LCO Series
PRODUCT SERIES OVERVIEW

FEATURES

• Extremely Low Output Power Variation (±0.05 dB)
• Fixed-Frequencies to 5000 MHz
• Output Power to +10 dBm Available
• Optional Internal Reference

SPECIFICATIONS

Frequency Range ...................... 1400 to 5000 MHz
Bandwidth ............................. Fixed
External Reference .................. 5 to 100 MHz
Internal Reference (Optional) .... ≤±5 ppm, Stability
Power Output (Optional) .......... up to +10 dBm
Power Variation ..................... ±0.05 dB over 0°C to +85°C
........................................ ±0.1 dB w/ power cycle off/on
Harmonics ............................. <–30 dBc
Spurs ................................. <–60 dBc
Supply Options ...................... +5, +8, +12 VDC
Current ............................... ≤200 mA

Package Size ....................... 3.5” x 2.5” x 0.6”
........................................... (88.9 x 88.9 x 15.2)mm

Phase Noise (dBc/Hz) 2000 MHz
1 KHz Offset ......................... <–95
10 KHz Offset ....................... <–100
100 KHz Offset ..................... <–125
1 MHz Offset ......................... <–145

Temperature Ranges (Operating)
Standard ............................. 0°C to +50°C
Other Available Ranges .......... -20°C to +60°C
........................................ -30°C to +70°C
........................................ -40°C to +85°C

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.

CUSTOM DESIGNS AVAILABLE

PACKAGING OUTLINE

Notes:
1. All dimensions are in inches unless otherwise specified.
2. Diagrams and pictures shown are examples only.