

Raltron develops industry's smallest OCXO

Raltron, a global leader in high performance frequency management components and antenna products, has designed the smallest SMD oven controlled crystal oscillator (OCXO) available on the market. At only 9 mm x 7 mm, the OX7000 Series is designed for applications that require ultra-small size and superior temperature stability. This includes all aspects of 5G wireless infrastructure, transmission, precision instrumentation, broadcasting, utility metering infrastructure, and more.



The OX7000 Series covers a frequency range from 5.000 MHz to 40.000 MHz with a power supply voltage of 3.3 V at 150 mA steady state. The OX7000 Series OCXO combines ultra-small size with ultra-reliable frequency stability of +/-10 ppb.

“Built to support customer demands, the OX7000 Series delivers superior performance in a miniature package. Ensuring minimal frequency deviations after reflow, the high stability OCXO is ideal for low frequency wireless and RF applications that require low noise,” said Ross Weiss, VP sales at Raltron

Housed in a hermetically sealed package for improved reliability, the OX7000 Series offers a quick warm-up time of 3 minutes, a low phase noise of -158 dBc/Hz at 10kHz offset and HCMOS output levels.

For more information please visit

https://www.raltron.com/wp-content/uploads/2020/04/OCXO_SERIEs_7000.pdf

Request a sample of the OX7000 today! Contact: info@diverseelectronics.com.

About Raltron

Founded in 1983, Raltron is a privately held ISO-9001:2015 certified company that offers the most comprehensive line of frequency management devices in the industry. Raltron develops, manufactures and sells products worldwide including crystal resonators, clock oscillators, VCXOs, TCXOs, OCXOs, VCO's, SAW and LTCC filters, ceramic resonators and a variety of IoT compatible antennas, RF cable assemblies and RF connectors. Raltron is dedicated to continuous growth through investing in its traditional markets like telecom infrastructure, consumer, industrial, medical, as well as new markets including IoT, M2M and smart metering. Its products are marketed through a worldwide network of independently owned representatives and franchised distributors.

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