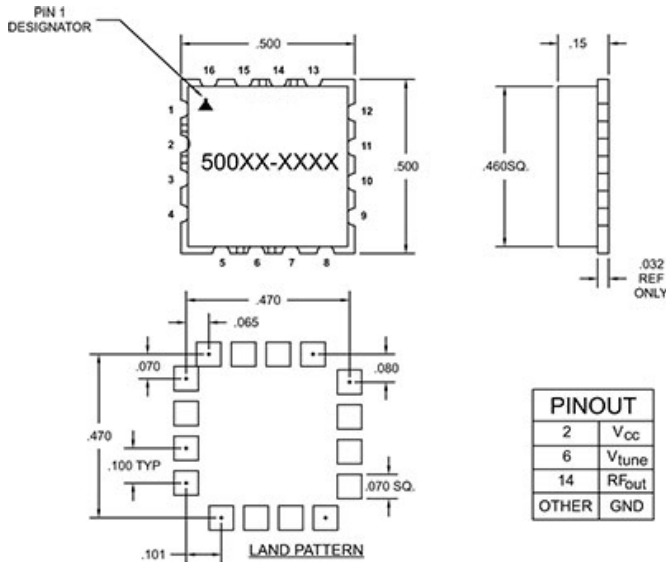


MW500-1177

5000 MHz to 5100 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	5000 MHz to 5100 MHz
Tuning Voltage	0.5/4.5 V
Power Output	4 +/- 1.5 dBm
Phase Noise	

10 kHz Offset -88 (typ) dBc/Hz
100 kHz Offset -110 (typ) dBc/Hz

Frequency Pushing	5 MHz/V
Frequency Pulling	27 MHz
Harmonic Suppression	-15 (MAX)

Operating Specifications

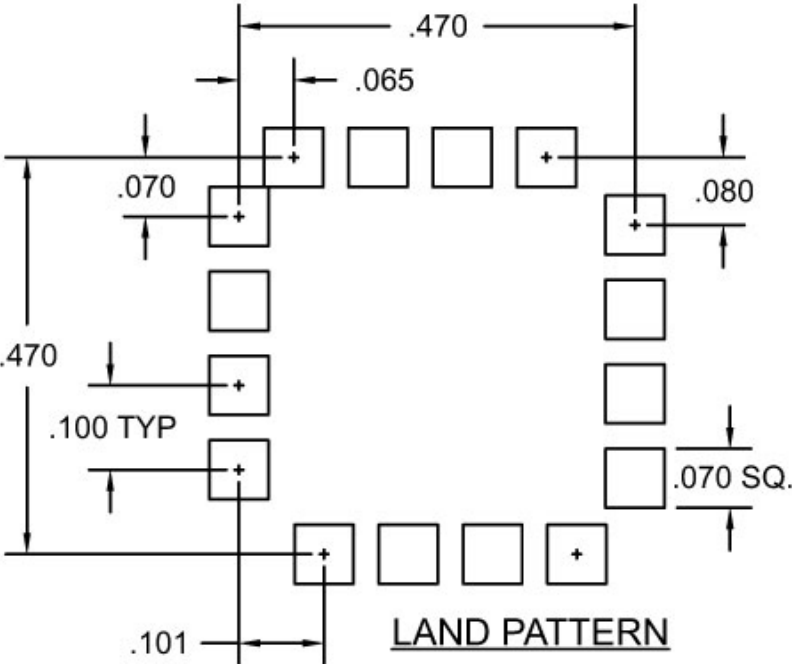
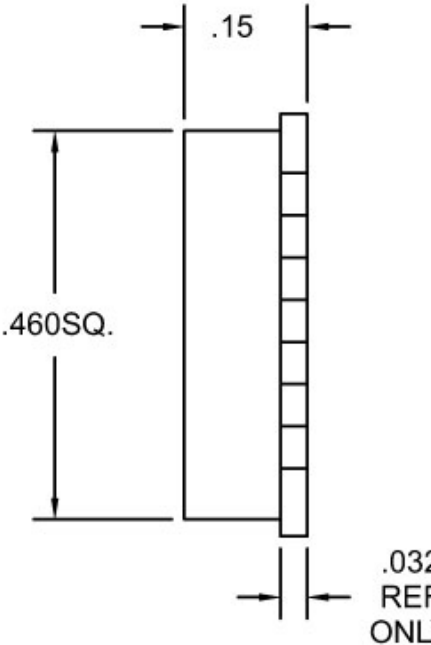
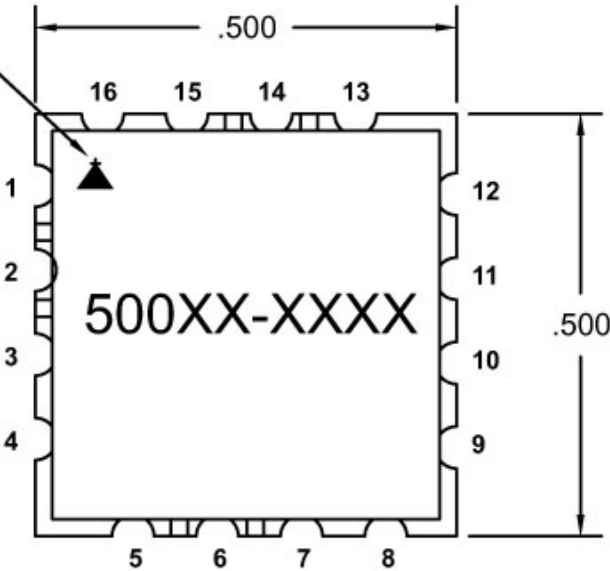
Supply Voltage	5 V _{cc}
Supply Current	35 mA
Load Impedance	50
Operating Temperature	-40 to 85 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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