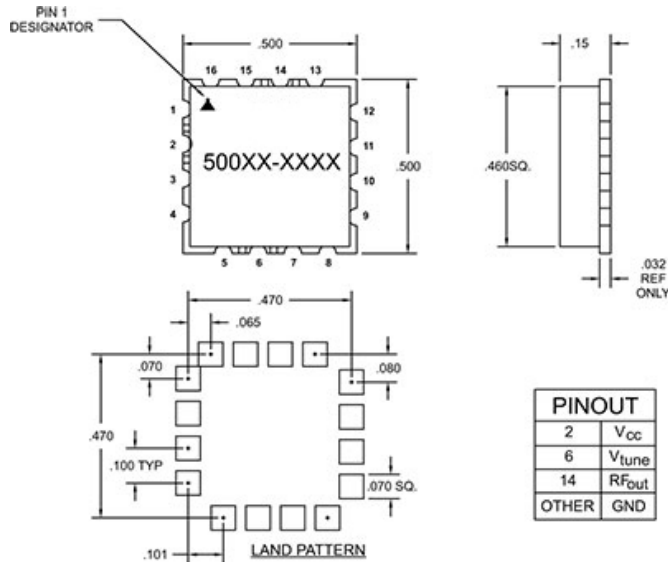


MW500-1412

50 MHz to 100 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	50 MHz to 100 MHz
Tuning Voltage	1/18 V
Power Output	7 +/- 2 dBm
Phase Noise	10 kHz Offset -105 (typ) dBc/Hz 100 kHz Offset -127 (typ) dBc/Hz
Frequency Pushing	2 MHz/V
Frequency Pulling	2 MHz
Harmonic Suppression	-5 (MAX)

Operating Specifications

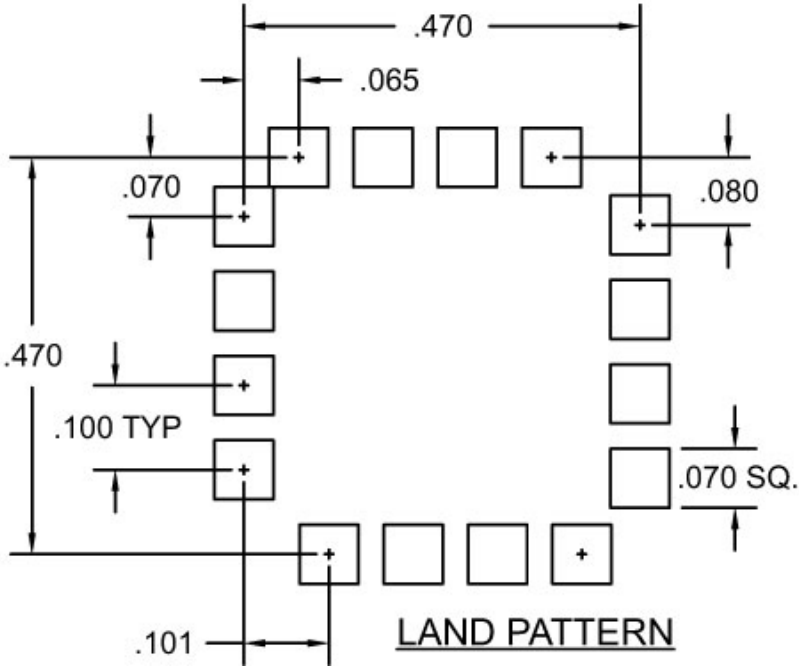
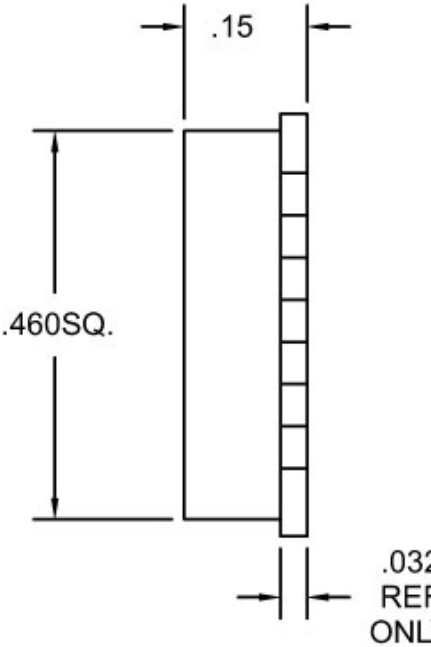
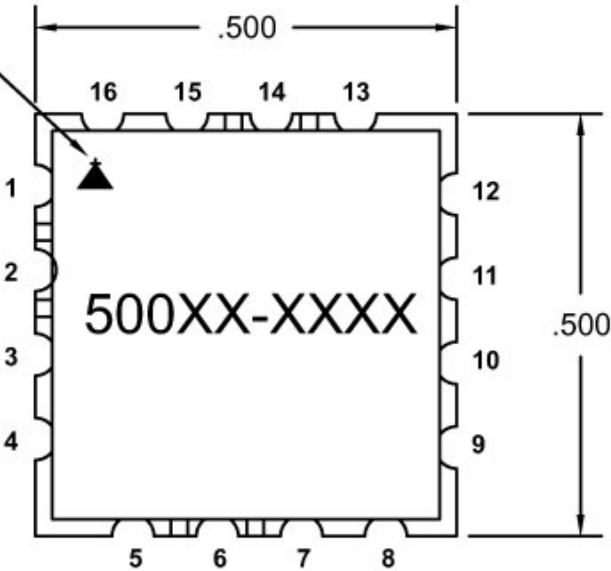
Supply Voltage	12 Vcc
Supply Current	40 mA
Load Impedance	50
Operating Temperature	-40 to 80 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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