

SPEC SHEET

MW500-1203

1800 MHz to 2300 MHz

VOLTAGE CONTROLLED OSCILLATORS



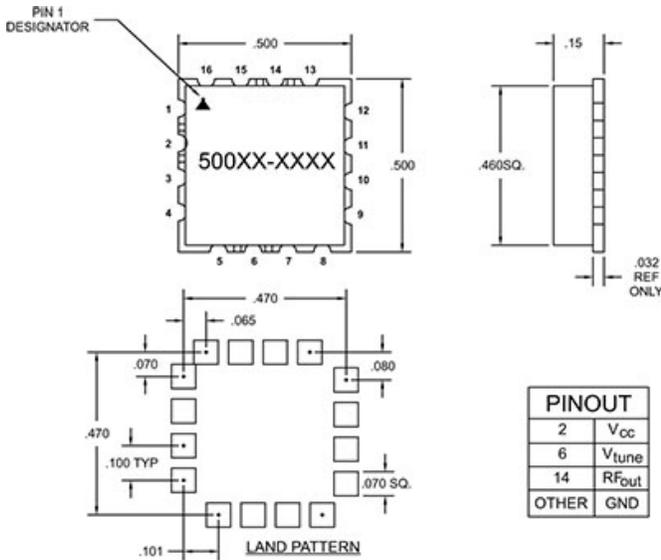
Specifications

Frequency	1800 MHz to 2300 MHz
Tuning Voltage	1/8.5 V
Power Output	7 +/- 1.5 dBm
Phase Noise	10 kHz Offset -90 (typ) dBc/Hz 100 kHz Offset -112 (typ) dBc/Hz
Frequency Pushing	5 MHz/V
Frequency Pulling	28 MHz
Harmonic Suppression	-12 (MAX)

Operating Specifications

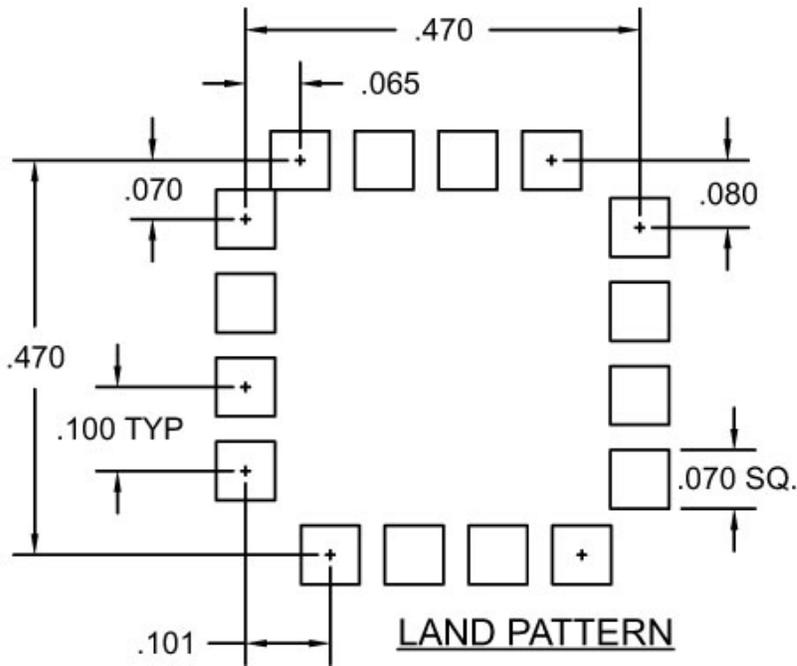
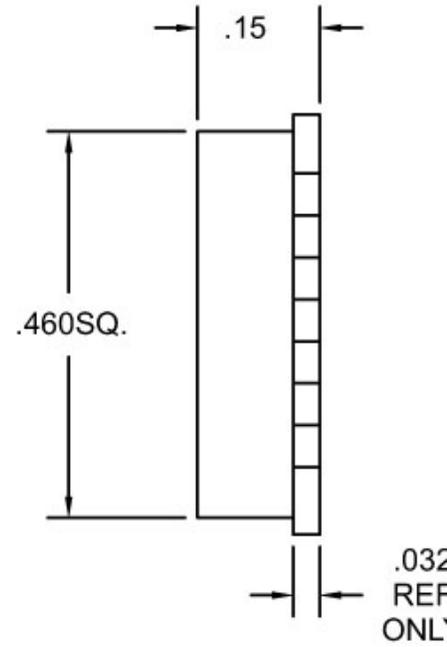
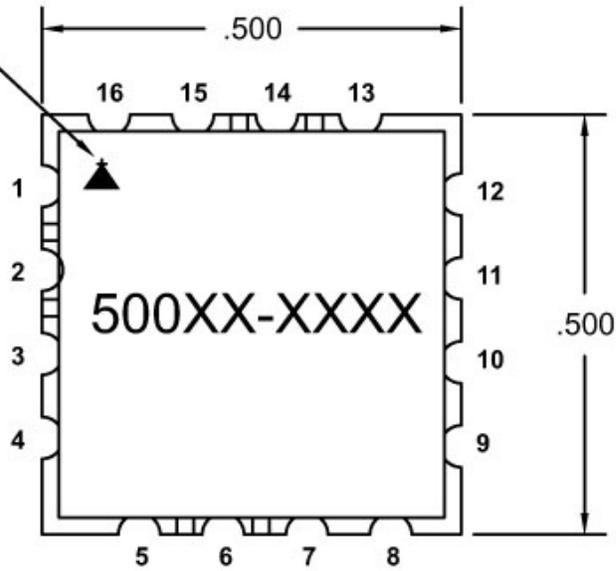
Supply Voltage	5 Vcc
Supply Current	30 mA
Load Impedance	50
Operating Temperature	-40 to 80 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



PINOUT	
2	V _{cc}
6	V _{tune}
14	R _{Fout}
OTHER	GND