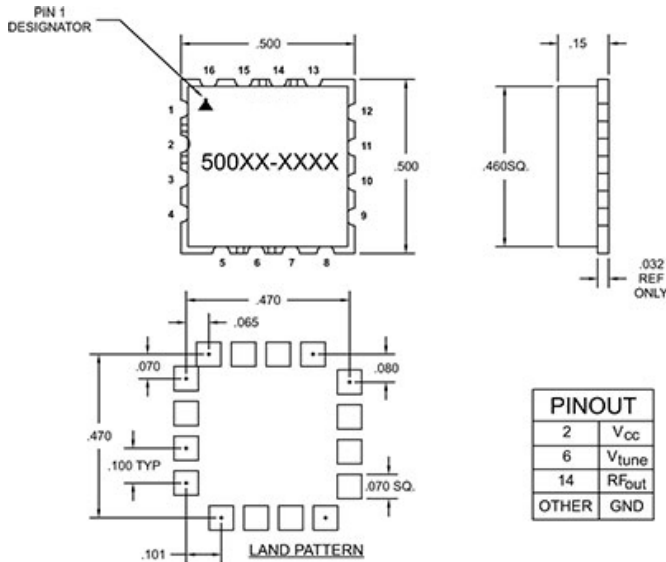


MW500-1647

195 MHz to 505 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	195 MHz to 505 MHz
Tuning Voltage	0.5/20 V
Power Output	6 +/- 1.5 dBm
Phase Noise	10 kHz Offset -104 (typ) dBc/Hz 100 kHz Offset -124 (typ) dBc/Hz
Frequency Pushing	1 MHz/V
Frequency Pulling	3 MHz
Harmonic Suppression	-5 (MAX)

Operating Specifications

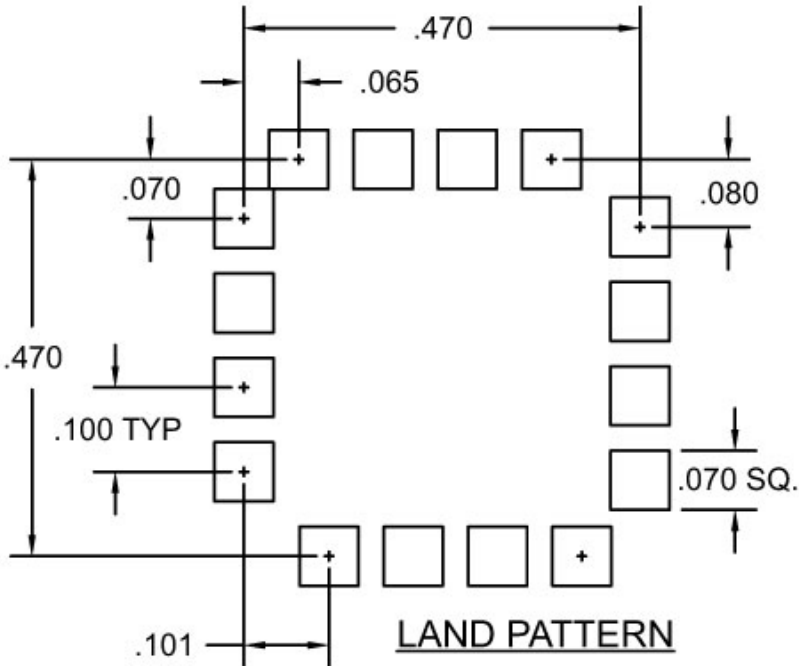
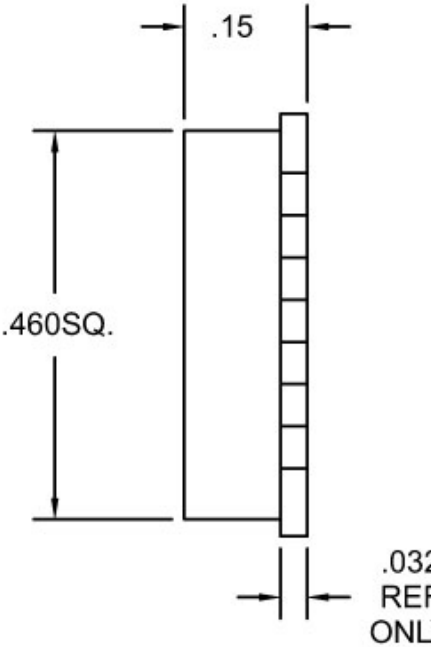
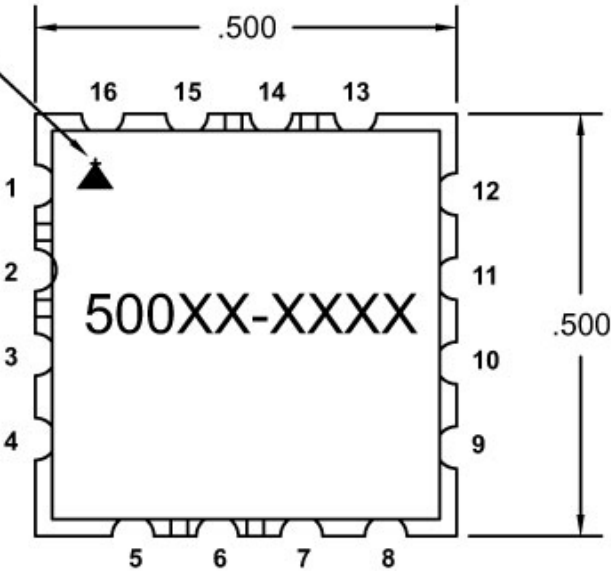
Supply Voltage	12 Vcc
Supply Current	35 mA
Load Impedance	50
Operating Temperature	-30 to 80 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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