

SPEC SHEET

MW500-1582

1950 MHz to 2350 MHz

VOLTAGE CONTROLLED OSCILLATORS



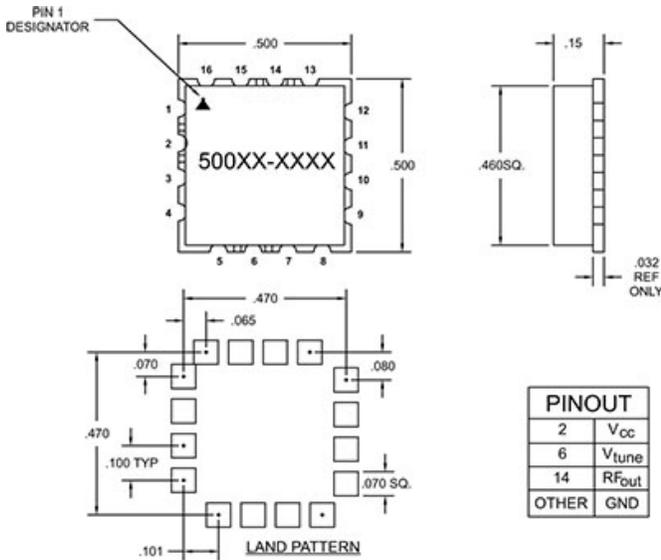
Specifications

Frequency	1950 MHz to 2350 MHz
Tuning Voltage	1/14 V
Power Output	5 +/- 2 dBm
Phase Noise	10 kHz Offset -101 (typ) dBc/Hz 100 kHz Offset -122 (typ) dBc/Hz
Frequency Pushing	7 MHz/V
Frequency Pulling	10 MHz
Harmonic Suppression	-12 (MAX)

Operating Specifications

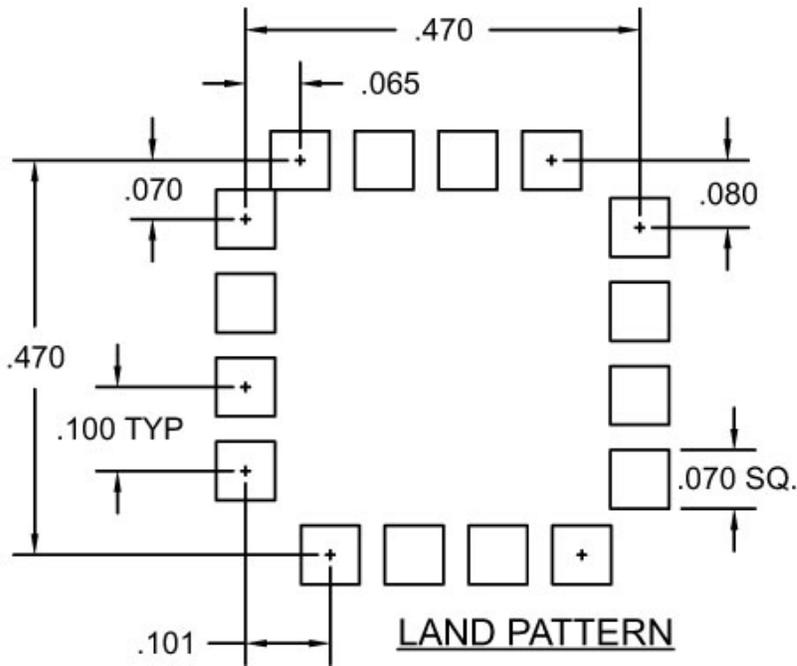
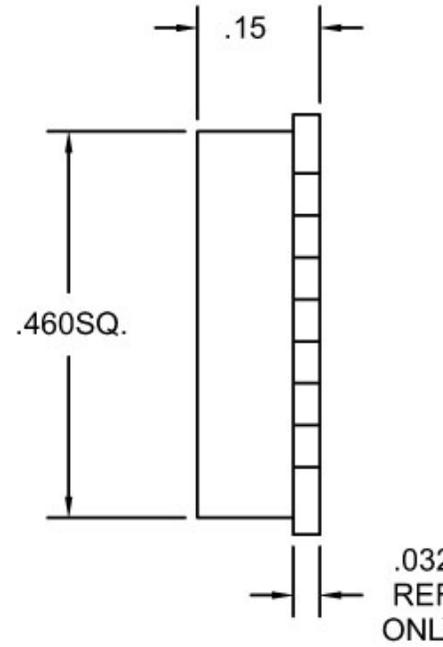
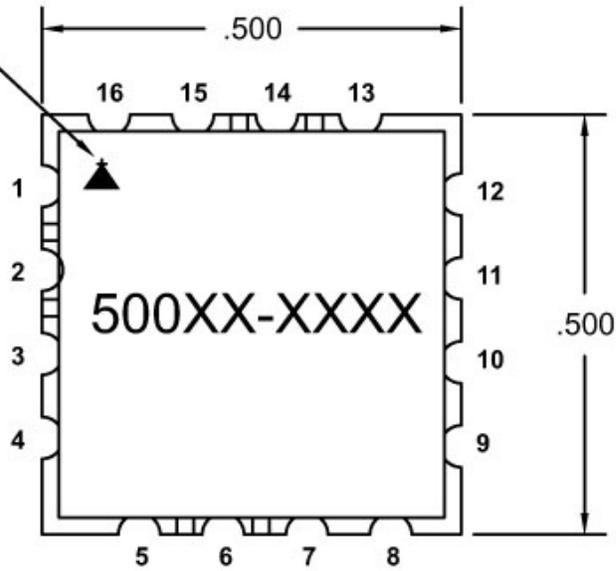
Supply Voltage	6 Vcc
Supply Current	35 mA
Load Impedance	50
Operating Temperature	-40 to 85 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



PINOUT	
2	V _{cc}
6	V _{tune}
14	RF _{out}
OTHER	GND