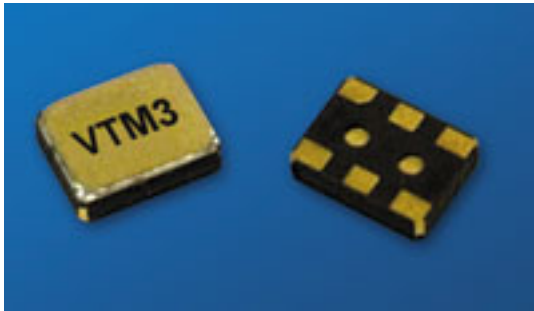


## GPS Quality TCXO in a LCC Package



Vectron International announces the release of its smallest temperature compensated crystal oscillator (TCXO) to date. The VTM3 TCXO offers similar phase noise performance to the company's VTC4 and VTC1 TCXOs in a 50% smaller package (3.2mm  $\times$  2.5 mm), enabling designers in the communications, industrial, test and military markets to benefit from the flexibility of a smaller, lower power oscillator without compromising the tight stability and good phase noise performance. Leveraging advanced crystal design and simulation techniques, Vectron was able to ensure the VTM3 offers phase noise performance comparable to its previous VTC1 and VTC4 generations (with a phase noise floor of  $\pm 150$  dBc/Hz) in a significantly smaller package. At the same time, the VTM3 provides enhanced frequency stabilization in an expanded temperature range (enabling the stabilization of frequencies between 8 MHz to 45 MHz in a temperature range of  $-30^{\circ}\text{C}$  to  $80^{\circ}\text{C}$ ).

[www.vectron.com](http://www.vectron.com)  
888-328-7661

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