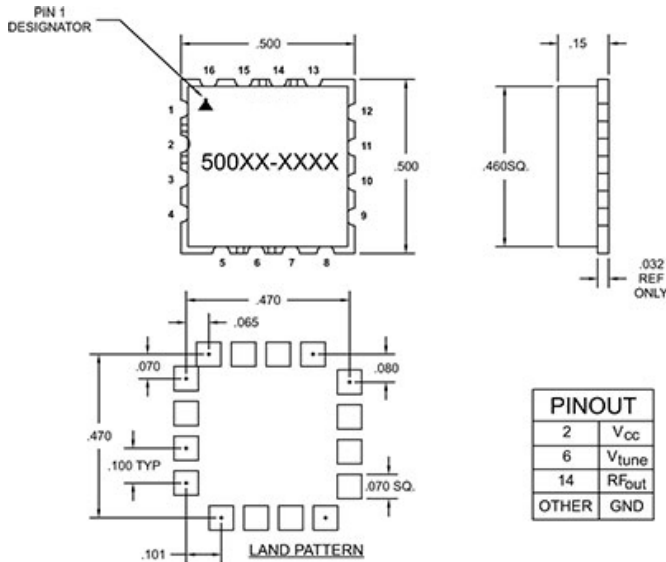


MW500-1396

3800 MHz to 3800 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	3800 MHz to 3800 MHz
Tuning Voltage	0.5/4 V
Power Output	0 +/- 2 dBm
Phase Noise	

10 kHz Offset -95 (typ) dBc/Hz
100 kHz Offset -115 (typ) dBc/Hz

Frequency Pushing	1 MHz/V
Frequency Pulling	3 MHz
Harmonic Suppression	-12 (MAX)

Operating Specifications

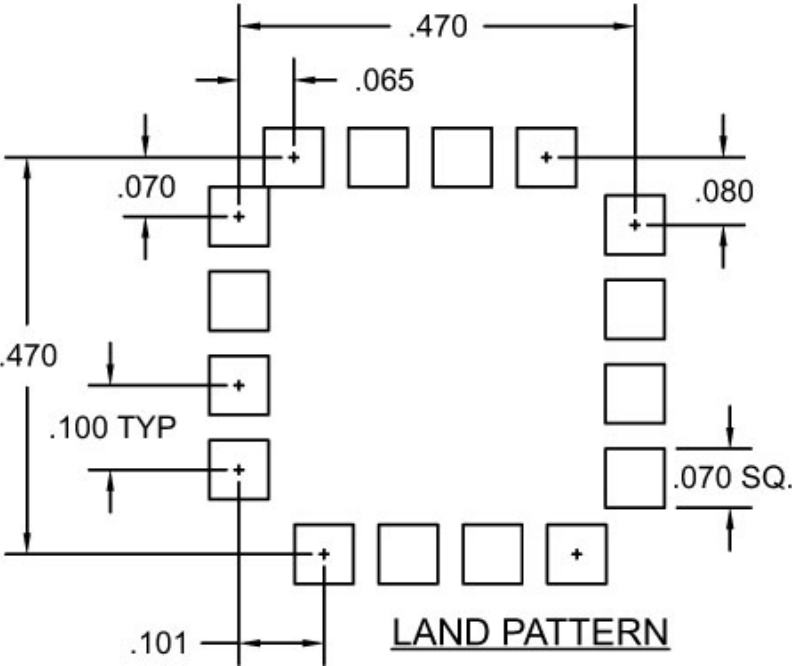
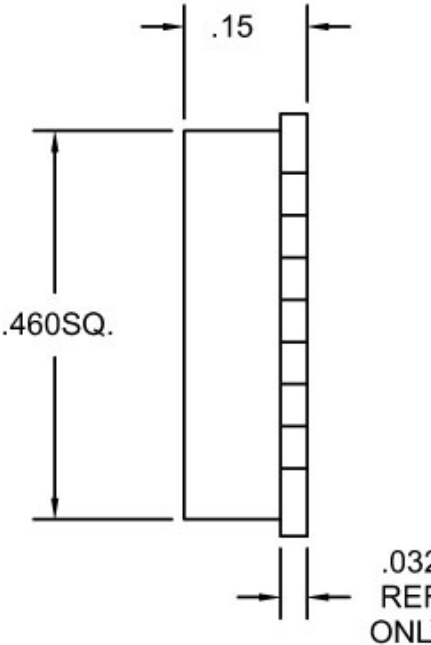
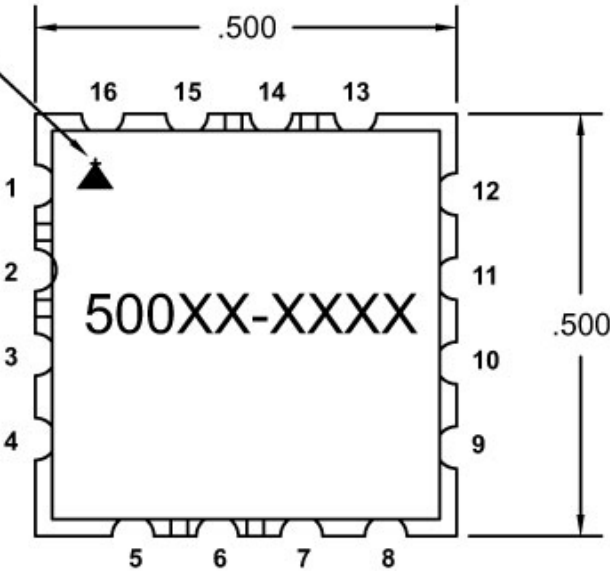
Supply Voltage	5 V _{cc}
Supply Current	35 mA
Load Impedance	50
Operating Temperature	-30 to 75 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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