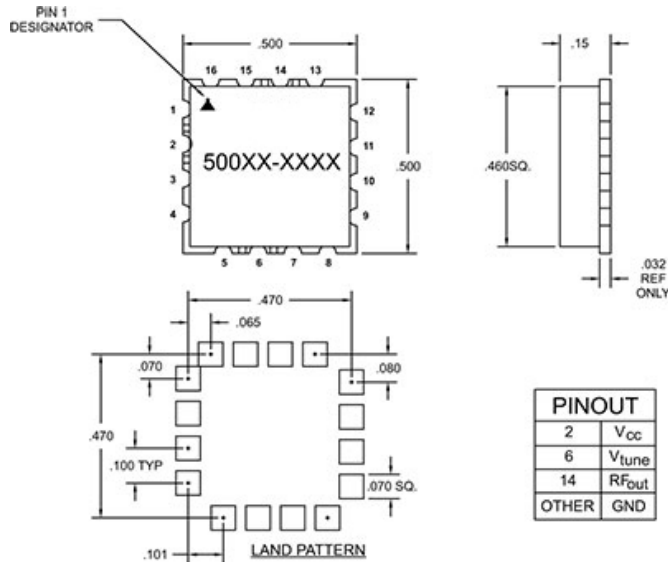


MW500-1449

750 MHz to 820 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	750 MHz to 820 MHz
Tuning Voltage	0.5/4.5 V
Power Output	6 +/- 2 dBm
Phase Noise	10 kHz Offset -100 (typ) dBc/Hz 100 kHz Offset -120 (typ) dBc/Hz
Frequency Pushing	5 MHz/V
Frequency Pulling	5 MHz
Harmonic Suppression	-10 (MAX)

Operating Specifications

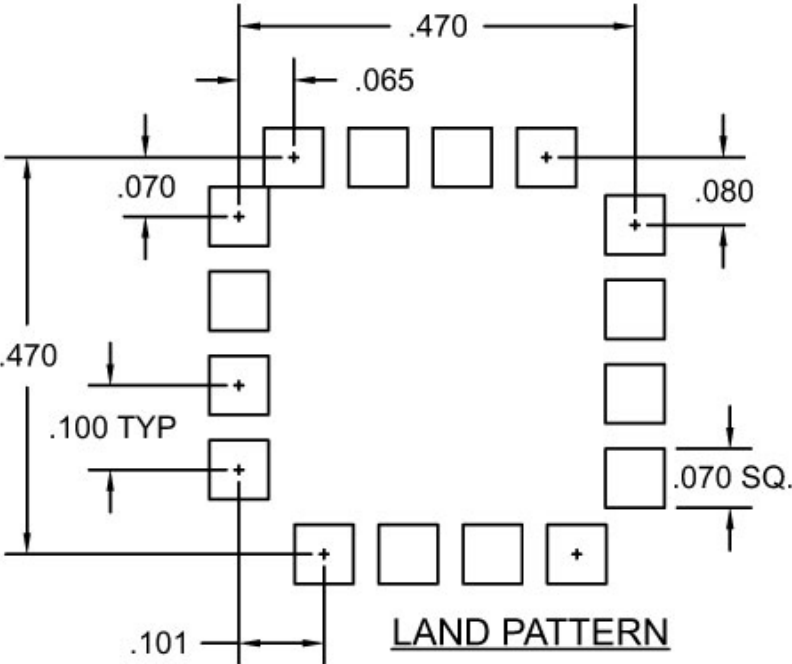
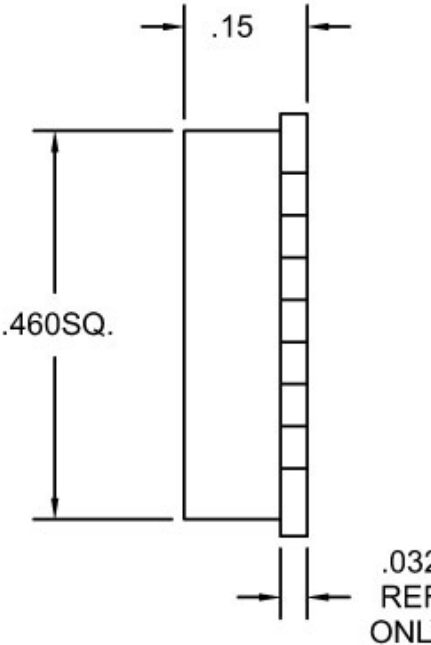
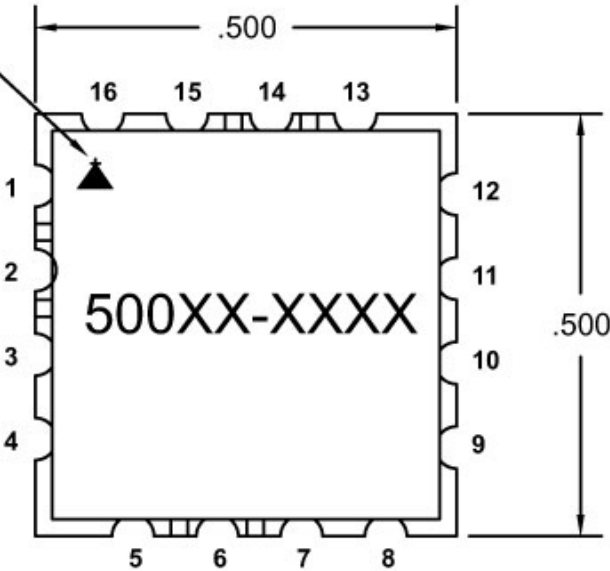
Supply Voltage	5 V _{cc}
Supply Current	35 mA
Load Impedance	50
Operating Temperature	-40 to 85 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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