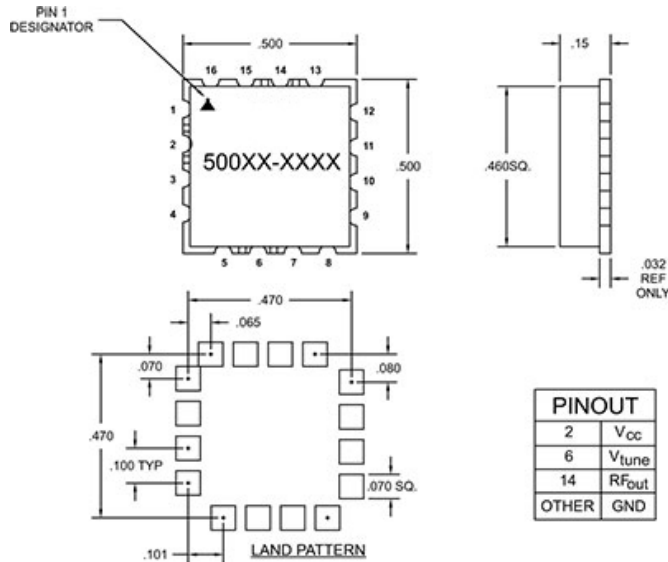


MW500-1591

3380 MHz to 3980 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	3380 MHz to 3980 MHz
Tuning Voltage	0.5/13 V
Power Output	3 +/- 2 dBm
Phase Noise	10 kHz Offset -91 (typ) dBc/Hz 100 kHz Offset -114 (typ) dBc/Hz
Frequency Pushing	4 MHz/V
Frequency Pulling	15 MHz
Harmonic Suppression	-10 (MAX)

Operating Specifications

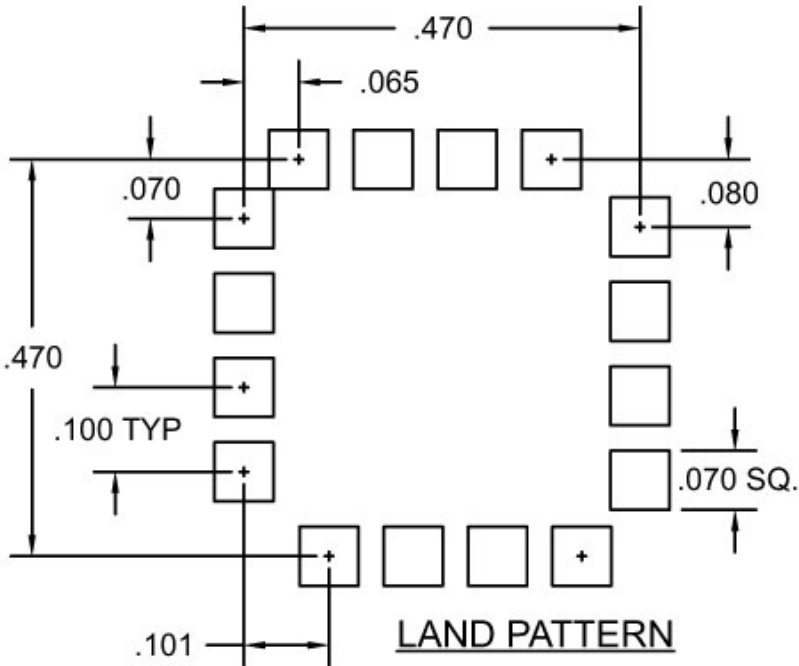
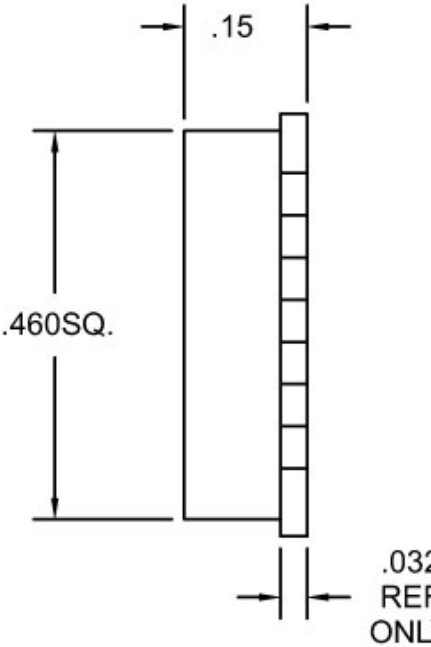
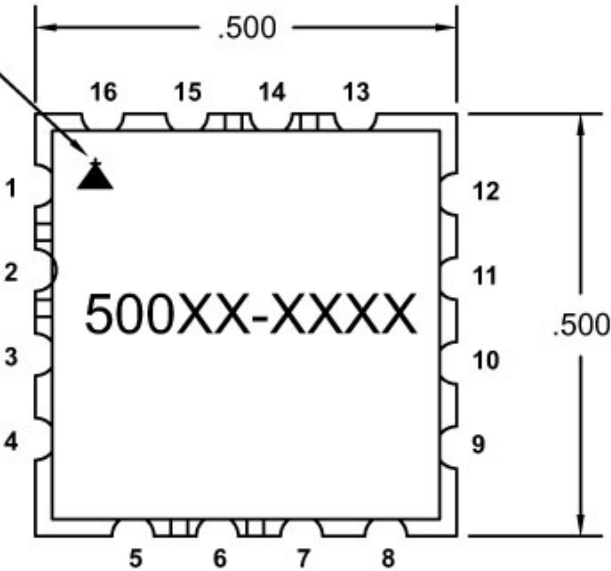
Supply Voltage	10 Vcc
Supply Current	30 mA
Load Impedance	50
Operating Temperature	-40 to 80 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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