

# Voltage Controlled Oscillator MW500-1673F



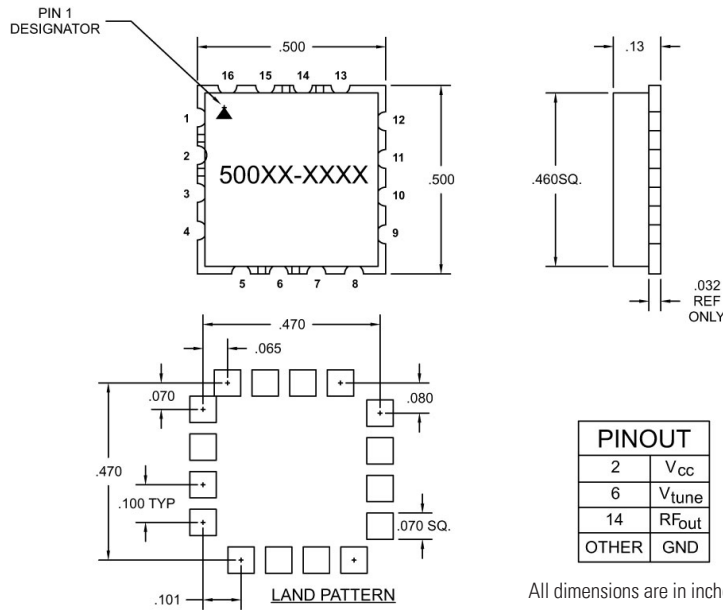
Specifications are subject to change without notice

## Specifications

Parameter	Value
Frequency	3100 MHz to 3340 MHz
Tuning Voltage	0.5/10 V
Power Output	6.5 +/- 3.5 dBm
Phase Noise	10 kHz Offset -93 (typ) dBc/Hz, 100 kHz Offset -115 (typ) dBc/Hz
Frequency Pushing	5 MHz/V
Frequency Pulling	18 MHz
Harmonic Suppression	-12 (MAX)
Supply Voltage	10 Vcc
Supply Current	35 mA
Load Impedance	50
Operating Temperature	-40 to 85 °C

Changed pulling from <12, changed phase noise from 095 & -118, changed harmonics from -13, changed supply current from <40mA on 7/13/06

## 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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