

Features

- Temperature Stability: ± 3 PPB over $(-40$ to $+85)^\circ\text{C}$
- Excellent Yearly Aging of less than ± 30 PPB
- Phase Noise Floor: -163 dBc/Hz typical at 10KHz
- Allan Variance: For 1 second τ typ. $1\text{E-}11$
- Optimized performance at 10MHz

Picture of Part

Packaging type R: 20.4 x 20.4 x 13.8mm



RoHS compliant

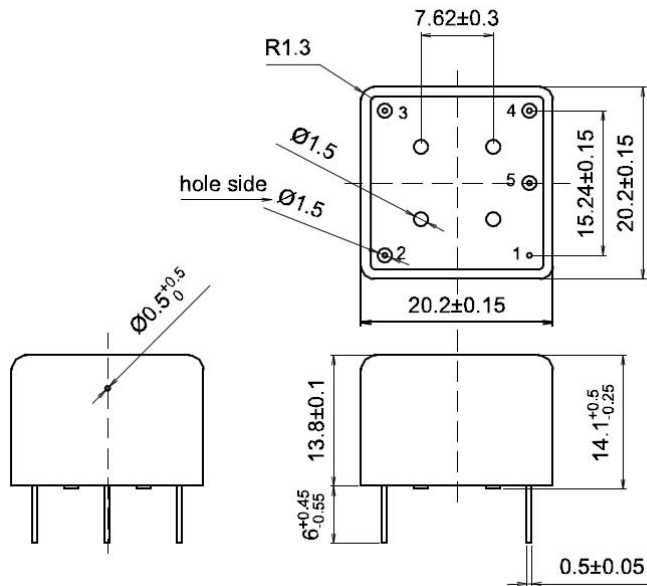
Typical Applications

- Test Instrumentation Reference
- GPS Timing Modules
- Microwave Communications

Description

The OPT OX-1206-10MHz-A series of miniature double ovens offers excellent overall frequency stability in a compact 20.4*20.4*13.8 mm enclosure. Low steady-state power dissipation of 1 Watt combined with excellent phase noise performance makes the 3182 ideally suited for a variety of application listed above.

Mechanical Drawing and PIN Connections



Pin	Signal
1	GND
2	RF Out
3	+V Supply
4	Electrical tuning
5	Reference voltage