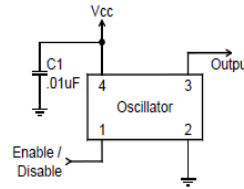
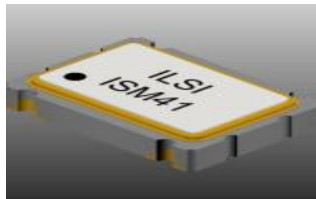




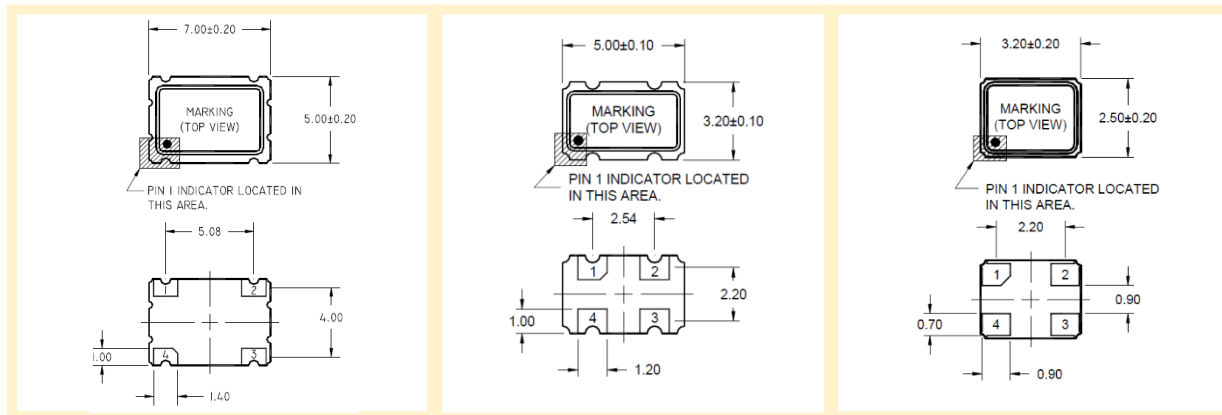
**ILSI America LAUNCHES THE ISM41, ISM42 and ISM43 SERIES ULTRA LOW JITTER AND PHASE NOISE LVCMOS CLOCK OSCILLATORS**



**ISM41**

**ISM42**

**ISM43**



- Package size 5x7mm, 3.2x5.0mm, 2.5x3.2mm
- Frequency Range of 20MHz - 50MHz
- RMS Phase Jitter at 49.152MHz (12kHz-20MHz) 48fSec typical at +3.3VDC, 118fSec typical at +1.80VDC
- Phase Noise of -126dBc/Hz typical at 100Hz offset
- Supply Voltages of +1.8VDC, +2.5VDC, and +3.3VDC
- Supply Current of 3mA at 1.8VDC
- Operating Temperature Range of -40°C to +85°C
- ±25ppm Frequency Tolerance other options available



**About ILSI America LLC:** Founded in 1987, ILSI America LLC has been a market leader in frequency control products for over 30 years. ILSI America LLC, parent company to MMD and Ecliptek LLC, provides turnkey supply chain management solutions and engineering support for our frequency control products for our OEM customers and worldwide distribution partners. Please visit our website at [www.ilsiamerica.com](http://www.ilsiamerica.com) [www.mmdcomp.com](http://www.mmdcomp.com) [www.ecliptek.com](http://www.ecliptek.com) or please email us at [e-mail@ilsiamerica.com](mailto:e-mail@ilsiamerica.com).