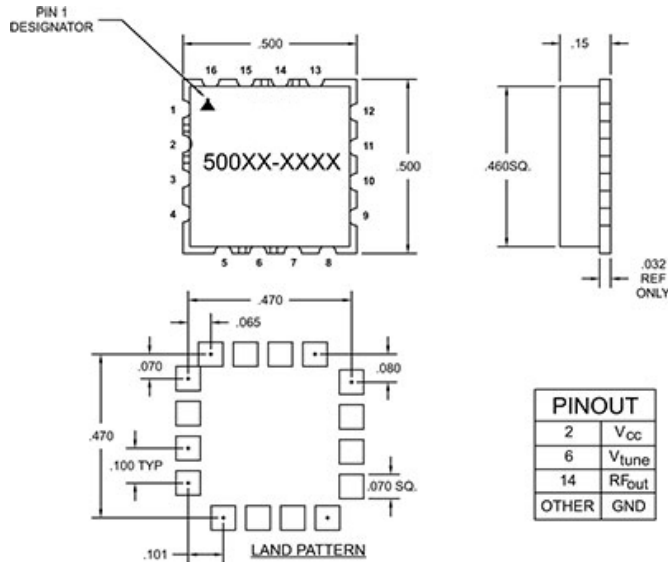


MW500-1270

78.6 MHz to 78.6 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	78.6 MHz to 78.6 MHz
Tuning Voltage	0.5/4.5 V
Power Output	4 +/- 1 dBm
Phase Noise	10 kHz Offset -116 (typ) dBc/Hz 100 kHz Offset -137 (typ) dBc/Hz
Frequency Pushing	1 MHz/V
Frequency Pulling	1 MHz
Harmonic Suppression	-20 (MAX)

Operating Specifications

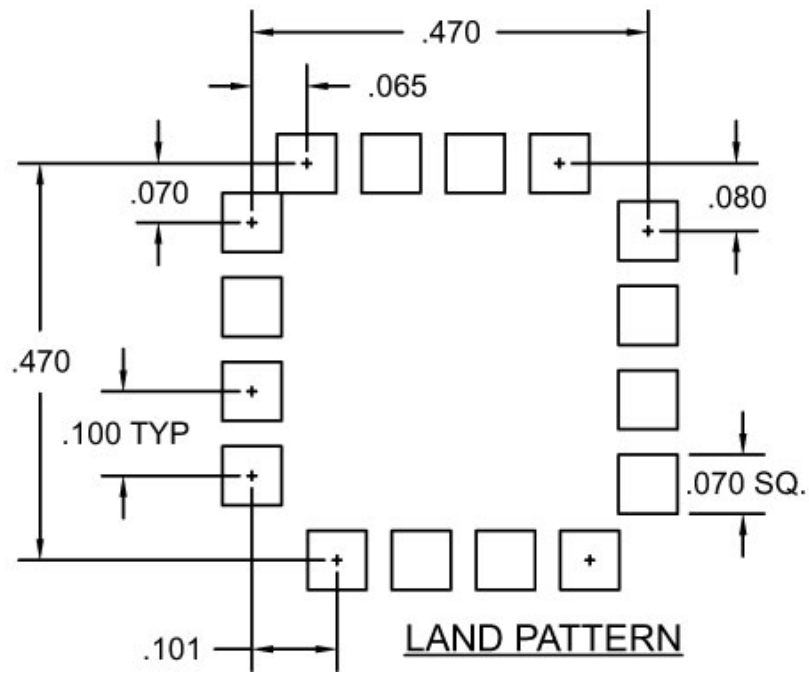
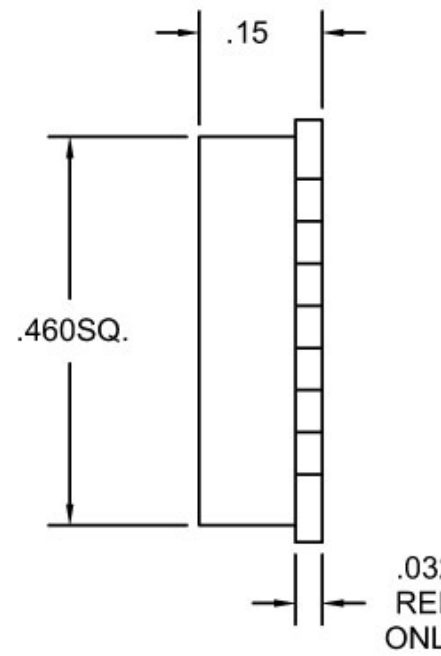
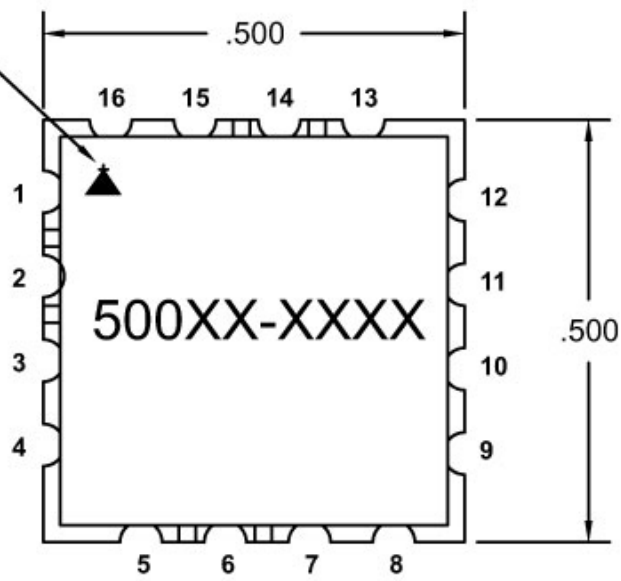
Supply Voltage	5 V _{cc}
Supply Current	30 mA
Load Impedance	50
Operating Temperature	-40 to 80 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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