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April, 2015

Connor-Winfield Announces New 14 pin DIP OCXO model for compliant to Stratum 3E

Aurora, IL – The OH4 14pin DIP series OCXO is an SC-cut crystal based oscillator designed specifically to be used in conjunction with a low filter bandwidths from <1mH to .1 Hz for compliance with T1-based hierarchy specifications such as ITU-T G.8262 Option 1 and 2 ECC, ITU-T G.8263, ITU-T G.813 Option 1 and 2 SEC, Stratum 3 and 3E for Sonet, IEEE1588 and Synchronous Ethernet. CW's OH4 OCXO line is housed in the small form factor of 14x20mm as either a SMD or 14pin DIP through hole package.

The OH4 OCXO series configuration options offer 10ppb pk-pk frequency stability, industrial temperature range operation of -40 to +85C as well as excellent phase noise, short term stability and aging characteristics.



Features:

- Available Frequencies range from 10MHz to 100MHz with standard frequencies of, 12.8 MHz, 19.2 MHz, 19.44 MHz, 20 MHz, 24.576 MHz, 25 MHz, 38.88 MHz, 40 MHz and 100 MHz.
- 3.3V LVCMOS or Sine output
- Fixed output or Voltage control
- Meets Stratum Level MTIE and TDEV masks measured at .1Hz bandwidth
- Short term stability 1x10⁻¹¹ performance
- 10 ppb peak to peak temperature stability
- Sub-300ps jitter performance over 12kHz-20MHz band
- Life time accuracy of +/- 1ppm
- Full ROHS and REACH compliance
- 14x20mm SMD or Through hole packaging options

Pricing: \$35 at 1K

Connor-Winfield products are designed and produced in the USA.

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