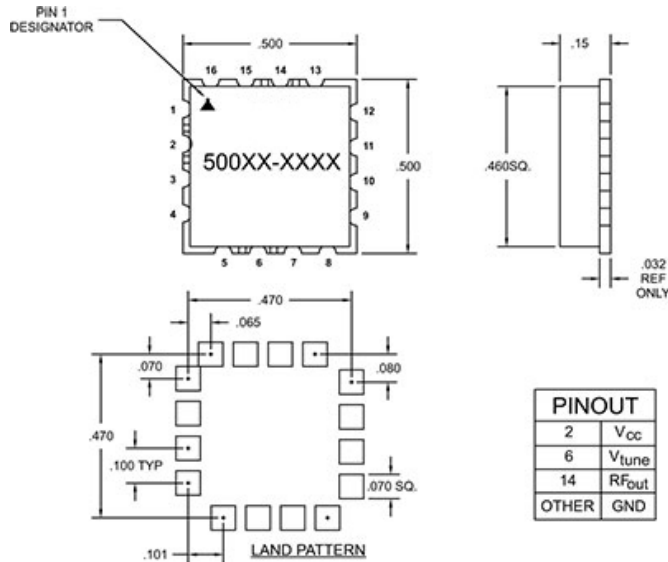


MW500-1109

1300 MHz to 2500 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	1300 MHz to 2500 MHz
Tuning Voltage	0.5/18 V
Power Output	7 +/- 1.5 dBm
Phase Noise	10 kHz Offset -96 (typ) dBc/Hz 100 kHz Offset -117 (typ) dBc/Hz
Frequency Pushing	8 MHz/V
Frequency Pulling	15 MHz
Harmonic Suppression	-8 (MAX)

Operating Specifications

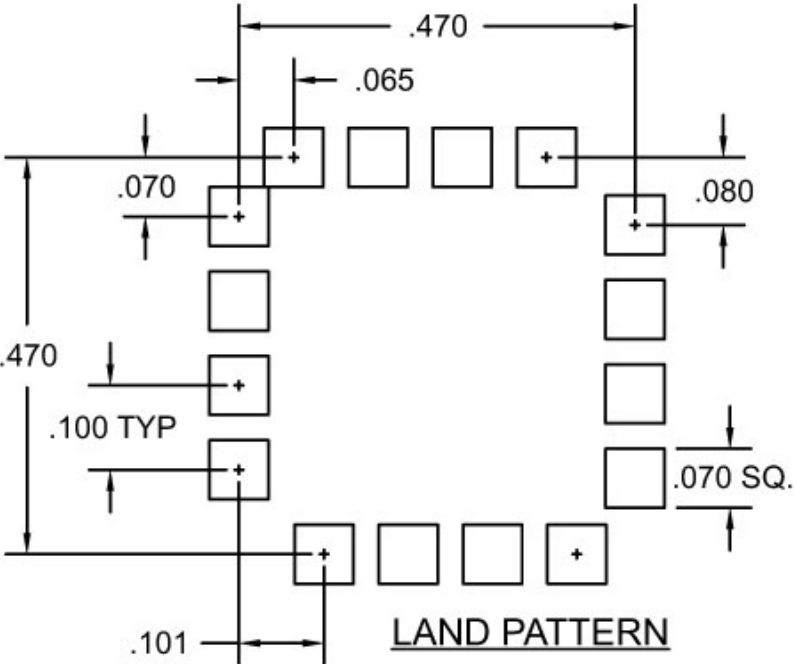
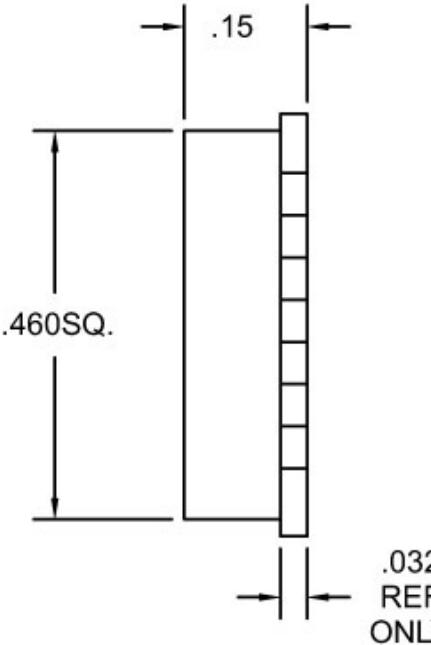
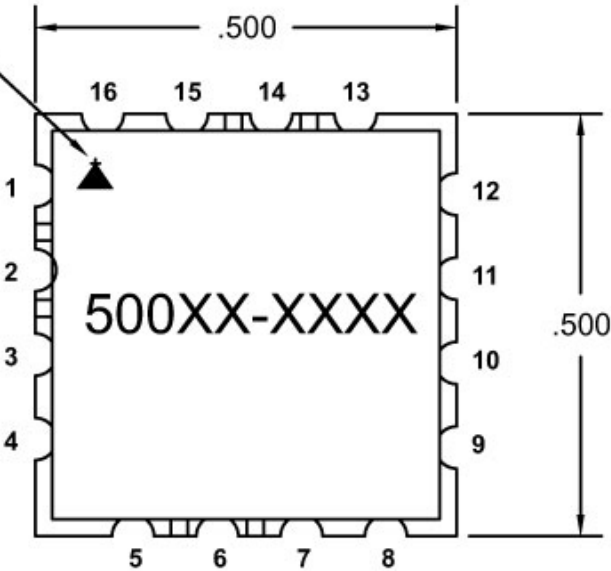
Supply Voltage	12 Vcc
Supply Current	30 mA
Load Impedance	50
Operating Temperature	-40 to 80 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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