FEATURES

- Exceptionally-Low Phase Noise
- Fixed-Frequencies to 10 GHz
- Robust Designs for Extended Temperature and High Vibe Environments Available
- Low Current Options Available

SPECIFICATIONS

- **Frequency Range**: 50 MHz to 10 GHz
- **Bandwidth**: Fixed
- **External Reference**: 5 to 200 MHz
- **Power Output**: up to +17 dBm
- **Harmonics**: <-20 dBc
- **Spurs**: <-60 dBc
- **Supply Options**: +3.3, +5 VDC
- **Current**: ≤200 mA
- **Phase Noise (dBc/Hz)**:
  - 1 KHz Offset: <-100
  - 10 KHz Offset: <-108
  - 100 KHz Offset: <-115
  - 1 MHz Offset: <-136
- **Temperature Ranges (Operating)**:
  - Standard: -20°C to +60°C
  - Other Available Ranges: -30°C to +70°C
  - Other Available Ranges: -40°C to +85°C
- **Packaging**: 0.9" x 0.9" x 0.21" (22.9 x 22.9 x 5.3)mm

PACKaging OUTLINE

Notes:
1. Tape-and-Reel available for high volume quantities.
2. Demoboards and Reference Modules available.
3. All dimensions are in inches unless otherwise specified.
4. Diagrams and pictures shown are examples only.

Note: All specifications are typical unless otherwise specified and subject to change without notice. Not all performance parameters are available in combination with certain specifications. E.G. Not all power output levels are available at all frequency ranges.