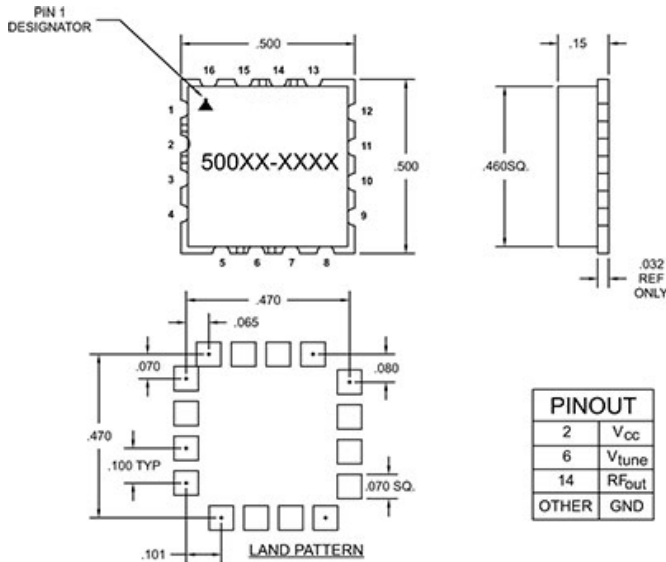


MW500-1361

5000 MHz to 5600 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	5000 MHz to 5600 MHz
Tuning Voltage	0.5/12 V
Power Output	2 +/- 2 dBm
Phase Noise	

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

Frequency Pushing	10 MHz/V
Frequency Pulling	20 MHz
Harmonic Suppression	-25 (MAX)

Operating Specifications

Supply Voltage	5 V _{cc}
Supply Current	30 mA
Load Impedance	50
Operating Temperature	-40 to 75 °C

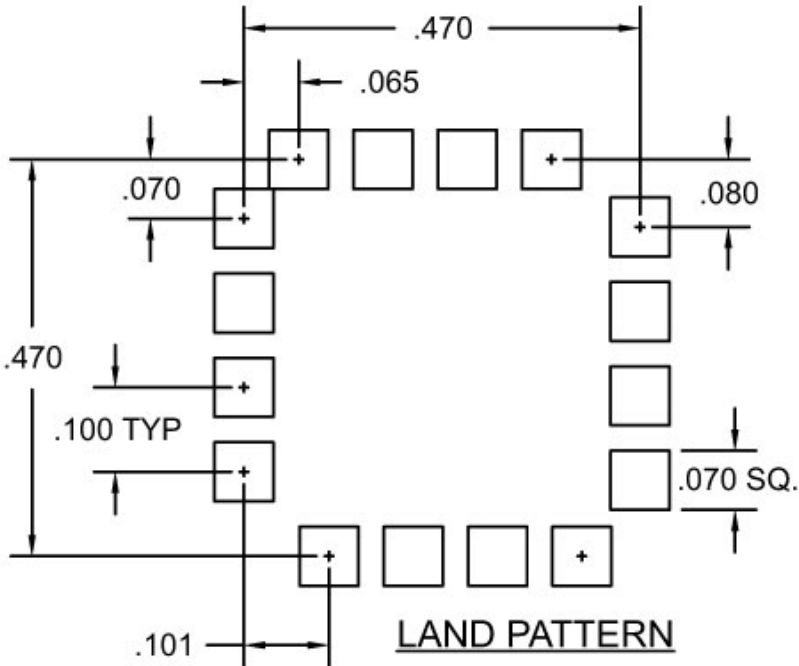
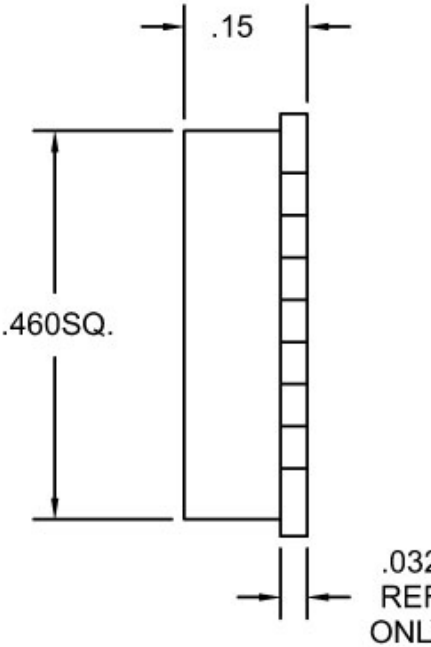
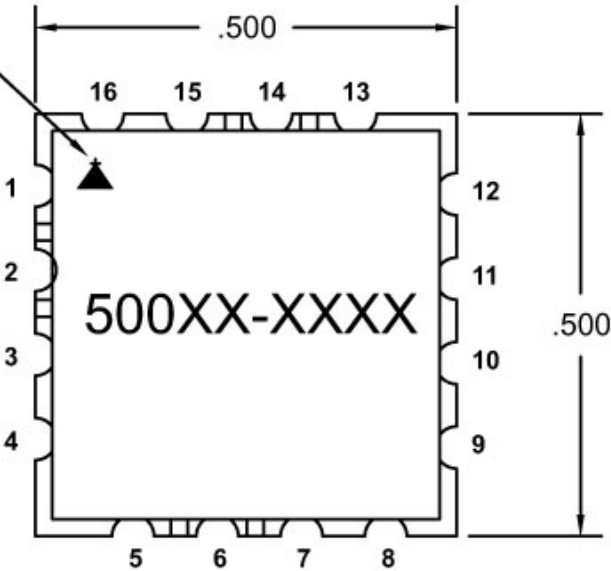
Notes

6/1/06 CHANGE POWER FROM +2 +/- 1.5 TO + 2 +/-2



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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