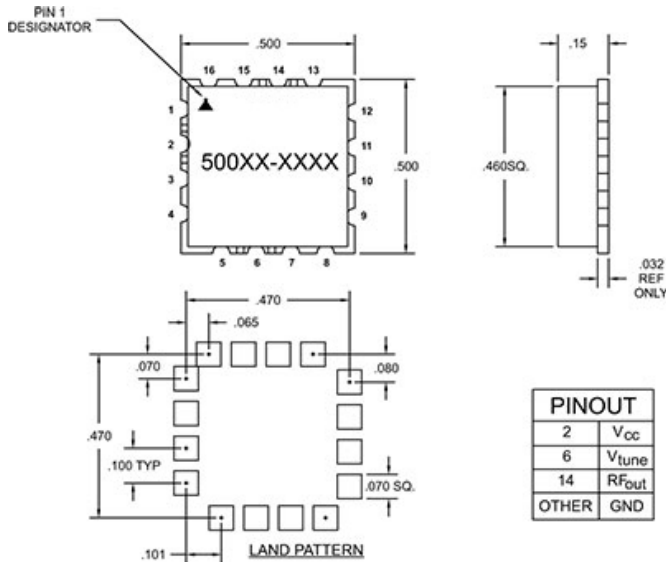


MW500-1198

380 MHz to 420 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	380 MHz to 420 MHz
Tuning Voltage	0.5/6 V
Power Output	5 +/- 1.5 dBm
Phase Noise	10 kHz Offset -110 (typ) dBc/Hz 100 kHz Offset -132 (typ) dBc/Hz
Frequency Pushing	4 MHz/V
Frequency Pulling	1 MHz
Harmonic Suppression	-18 (MAX)

Operating Specifications

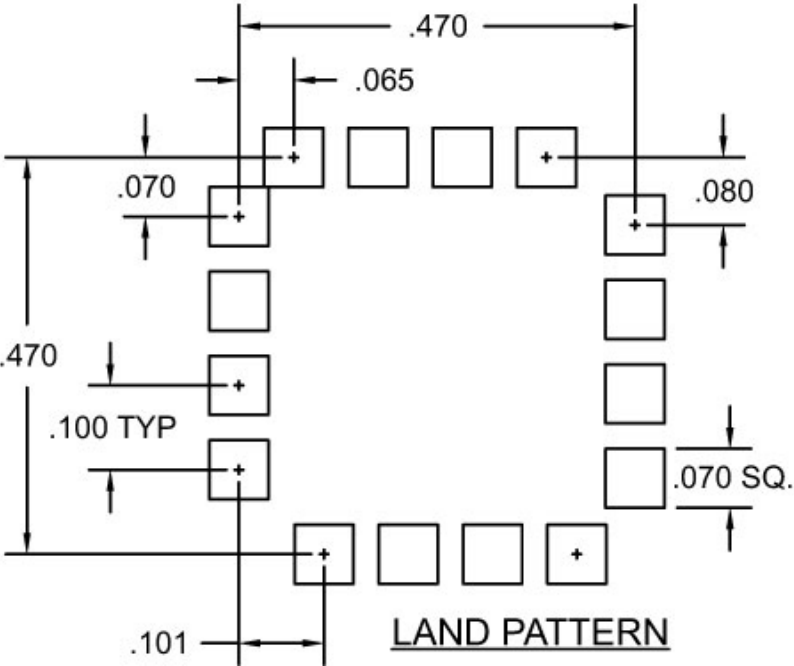
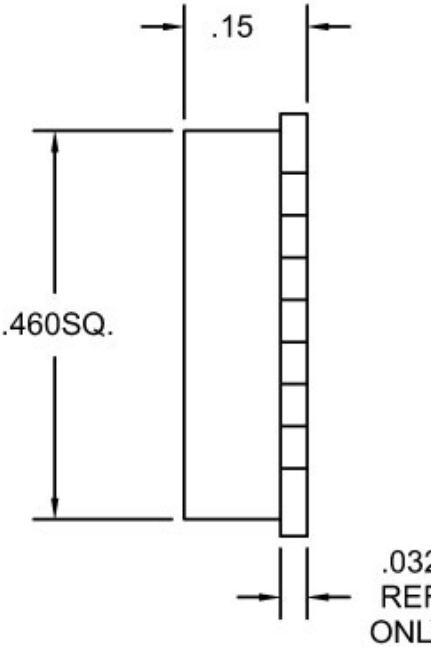
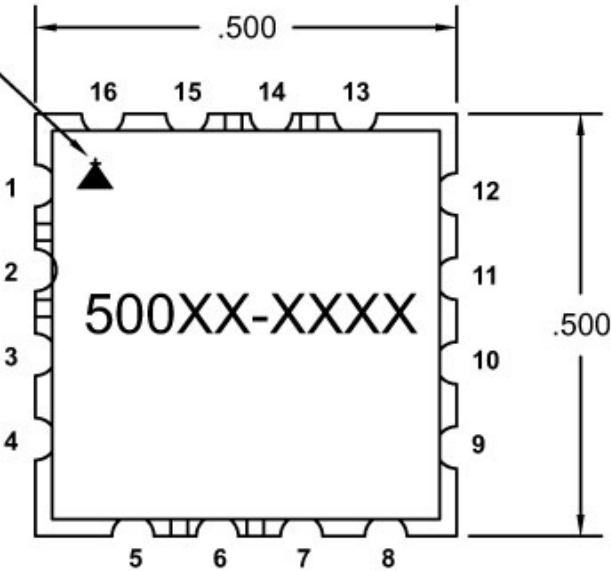
Supply Voltage	5 V _{cc}
Supply Current	25 mA
Load Impedance	50
Operating Temperature	-30 to 75 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



PINOUT	
2	V_{cc}
6	V_{tune}
14	RF_{out}
OTHER	GND