

November, 2001

**New from Connor-Winfield — Mini Surface Mount
HCMOS Stratum 3 Oven Controlled Crystal Oscillator (OCXO)**

Designers of Base Stations and Timing Products will appreciate the tight frequency stability and low jitter of our new Oven Controlled Crystal Oscillators. Frequency calibration is +/- 1.5 ppm at time of shipment. Output is HCMOS compatible and meets stability requirements of Stratum 3 applications. Low jitter of < 5 ps and +/- 0.25 ppm temperature stability are ideal for a variety of telecommunications applications. Oscillators are available in 3.3V supply voltage (Model ASOF3S3), or 5V supply voltage (Model ASOF5S3).



Design Advantage: This is a true Surface-Mount packaging design. Maximum-seated height is only 0.330", which minimizes stack-up space. Low operating voltage design allows designers to use a single 3.3V power supply. Unique design considerations provide improved TDEV performance.

Features of the new Surface Mount Oven Control Crystal Oscillator:

- Low profile 0.33" max SMT package
- 3.3V or 5V operation
- TDEV < 2ns @ 4 sec
- +/- 4.6 ppm over 10-year lifetime
- < 5ps jitter, ideal for Stratum 3, OC48 and OC192 applications
- +/- 0.25 ppm overall stability, 0°C to 70°C

For more information contact Connor-Winfield Corp.

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Data Sheet Link: Model ASOF3S3: www.conwin.com/datasheets/cx/cx013.pdf
Model ASOF5S3: www.conwin.com/datasheets/cx/cx012.pdf

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