



FOR IMMEDIATE RELEASE

**INTRODUCING THE SMALLEST, HIGHEST SHOCK RATED,
U.S. MADE, LOW EARTH ORBIT OSCILLATOR**

ORANGE, Ca., August 10, 2020 – Statek Corporation is proud to announce the release of its 30 kRad tolerant, ultra-high shock, low phase-noise oscillator. Capable of withstanding shocks up to 100,000 g, the CXOXLPNR is housed in a hermetically sealed ceramic 3.2 x 2.5 mm package and has an operating temperature range of -55 °C to +125 °C. The CXOXLPNR delivers a low voltage CMOS output with low phase noise, low jitter and low acceleration sensitivity. At 125 MHz, its noise floor is -165 dBc/Hz at 20 MHz offset and the typical RMS phase jitter over 12 kHz to 20 MHz is 75 fs. Available with screening options to meet all program requirements, the CXOXLPNR will become the preferred choice for all Low Earth Orbit (LEO) applications.

Located in Orange, California, Statek Corporation is the leading U.S. designer and manufacturer of high reliability crystals and oscillators. Statek's core competency is its ability to design and manufacture ultra-miniature resonators in quartz wafers using its patented photolithographic and chemical milling processes. Founded in 1970, Statek has become the premier supplier of high shock and high vibration crystals and oscillators for all industries requiring high reliability and extremely robust performance. With superior shock and vibration, extended temperature ranges, small size and extreme high reliability, Statek is the supplier of choice for the Industrial, Military, Medical, and Space industries.

Please access the CXOXLPNR datasheet [here](#).