



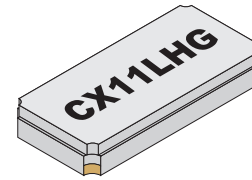
CX11LHG AT CRYSTAL

16 MHz to 50 MHz

High Shock, Ultra Low Profile, Ultra-Miniature
AT Quartz Crystal

DESCRIPTION

CX11LHG is a high performance quartz crystal designed to survive the most extreme shock and high vibration application environments. Low acceleration sensitivity and low aging performance meets the most demanding requirements. Available with tight calibration tolerances and high stability over temperature.



FEATURES

- Mechanical shock survivability up to 75,000 g
- Ultra-low profile - typical height of 0.5 mm
- Low acceleration sensitivity available
- Hermetically sealed ceramic package
- Excellent aging characteristics
- Full military testing available
- Designed, manufactured and tested in the USA

APPLICATIONS

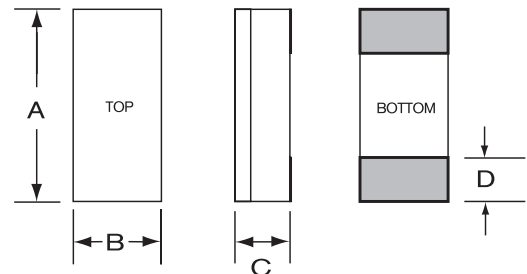
Industrial & Communications

- Down-hole Data Recorder
- Process Control
- Environmental Control
- Engine Control
- Telemetry
- Ruggedized Instrumentation
- Automotive Control

Military & Aerospace

- Smart Munitions
- Timing Devices (Fuzes)
- Surveillance Devices
- Missile Telemetry
- Ruggedized Communications
- Aviation Equipment

PACKAGE DIMENSIONS



DIM	TYPICAL		MAXIMUM	
	inches	mm	inches	mm
A	0.127	3.20	0.135	3.43
B	0.060	1.50	0.068	1.73
C	see below			
D	0.028	0.71	0.037	0.94

THICKNESS (DIM C)

Termination	Typical		Maximum	
	inches	mm	inches	mm
SM1	0.020	0.51	0.023	0.59
SM2/SM4	0.021	0.53	0.024	0.60
SM3/SM5	0.023	0.58	0.025	0.63

SUGGESTED LAND PATTERN

