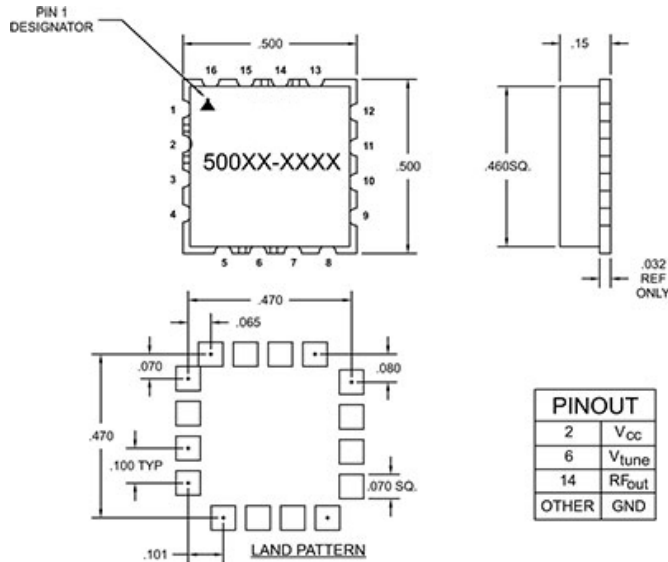


MW500-1371

1600 MHz to 2600 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	1600 MHz to 2600 MHz
Tuning Voltage	16/26 V
Power Output	2 +/- 2 dBm
Phase Noise	10 kHz Offset -94 (typ) dBc/Hz 100 kHz Offset -117 (typ) dBc/Hz
Frequency Pushing	7 MHz/V
Frequency Pulling	15 MHz
Harmonic Suppression	-8 (MAX)

Operating Specifications

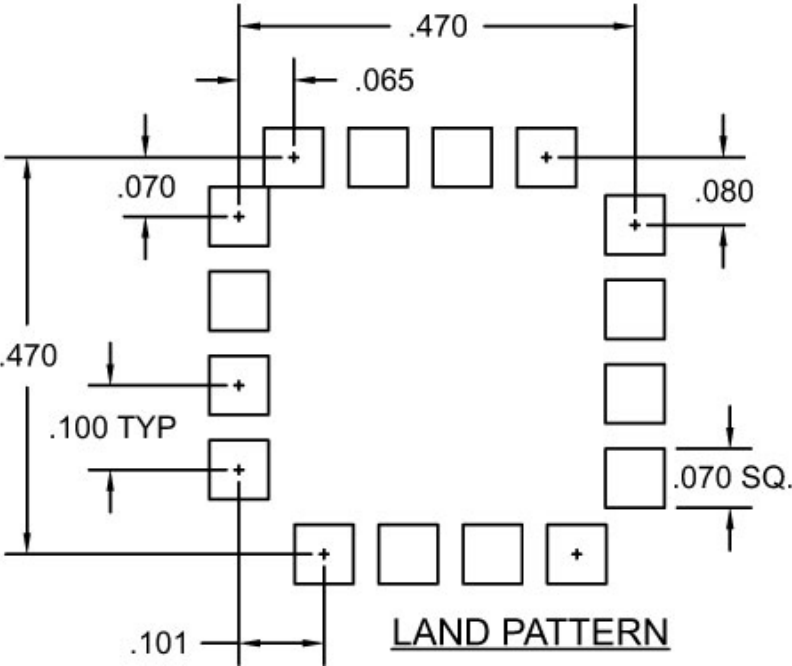
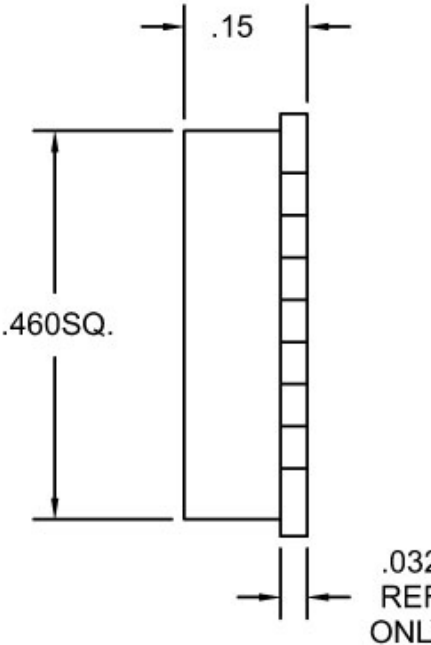
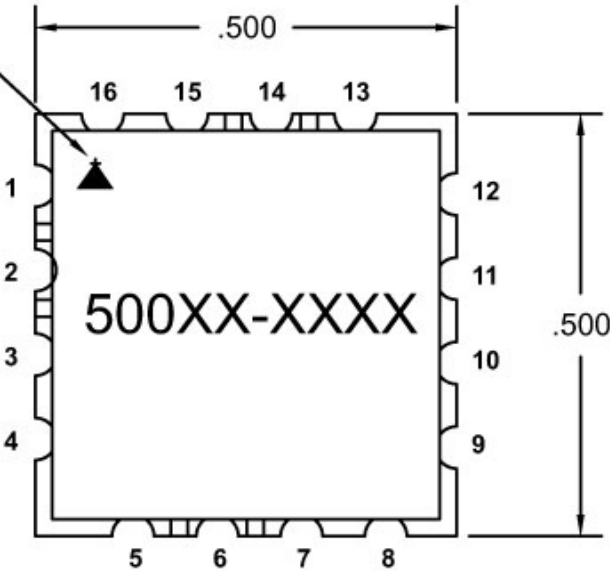
Supply Voltage	3.5 V _{cc}
Supply Current	25 mA
Load Impedance	50
Operating Temperature	-40 to 85 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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