

# Voltage Controlled Oscillator MW500-1222

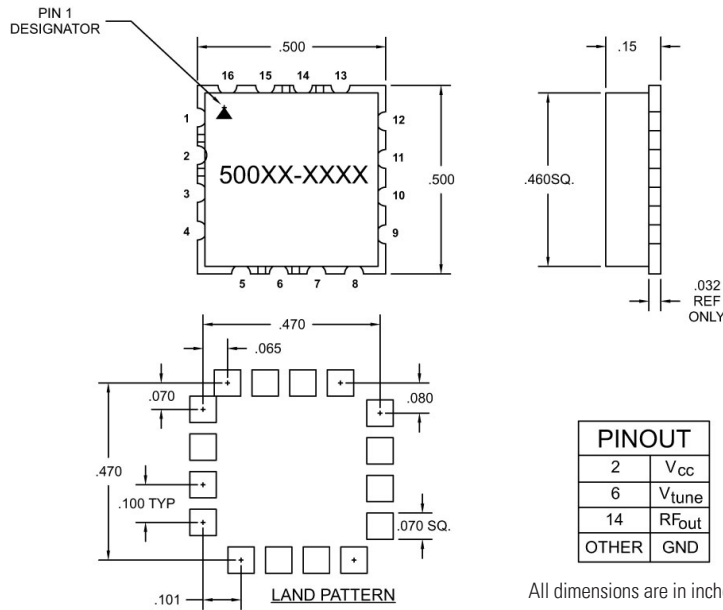


Specifications are subject to change without notice

## Specifications

Parameter	Value
Frequency	2000 MHz to 4000 MHz
Tuning Voltage	0.5/20 V
Power Output	3 +/- 3 dBm
Phase Noise	10 kHz Offset -82 (typ) dBc/Hz, 100 kHz Offset -104 (typ) dBc/Hz
Frequency Pushing	6 MHz/V
Frequency Pulling	30 MHz
Harmonic Suppression	-18 (MAX)
Supply Voltage	12 Vcc
Supply Current	35 mA
Load Impedance	50
Operating Temperature	-40 to 85 °C

## Outline Drawing



## 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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