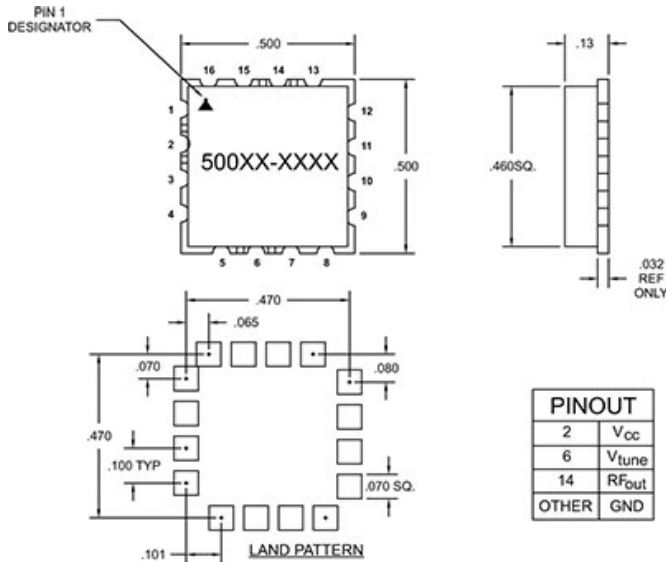


MW500-1197

1000 MHz to 2000 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	1000 MHz to 2000 MHz
Tuning Voltage	0.5/15 V
Power Output	6 +/- 1.5 dBm
Phase Noise	10 kHz Offset -91 (typ) dBc/Hz 100 kHz Offset -112 (typ) dBc/Hz
Frequency Pushing	8 MHz/V
Frequency Pulling	11 MHz
Harmonic Suppression	-8 (MAX)

Operating Specifications

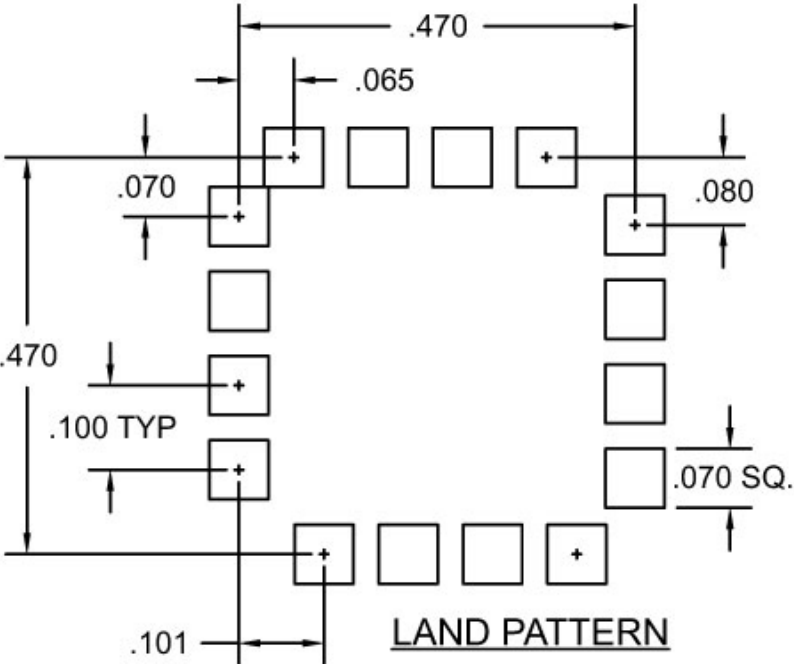
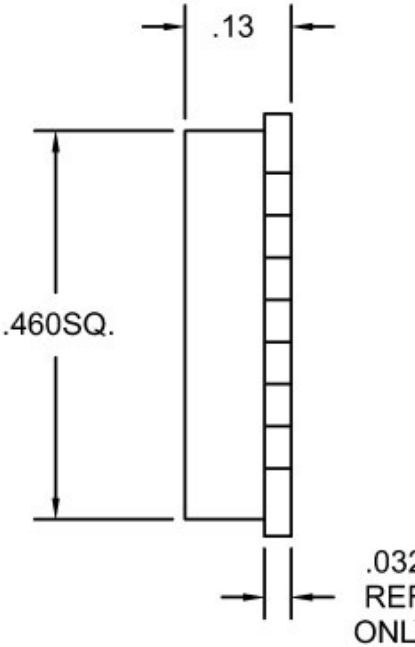
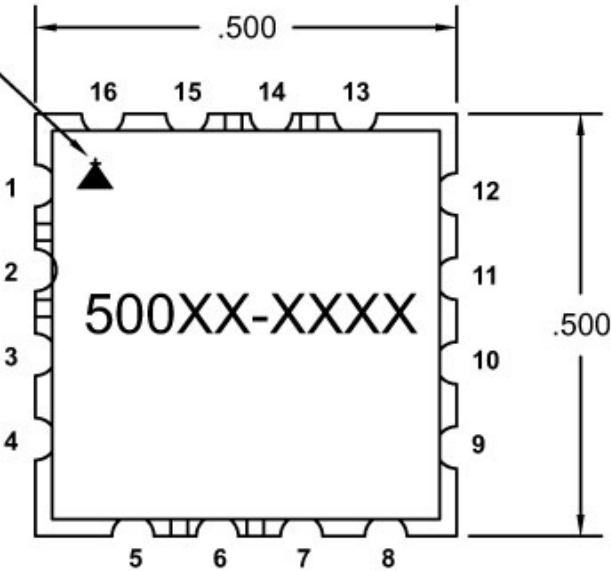
Supply Voltage	12 Vcc
Supply Current	35 mA
Load Impedance	50
Operating Temperature	-30 to 75 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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