

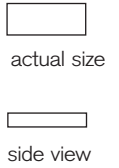
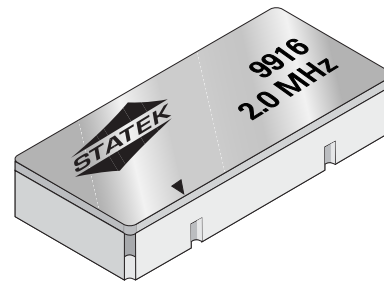
# LSM OSCILLATOR

700 kHz to 2.1 MHz

Low Power Surface Mount Crystal Oscillator

## DESCRIPTION

The LSM oscillator has the highest accuracy, stability and the lowest current of all STATEK surface mount oscillators. The design consists of a STATEK crystal, and a CMOS-compatible integrated circuit. The hybrid design is hermetically-sealed with a kovar lid in a surface mount ceramic package. Permanent precision tuning of the oscillator is accomplished by laser trimming the crystal.



## FEATURES

- Low power consumption
- Low aging
- CMOS compatible
- Hermetically sealed package
- Full military testing available
- 3 Volt operation available

## APPLICATIONS

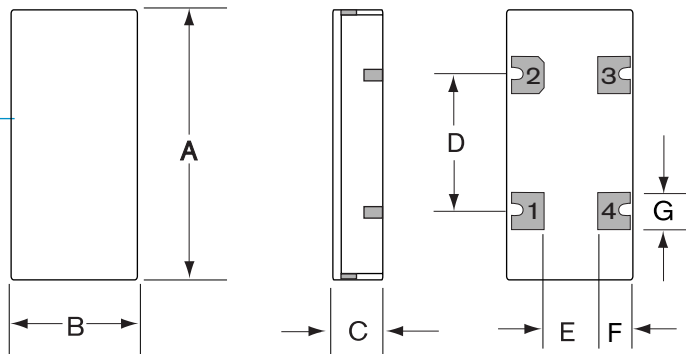
Industrial, Computer & Communications

- General purpose clock oscillator
- Data logger
- Remote sensor
- Medical test and diagnostics

Military

- Portable field communication
- Military high speed modem

## 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*	0.071	1.80	0.079	2.00
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 = 0.084 in. (2.13mm) Max.

## SUGGESTED LAND PATTERN

