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3750-3800 MHz Voltage Controlled Oscillator



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Company Name: Crystek Corp.

Company URL: www.crystek.com (<http://www.crystek.com>)

Product Link: www.crystek.com (<http://www.crystek.com>)

Crystek's CVCO55CC-3750-3800 VCO (Voltage Controlled Oscillator) operates from 3750 MHz to 3800 MHz with a control voltage range of 0.5V~16V. This VCO features a typical phase noise of -105 dBc/Hz @ 10KHz offset and has excellent linearity. Output power is typically +2 dBm.

Engineered and manufactured in the USA, the model CVCO55CC-3750-3800 is packaged in the industry-standard 0.5-in. x 0.5-in. SMD package. Input voltage is 5V, with a max. current consumption of 30 mA. Pulling and Pushing are minimized to 1.0 MHz and 2.5 MHz/V, respectively. Second harmonic suppression is -15 dBc typical.

The CVCO55CC-3750-3800 is ideal for use in applications such as digital radio equipment, fixed wireless access, satellite communications systems, and base stations.

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