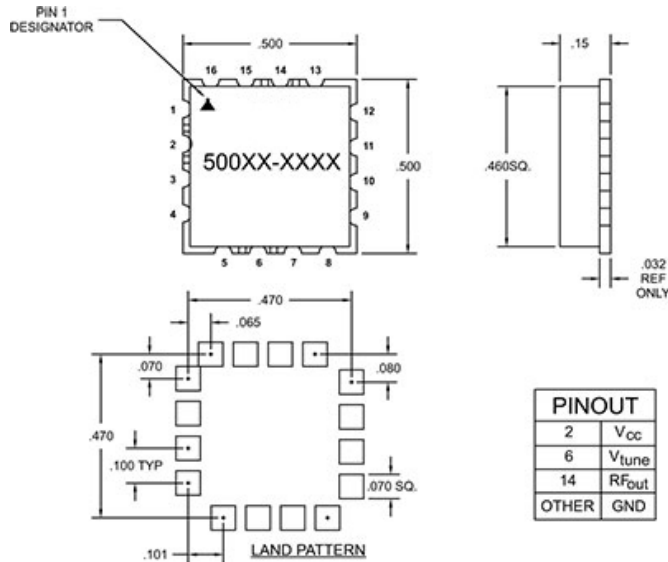


MW500-1540

2400 MHz to 2700 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	2400 MHz to 2700 MHz
Tuning Voltage	1/9 V
Power Output	8 +/- 2 dBm
Phase Noise	10 kHz Offset -87 (typ) dBc/Hz 100 kHz Offset -111 (typ) dBc/Hz
Frequency Pushing	2 MHz/V
Frequency Pulling	10 MHz
Harmonic Suppression	-15 (MAX)

Operating Specifications

Supply Voltage	5 Vcc
Supply Current	40 mA
Load Impedance	50
Operating Temperature	-30 to 75 °C

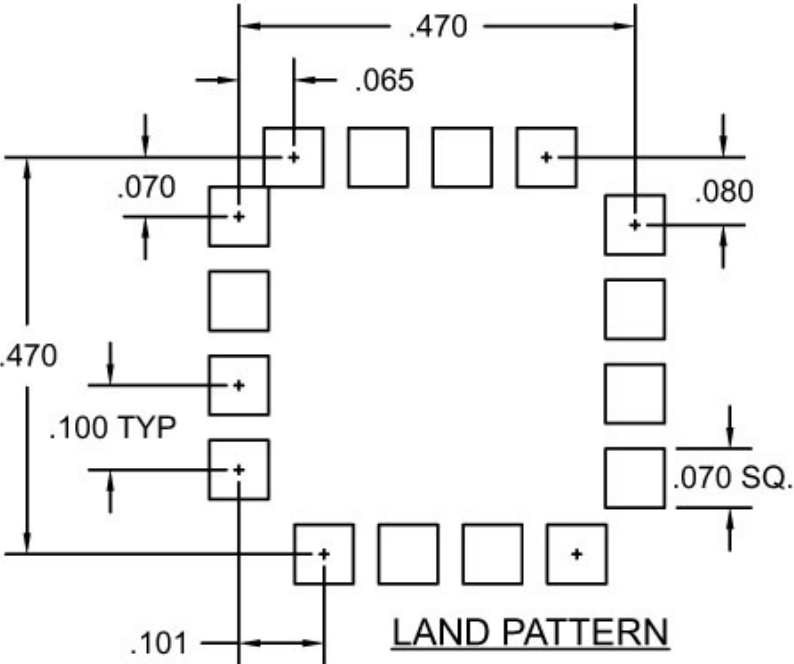
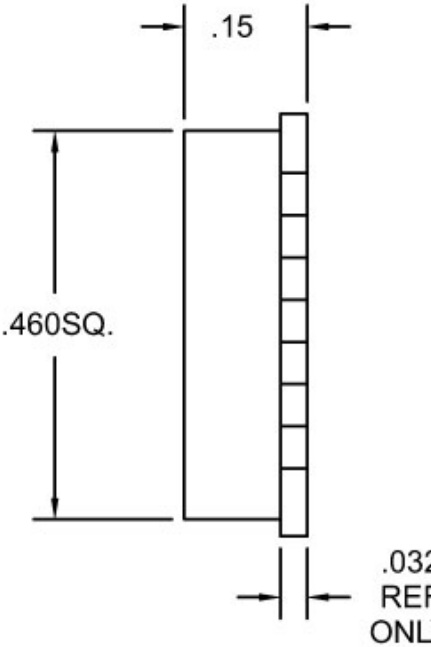
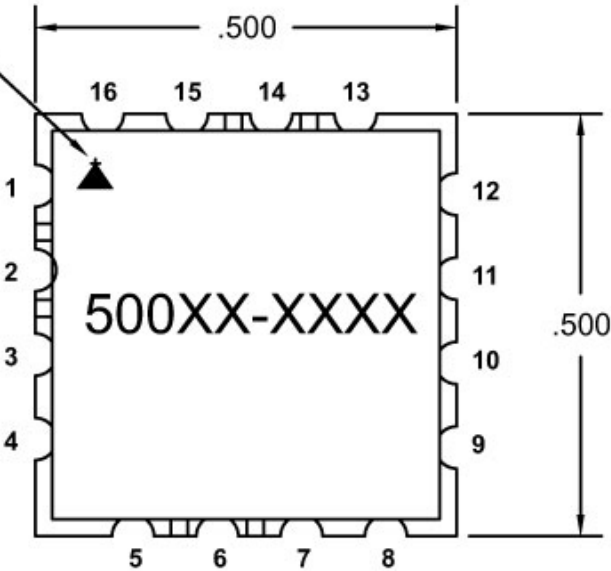
Notes

TUNING SENSITIVITY TO BE 60MHz/VOLT TYP.



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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