Available with glass or ceramic lid
- High shock and vibration resistance
- Custom designs available
- Full military testing available
- Designed and manufactured in the USA

PACKAGE DIMENSIONS



APPLICATIONS

Medical

- Monitoring Equipment

Industrial, Computer & Communications

- Instrumentation
- Down-hole Data Recorder
- Engine Control
- Handheld Inventory Control
- Telemetry

Military & Aerospace

- Communications
- Smart Munitions
- Timing Devices
- Surveillance Devices

DIM	TYPICAL		MAXIMUM	
	inches	mm	inches	mm
A	0.263	6.68	0.270	6.86
B	0.097	2.46	0.104	2.64
C	-	-	see below	
D	0.052	1.32	0.058	1.47
E	0.030	0.76	0.035	0.89

THICKNESS (DIM C) MAXIMUM

	GLASS LID		CERAMIC LID	
	inches	mm	inches	mm
SM1	0.053	1.35	0.067	1.70
SM2/SM4	0.055	1.40	0.069	1.75
SM3/SM5	0.058	1.47	0.072	1.83