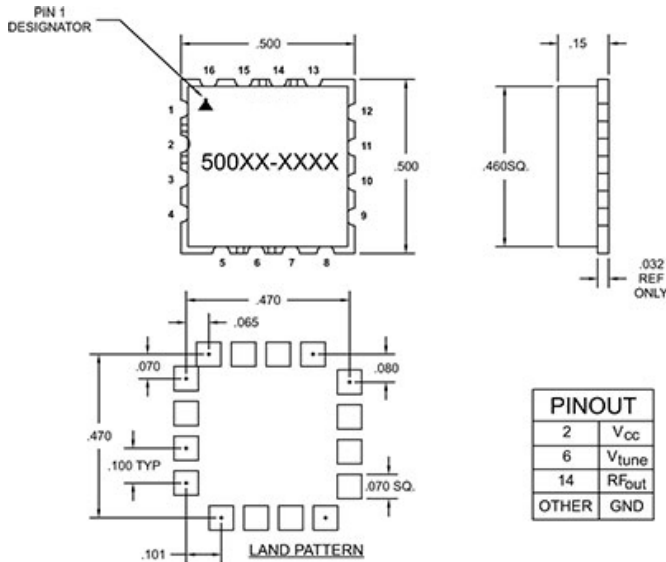


MW500-1388

6800 MHz to 7500 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	6800 MHz to 7500 MHz
Tuning Voltage	0.5/10 V
Power Output	-3 +/- 6 dBm
Phase Noise	

10 kHz Offset -83 (typ) dBc/Hz
100 kHz Offset -105 (typ) dBc/Hz

Frequency Pushing	15 MHz/V
Frequency Pulling	30 MHz
Harmonic Suppression	-25 (MAX)

Operating Specifications

Supply Voltage	5 V _{cc}
Supply Current	30 mA
Load Impedance	50
Operating Temperature	-30 to 75 °C

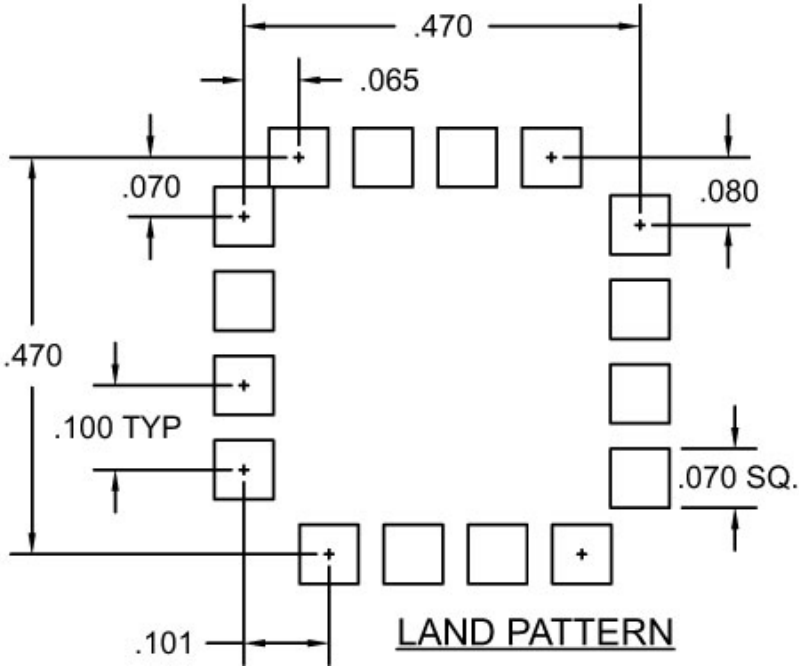
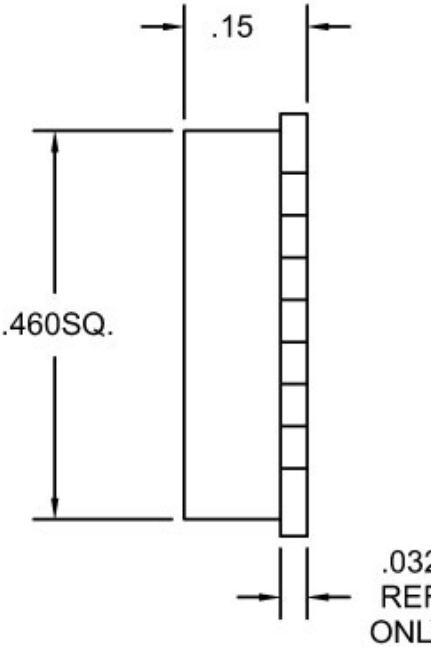
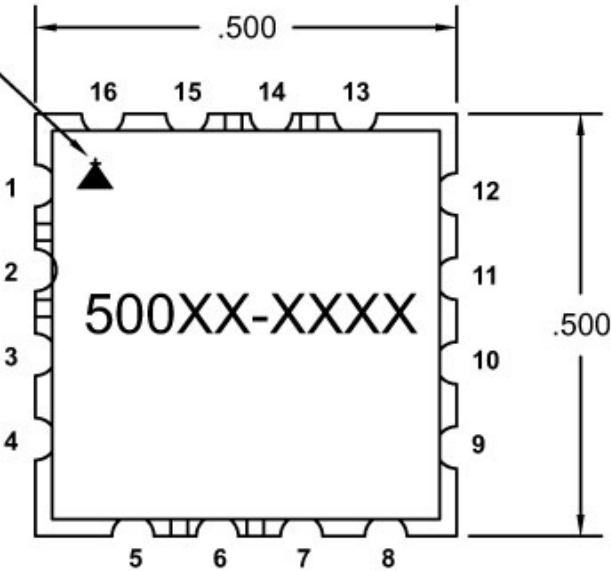
Notes

OUTPUT POWER CHANGED FROM 2 +/-1.5 ON 6/9/06



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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