



CX3HSM CRYSTAL

18 kHz to 600 kHz
Low Profile Surface Mount
Quartz Crystal for Series Oscillators

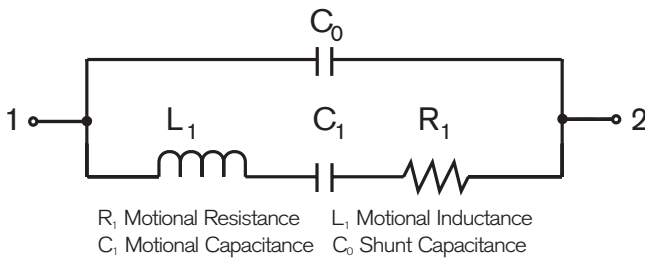
DESCRIPTION

The CX3HSM quartz crystals are leadless devices designed for surface mounting on printed circuit boards or hybrid substrates. These miniature crystals are intended to be used in Series oscillators. They are hermetically sealed in a rugged, miniature ceramic package. They are manufactured using the STATEK-developed photolithographic process, and were designed utilizing the experience acquired by producing millions of crystals for industrial, commercial, military and medical applications. Maximum process temperature should not exceed 260°C.

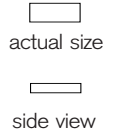
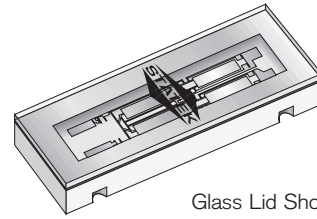
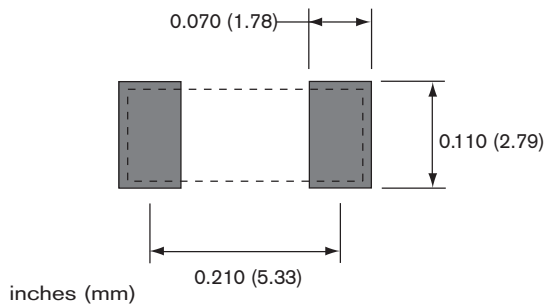
FEATURES

- Miniature tuning fork design
- High shock resistance
- Designed for low power applications
- Compatible with hybrid or PC board packaging
- Low aging
- Full military testing available
- Designed and manufactured in the USA

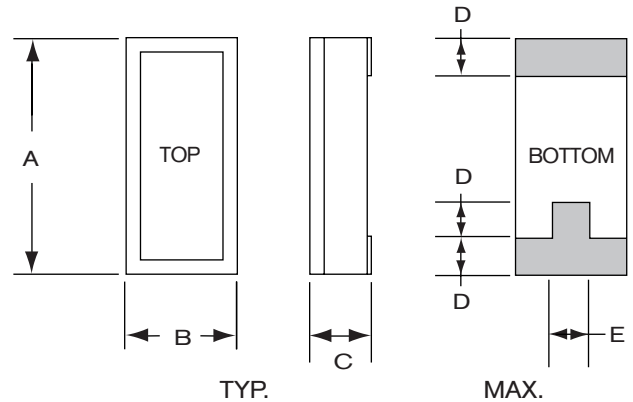
EQUIVALENT CIRCUIT



SUGGESTED LAND PATTERN



PACKAGE DIMENSIONS



DIM	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

DIM "C"	GLASS LID		CERAMIC LID	
MAX	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

CONVENTIONAL SERIES OSCILLATOR CIRCUIT

