



HIGH TEMPERATURE OSCILLATORS

High Temperature/High Shock

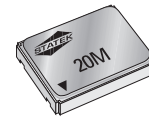
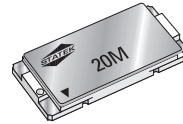
DESCRIPTION

An increasing number of applications require the use of high-temperature oscillators. For these applications, Statek offers the CXOHT, CXOMKHT, and CXOXHT oscillators. These oscillators are designed to operate at temperatures up to 200°C with high shock survivability.

CXOHT
320 kHz - 50 MHz

CXOMKHT
200 kHz - 50 MHz

CXOXHT
1 MHz - 50 MHz



FEATURES

- High temperature operation up to 200°C
- Excellent stability over temperature
- Fast start-up
- High shock resistance
- CMOS and TTL compatible
- Optional output enable/disable
- Low EMI emission
- Hermetically sealed ceramic package

PIN CONNECTIONS

1. Enable/Disable (E or T) or No Connection (N)
2. Ground
3. Output
4. V_{DD}

DIMENSIONS

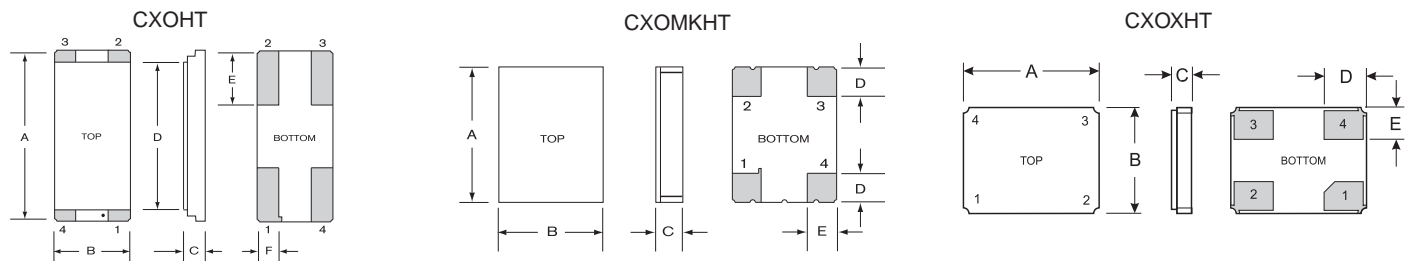
DIM	CXOHT		CXOMKHT		CXOXHT	
	MAXIMUM	MAXIMUM	MAXIMUM	MAXIMUM	MAXIMUM	MAXIMUM
A	inches	mm	inches	mm	inches	mm
A	0.405	10.29	0.263	6.68	0.136	3.40
B	0.190	4.83	0.204	5.18	0.107	2.70
C (SM1)	0.055	1.40	0.060	1.52	0.043	1.09
C (SM3/SM5)	0.063	1.60	0.065	1.65	0.048	1.21
D	0.350	8.89	0.065	1.65	0.041	1.10
E	0.135	3.43	0.070	1.78	0.031	0.85
F	0.060	1.52	_____	_____	_____	_____

APPLICATIONS

Industrial

- Downhole instrumentation
- Rotary shaft sensors
- Underground boring tools

PACKAGE DIMENSIONS



SUGGESTED LAND PATTERN

