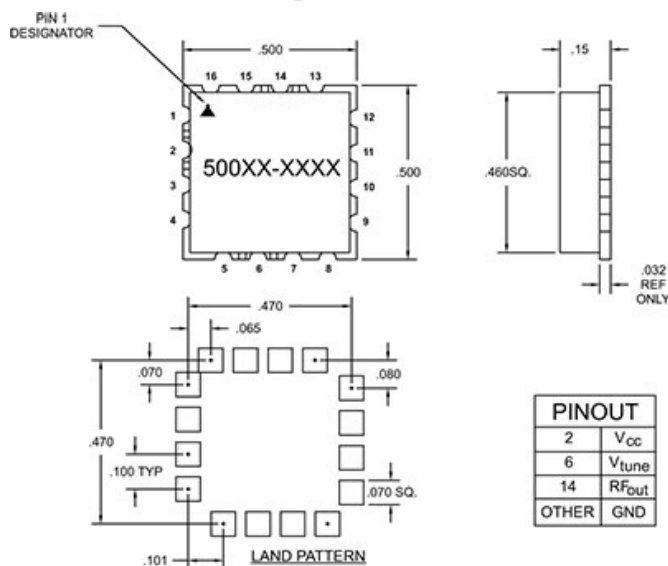


MW500-1742

3200 MHz to 3800 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	3200 MHz to 3800 MHz
Tuning Voltage	0.5/13 V
Power Output	3 +/- 2 dBm
Phase Noise	10 kHz Offset -92 (typ) dBc/Hz 100 kHz Offset -113 (typ) dBc/Hz
Frequency Pushing	10 MHz/V
Frequency Pulling	20 MHz
Harmonic Suppression	-15 (MAX)

Operating Specifications

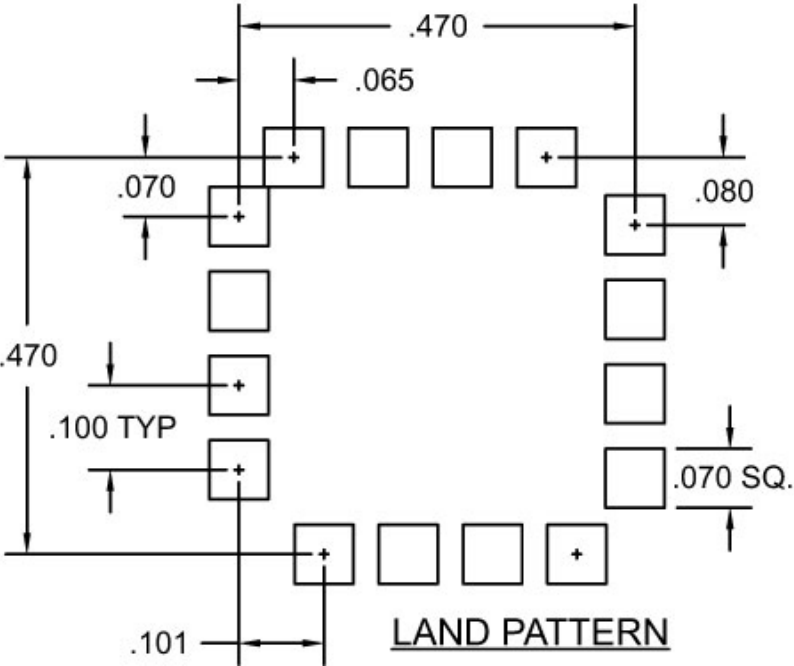
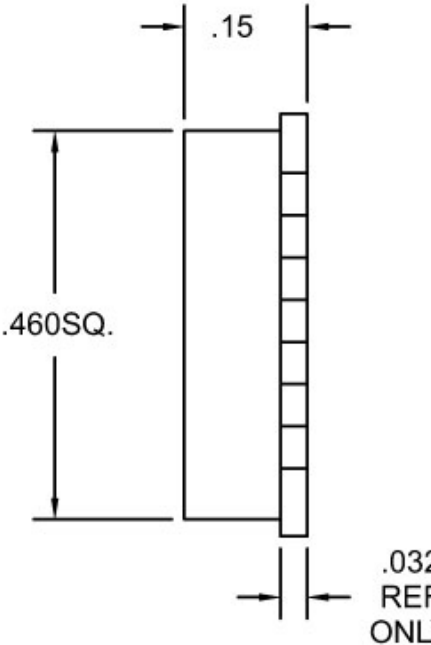
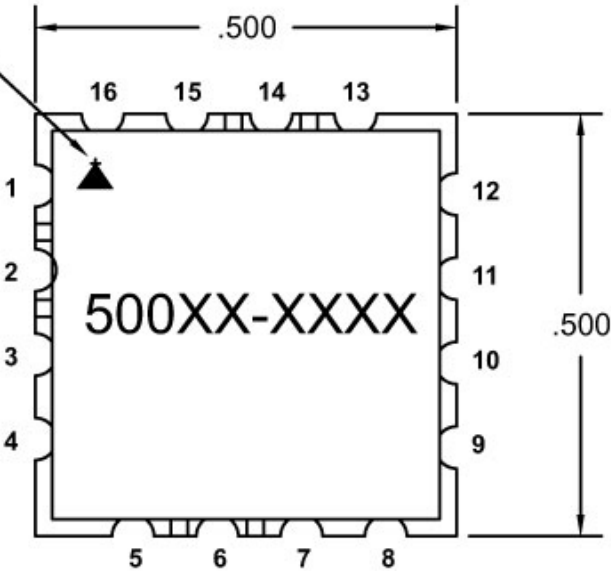
Supply Voltage	10 Vcc
Supply Current	35 mA
Load Impedance	50
Operating Temperature	-40 to 85 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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