



# 9210B

## Military OCXO

### STANDARD FEATURES

- 5 or 10MHz Output
- $<1E-10$  Per Day Aging
- $<3E-10$  G Sensitivity
- 30grms Random Vibration

As the military moves toward implementing more advanced communications, navigation and targeting systems, precision oscillators that can withstand a wide range of operating environments is becoming more critical.

The Symmetricom 9210B is a COTS military OCXO designed for ground tactical and airborne applications where superior frequency stability and phase noise are required. The 9210B is well suited for these applications as it provides superior phase noise performance, which is critical for radar applications and precise frequency accuracy and stability which is critical for secure communication and navigation applications.

The standard oscillator is available in either 5 or 10MHz output configurations, both of which provide excellent frequency stability and phase noise performance in static or dynamic environments.

For more challenging dynamic applications where phase noise under vibration is a key specification, a low G sensitivity option is available that improves g sensitivity to  $< 2E-10/g$ .

The 9210B is based around a double oven SC cut crystal resonator enclosed in an industry standard 2.0" x 2.0" x 1.25" package.



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