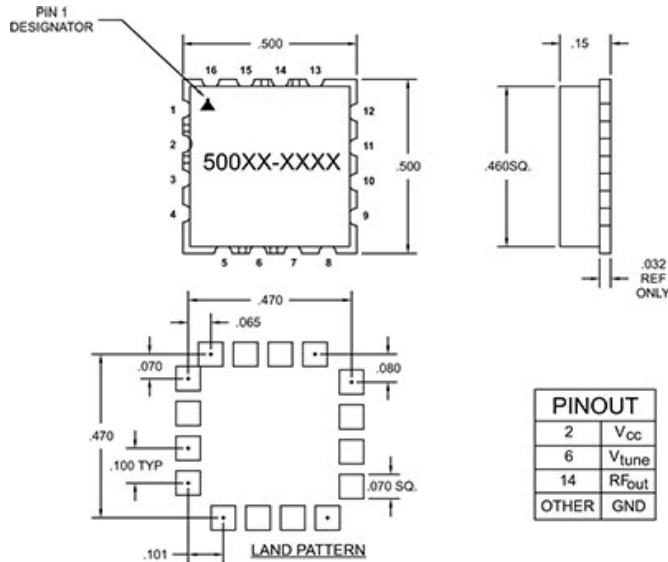


MW500-1237

520 MHz to 560 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	520 MHz to 560 MHz
Tuning Voltage	0.5/4.5 V
Power Output	0 +/- 0.5 dBm
Phase Noise	10 kHz Offset -105 (typ) dBc/Hz 100 kHz Offset -126 (typ) dBc/Hz
Frequency Pushing	5 MHz/V
Frequency Pulling	5 MHz
Harmonic Suppression	-20 (MAX)

Operating Specifications

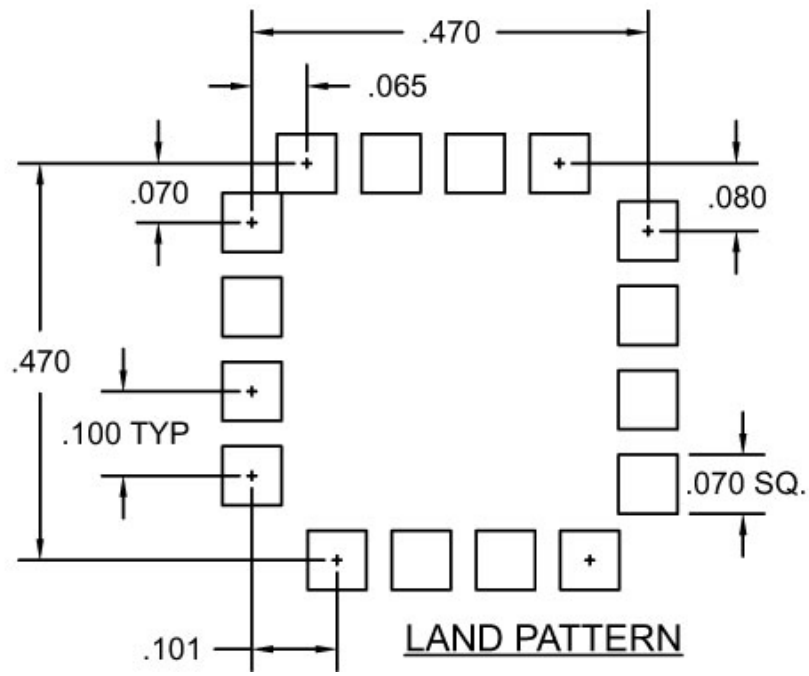
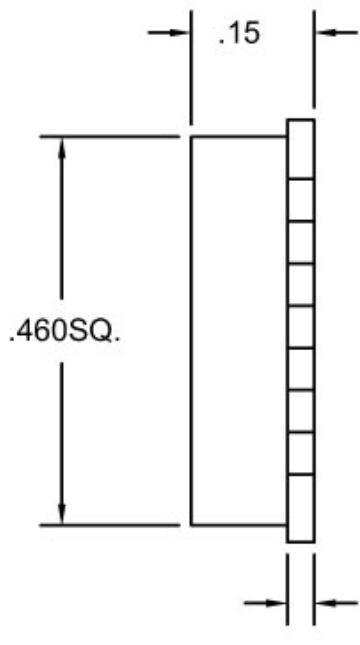
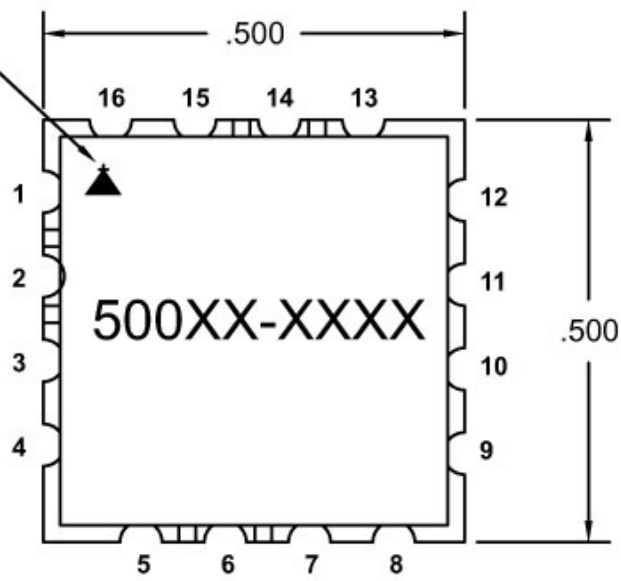
Supply Voltage	5 V _{cc}
Supply Current	30 mA
Load Impedance	50
Operating Temperature	-40 to 85 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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