

DESCRIPTION

Statek's high shock HFXO oscillators, available in tight frequency tolerances, consist of a Statek miniature quartz crystal and a CMOS/TTL compatible hybrid circuit in a ceramic package. Each crystal used in the HFXO oscillator is pre-qualified before assembly through electrical tests and characterization over temperature.

FEATURES

- Mechanical shock survivability of 75,000 g up to 50 MHz
- Tight frequency tolerance
- Low acceleration sensitivity
- Low aging (Double Hermetic Seal)
- Low jitter
- Optional Output Enable/Disable with Tri-State
- Low EMI emission
- Full military testing to MIL-PRF-55310 available
- Low power consumption

APPLICATIONS

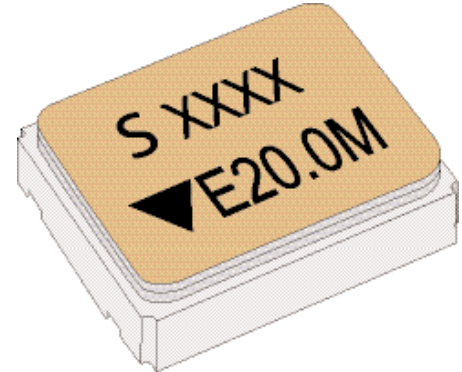
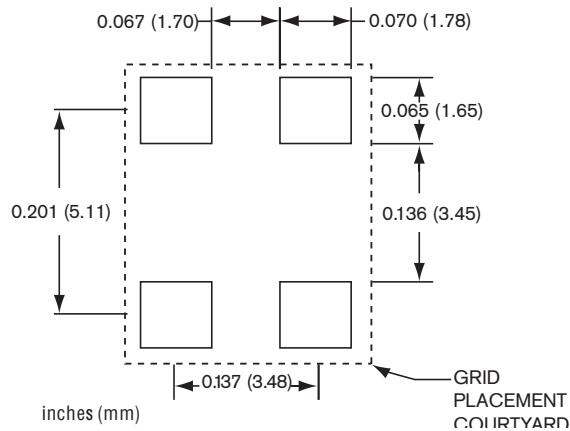
Military & Aerospace

- Smart Munitions
- Cockpit Systems
- Navigation

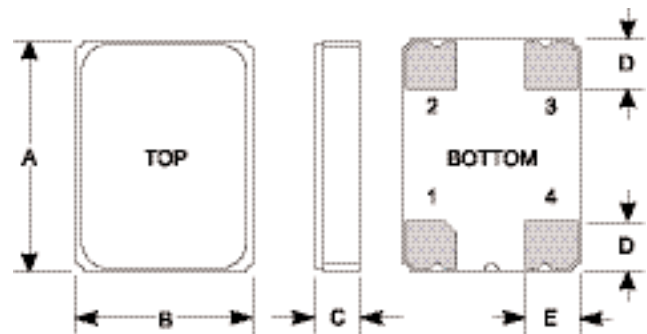
Industrial, Computer & Communications

- Industrial Controls
- Instrumentation
- Down-hole Drilling

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)	0.065	1.65	0.068	1.73
C (SM3/SM5)	0.069	1.75	0.075	1.91
D	0.055	1.40	0.065	1.65
E	0.060	1.52	0.070	1.78

PIN CONNECTIONS

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