



High Performance Rubidium Oscillator



■ Specification

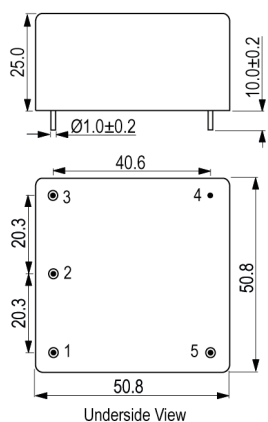
- » 50.8 x 50.8 x 25mm (2"x2"x1")
- » 10MHz frequency
- » ± 0.05 ppb frequency tolerance
- » -30 to +65°C
- » Ageing Day ± 0.005 ppb
- » 12V supply voltage
- » 6W power consumption
- » Sine output 50 Ω drive

■ Short Term Stability

- » 1s ± 0.08 ppb
- » 10s ± 0.03 ppb
- » 100s ± 0.008 ppb

■ Phase Noise (typical)

- » -67dBc/Hz @1Hz
- » -95dBc/Hz @10Hz
- » -127dBc/Hz @100Hz
- » -140dBc/Hz @1kHz



Pin Connections
1. Frequency Control
2. Lock Monitor
3. Output
4. GND
5. +Vs

[Click here for datasheet](#)

■ Applications

- » Stand-alone, free-run, stable frequency source, UMTS & LTE
- » Extended holdover for CDMA, WiMax, LTE base stations
- » Reliable reference clock source

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