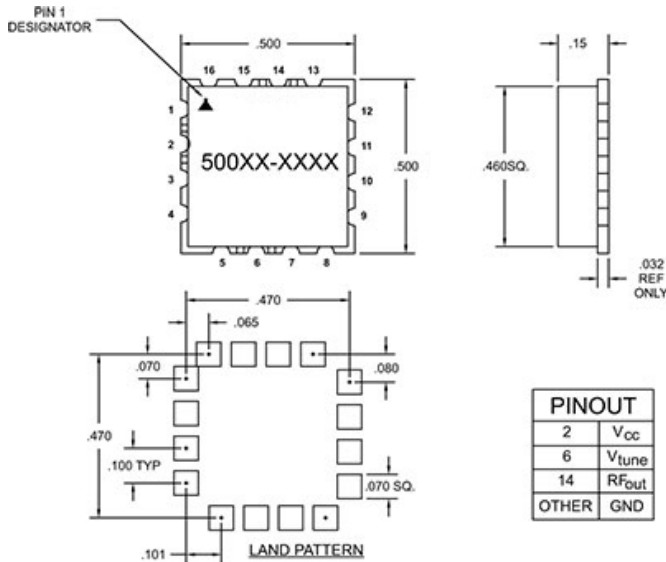


MW500-1160

3400 MHz to 4450 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	3400 MHz to 4450 MHz
Tuning Voltage	0.5/20 V
Power Output	5 +/- 1.5 dBm
Phase Noise	

10 kHz Offset -80 (typ) dBc/Hz
100 kHz Offset -101 (typ) dBc/Hz

Frequency Pushing	40 MHz/V
Frequency Pulling	65 MHz
Harmonic Suppression	-17 (MAX)

Operating Specifications

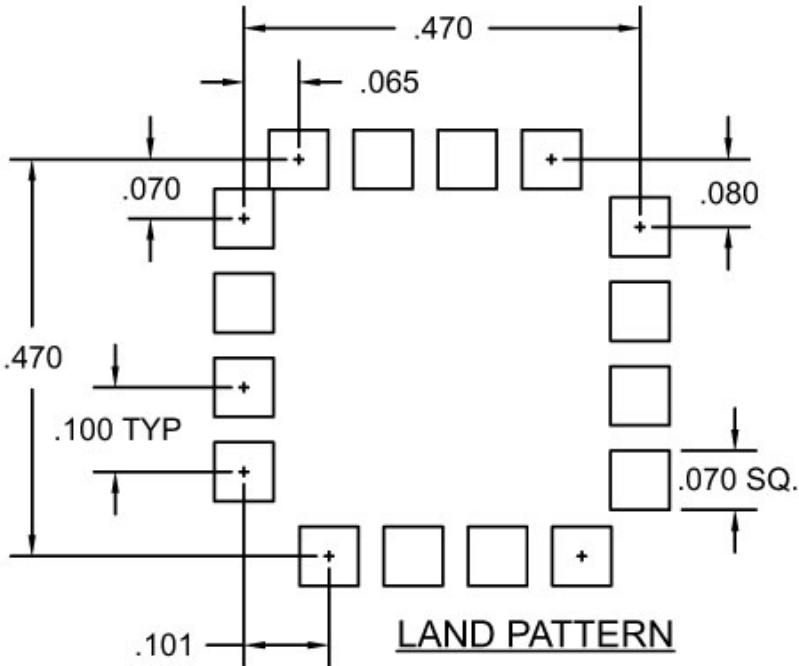
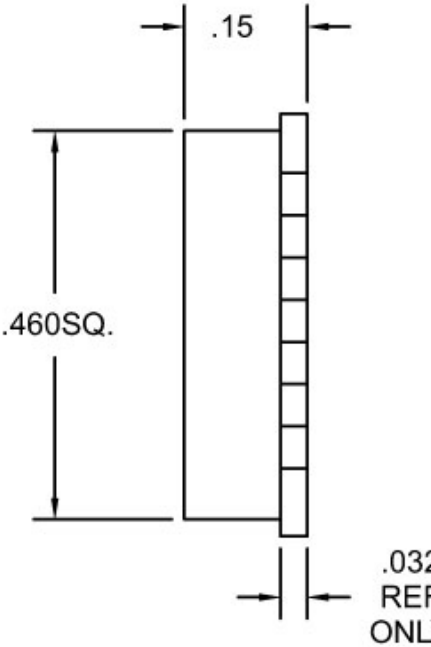
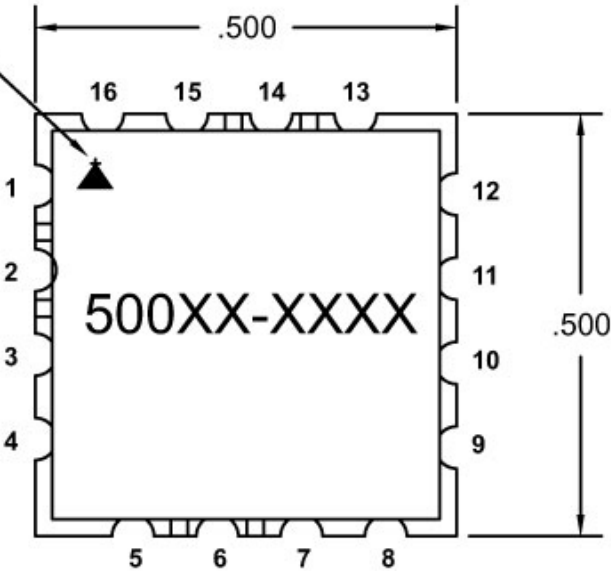
Supply Voltage	5 V _{cc}
Supply Current	40 mA
Load Impedance	50
Operating Temperature	-40 to 80 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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