

# Voltage Controlled Oscillator MW500-1204

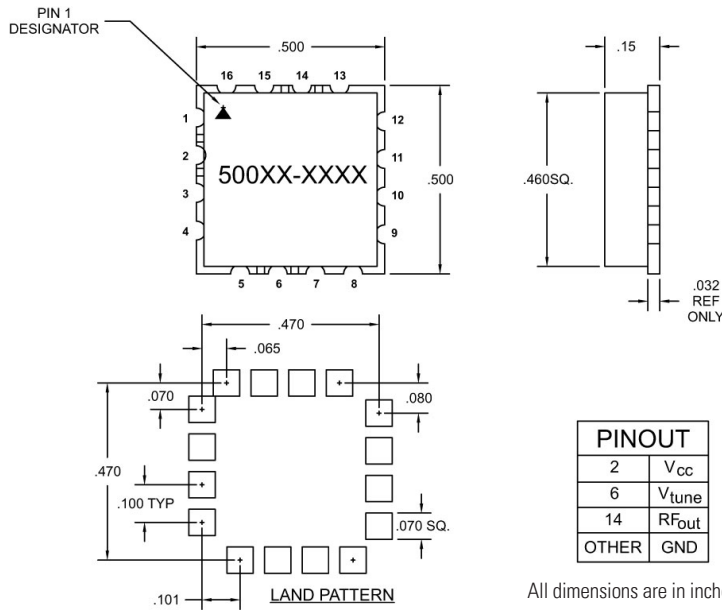


Specifications are subject to change without notice

## Specifications

Parameter	Value
Frequency	1600 MHz to 3200 MHz
Tuning Voltage	0.5/18 V
Power Output	7 +/- 2 dBm
Phase Noise	10 kHz Offset -96 (typ) dBc/Hz, 100 kHz Offset -119 (typ) dBc/Hz
Frequency Pushing	2 MHz/V
Frequency Pulling	18 MHz
Harmonic Suppression	-15 (MAX)
Supply Voltage	9 Vcc
Supply Current	40 mA
Load Impedance	50
Operating Temperature	-30 to 75 °C

## Outline Drawing



All dimensions are in inches

## Need More Help? Need a Variant of This Product?

Contact Mercury's RF & Microwave engineering team at [rf.microwave@mrcy.com](mailto:rf.microwave@mrcy.com) or visit [www.mrcy.com/rf](http://www.mrcy.com/rf) for a detailed listing of RF and Microwave products.



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