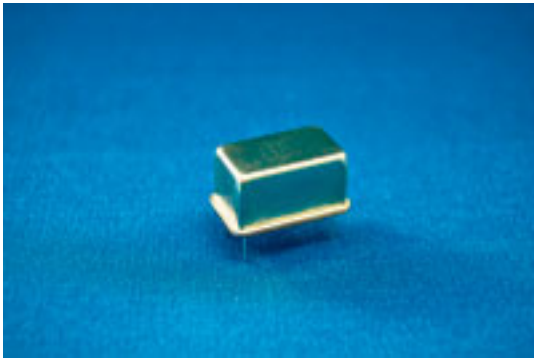


Oven-Controlled Crystal Oscillators



MMD Components (Monitor & Quartztek) has introduced the MOFL series, a line of low-cost oven-controlled crystal oscillators (OCXOs). Suitable for a variety of instrumentation and industrial applications, these OCXOs have stabilities of ± 0.1 ppm over an operating temperature range of -20°C to $+70^{\circ}\text{C}$, and they are evacuated for frequency stability over the entire operating range. Units are offered in an industry-standard 14-pin DIP configuration or in a gull-wing surface-mount version. They provide fast warm-up and low power usage with typical current consumption of 200 mA during start-up and under 75 mA in steady-state operation at 25°C for a 12 V DC unit. Operating voltages of 3.3 V and 5 V can be specified as well as frequency ranges from 1 MHz to 100 MHz.

MMD Components

Source URL (retrieved on 01/26/2015 - 6:44pm):

<http://www.wirelessdesignmag.com/product-releases/2006/08/oven-controlled-crystal-oscillators>