



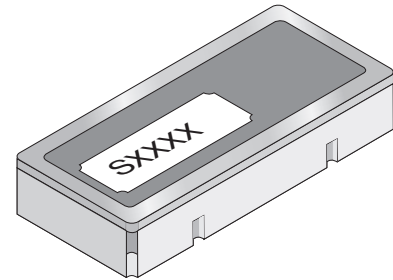
LSC OSCILLATOR

30 kHz to 400 kHz

Low Power Surface Mount Crystal Oscillator

DESCRIPTION

The LSC oscillator is designed especially for applications requiring low power consumption. The design consists of a Statek miniature Tuning Fork quartz crystal and a CMOS compatible integrated circuit in a ceramic package.



FEATURES

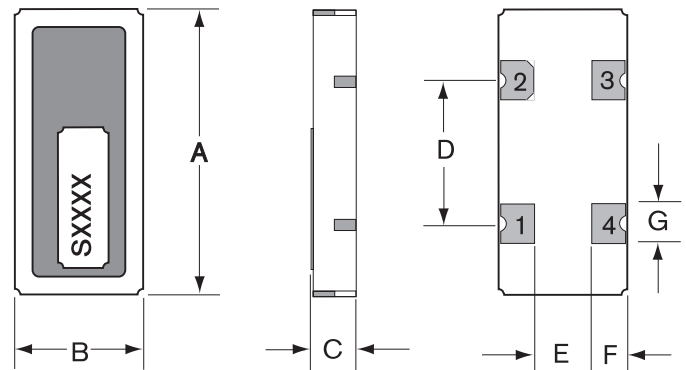
- Ultra-low power consumption
- Typical start-up time of 500ms
- Low aging
- CMOS compatible
- Typical rise and fall times of 25ns
- 5 V operation standard
- 3.3 V operation also available
- Optional Tri-State output
- Low cost solution
- Designed, manufactured, and tested in the USA

APPLICATIONS

Industrial, Computer & Communications

- General purpose clock oscillator
- Data logger
- Remote sensor
- Real time clock
- Medical test and diagnostics
- Portable field communication

PACKAGE DIMENSIONS



DIM	TYPICAL		MAXIMUM	
	inches	mm	inches	mm
A	0.400	10.16	0.405	10.29
B	0.180	4.57	0.185	4.70
C*	0.065	1.65	0.070	1.77
D	0.200	5.08	0.205	5.21
E	0.080	2.03	0.085	2.16
F	0.050	1.27	0.058	1.47
G	0.055	1.40	0.063	1.60

Termination material is Au over Ni (SM1), solder dip (SM3) also available.

*SM1 Termination; SM3 = 0.075 in. (1.91mm) Max.

SUGGESTED LAND PATTERN

