

DESCRIPTION

CXOLP is an ultra-miniature (3.2 x 1.5mm), low power (55µA at 1.0MHz), fast start-up time (typically 1ms), high shock (10,000g or higher) and low aging (2ppm first year) quartz crystal oscillator. Hermetically sealed in a highly reliable ceramic package, this oscillator is available at frequencies from 1.0 MHz to 8.5 MHz with operating temperature range of -55°C to +125°C.

FEATURES

- Low current consumption (55 µA @ 1 MHz)
- Fast start-up (1 ms typical)
- Tight tolerance
- High shock resistance (10,000 g typical)
- Low aging
- Hermetically sealed ceramic package
- Designed and manufactured in the USA

APPLICATIONS

Military, Aerospace & Avionics

- Communications
- Battery Operated Devices
- Navigation
- ICAD Devices
- GPS

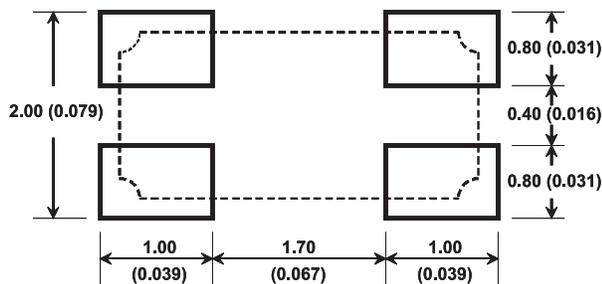
Industrial, Computer & Communications

- Wireless Telemetry
- Handheld instrumentation
- Transponder/Animal migration

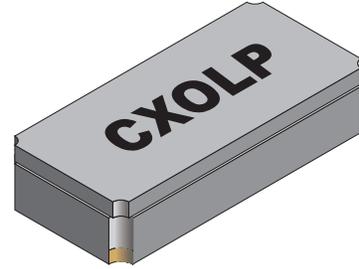
Medical

- Patient monitoring
- Infusion Pumps

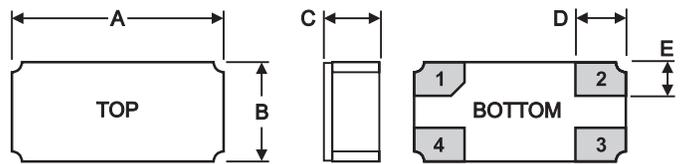
SUGGESTED LAND PATTERN



mm (inches)



DIMENSIONS



DIM	TYPICAL		MAXIMUM	
	inches	mm	inches	mm
A	0.126	3.20	0.130	3.30
B	0.059	1.50	0.063	1.60
C (SM1)	0.037	0.95	0.039	1.00
D	0.029	0.75	0.030	0.77
E	0.020	0.50	0.021	0.52

PIN CONNECTIONS

1. Output
2. Ground
3. Output Enable/Disable (E) or no connection (N)
4. V_{DD}

