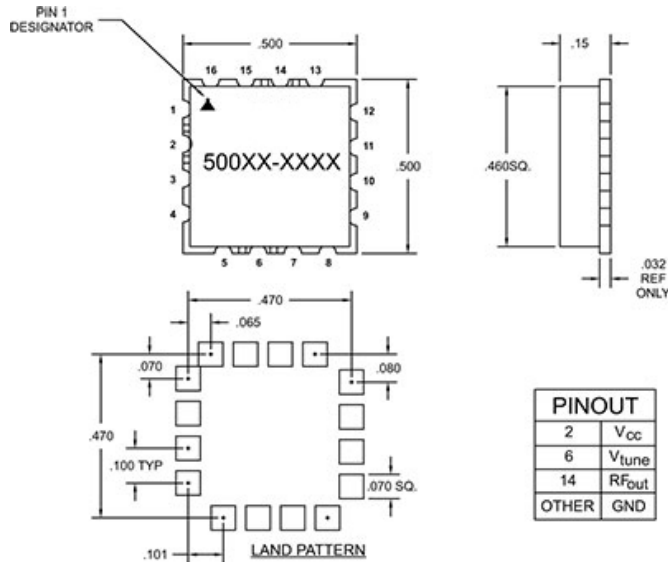


MW500-1066

200 MHz to 400 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	200 MHz to 400 MHz
Tuning Voltage	0.5/14.7 V
Power Output	10 +/- 2 dBm
Phase Noise	10 kHz Offset -85 (typ) dBc/Hz 100 kHz Offset -107 (typ) dBc/Hz
Frequency Pushing	2 MHz/V
Frequency Pulling	2 MHz
Harmonic Suppression	-6 (MAX)

Operating Specifications

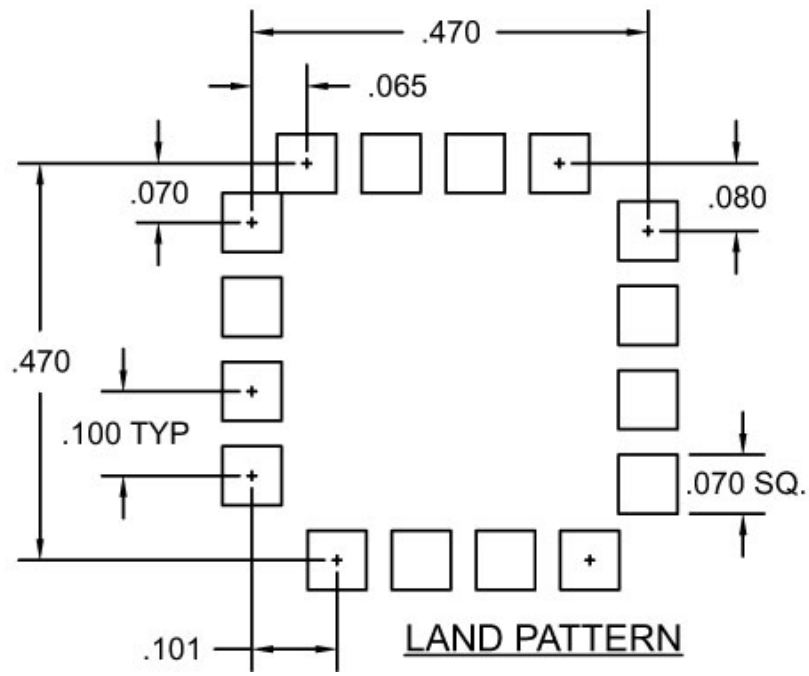
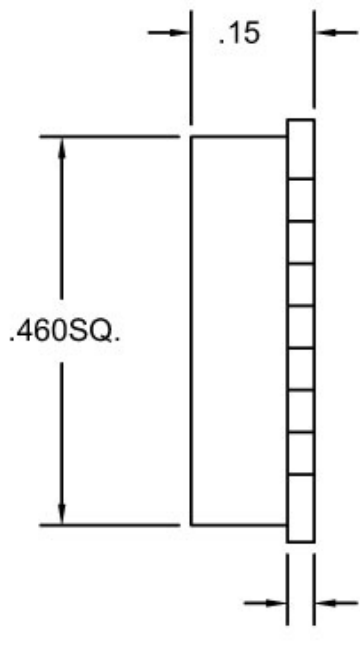
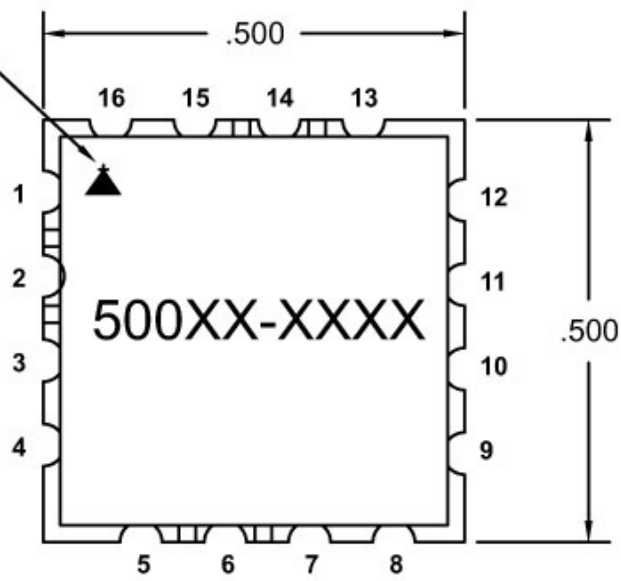
Supply Voltage	12 Vcc
Supply Current	30 mA
Load Impedance	50
Operating Temperature	-30 to 75 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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