

For Immediate Release

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### Connor-Winfield's new EH321-TFC-CC 1PPS Disciplined OCXO



**Aurora, IL** —Connor-Winfield's EH321-TFC-CC-60033CF represents a simplified version of its predecessor EH320 TFC series modules, offering a single clock output combined with a single 1PPS output signal. This highly integrated module combines an NPLL system with an APLL system that converts an incoming 1PPS signal to a phase locked clock output, typically 10MHz, in addition to a phase locked 1PPS 3.3V LVCMOS output. The onboard OCXO is internally and dynamically calibrated offering a free run or holdover stability of <1ppb over the full operating temperature range. Phase locked frequencies are preset at the factory, but a wide variety of output frequencies up to 156.25MHz are available on request.

This module will alternatively operate as a holdover OCXO without an incoming 1PPS reference. With its excellent thermal stability, its 2E-12 short term stability and 0.5ppb/day aging performance, the EH321-TFC-CC-60033CF modules are an excellent choice for applications for a number of wireless communication systems that benefit from ultra-stable frequency performance. This synchronizing OCXO series provides precision frequency control over standard commercial or industrial temperature ranges.

#### Applications:

- Basestations, Communications
- Network Synchronization, IEEE1588
- Software Define Radio

#### Features:

- 22x25x16.5mm SMD Package
- Typical 10MHz Output with frequencies available up to 156.25 MHz
- +3.3Vdc Operation
- Output Logic: LVCMOS
- Frequency Stability:  $\pm 0.3\text{ppb}$ ,  $\pm 0.5\text{ppb}$ , or  $\pm 1.0\text{ppb}$ , -40 to 85°C
- Fixed Output Frequency Operation
- Low Phase Noise < -160dB
- RoHS Compliant / Lead Free

Price: \$125.00 1K quantity

For more information contact:

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