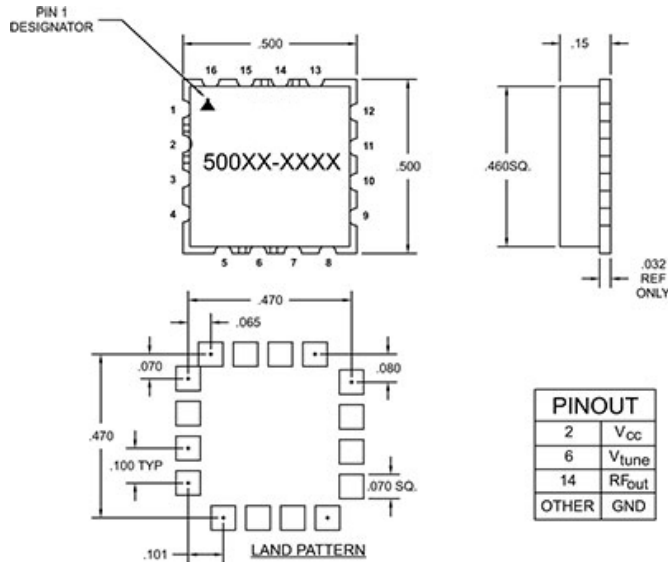


MW500-1186

500 MHz to 1200 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	500 MHz to 1200 MHz
Tuning Voltage	0.5/18 V
Power Output	7 +/- 2 dBm
Phase Noise	10 kHz Offset -95 (typ) dBc/Hz 100 kHz Offset -120 (typ) dBc/Hz
Frequency Pushing	5 MHz/V
Frequency Pulling	10 MHz
Harmonic Suppression	-5 (MAX)

Operating Specifications

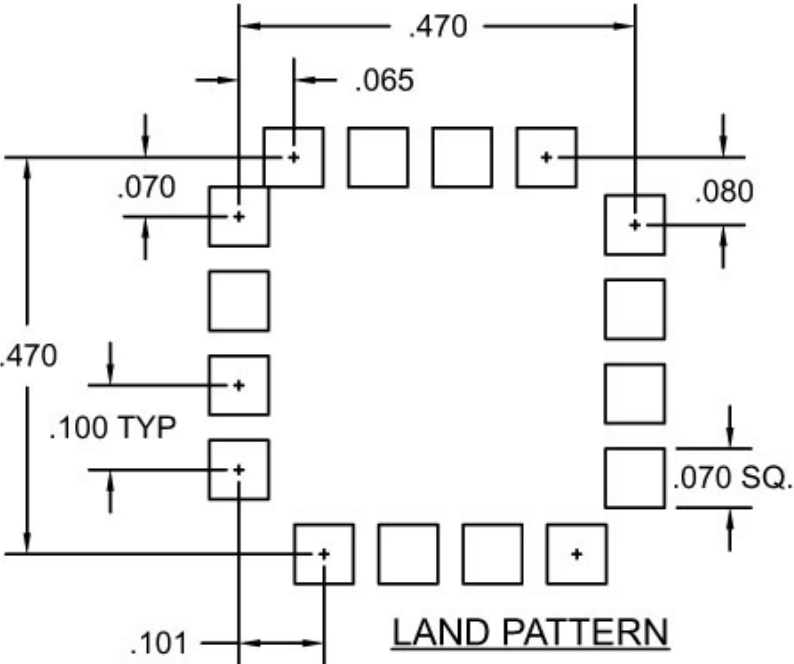
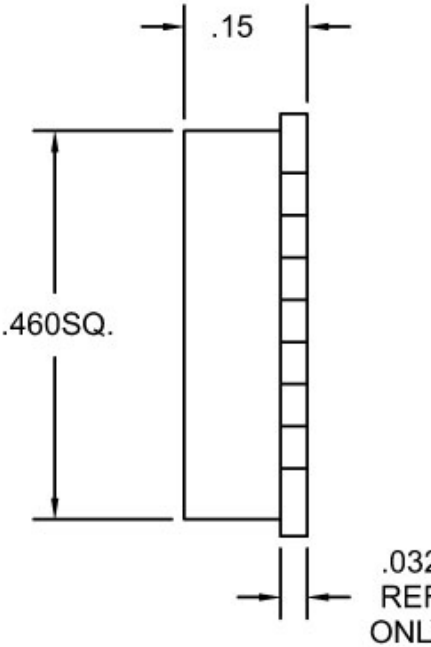
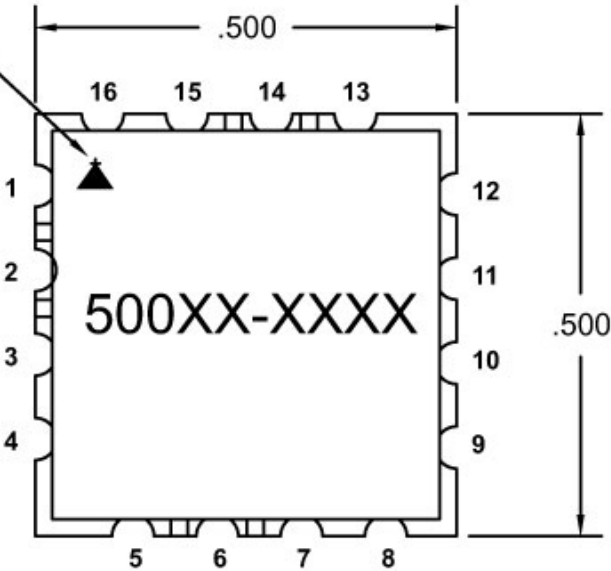
Supply Voltage	12 Vcc
Supply Current	40 mA
Load Impedance	50
Operating Temperature	-20 to 70 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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