

## DESCRIPTION

Statek's 32.768 kHz LFXOTF oscillator is designed for applications requiring low current consumption (as low as 600 nA). It consists of a Statek miniature tuning fork quartz crystal and a CMOS compatible IC in a ceramic package. The ceramic packaged crystal used in the LFXOTF oscillator is pre-qualified before assembly through electrical tests and characterization over temperature.

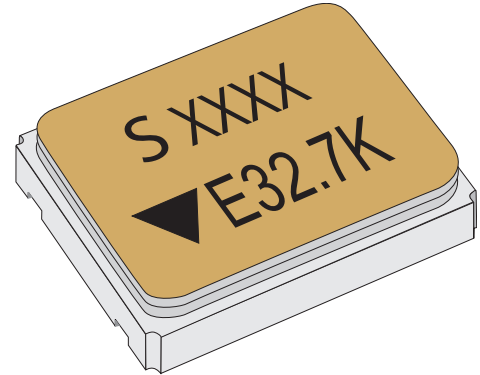
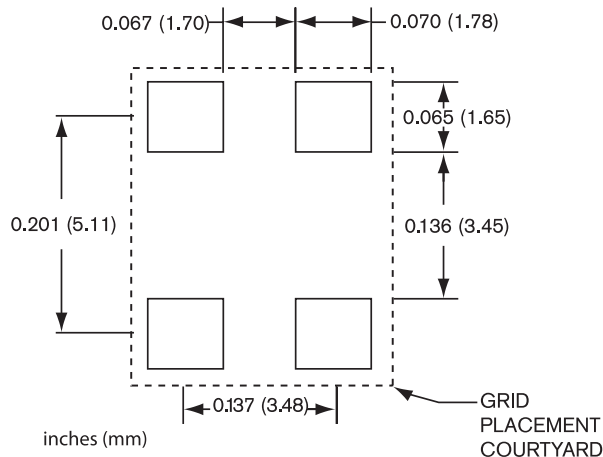
## FEATURES

- Ultra-low power
- Low aging (double hermetic seal)
- CMOS output
- Optional output enable/disable with tri-state
- Low EMI emission
- Full military testing available
- High temperature option

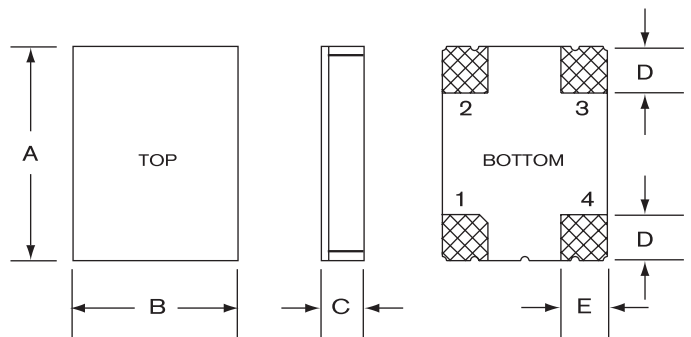
## APPLICATIONS

- Medical
- Military & Aerospace
- Industrial controls
- Instrumentation

## SUGGESTED LAND PATTERN



## DIMENSIONS



DIM	TYPICAL		MAXIMUM	
	inches	mm	inches	mm
A	0.256	6.50	0.263	6.68
B	0.197	5.00	0.204	5.18
C (SM1)	0.063	1.60	0.065	1.65
C (SM3/SM5)	0.067	1.70	0.073	1.85
D	0.055	1.40	0.065	1.65
E	0.060	1.52	0.070	1.78

## PIN CONNECTIONS

1. Not connected (N) or Enable/Disable (T)
2. Ground
3. Output
4.  $V_{DD}$