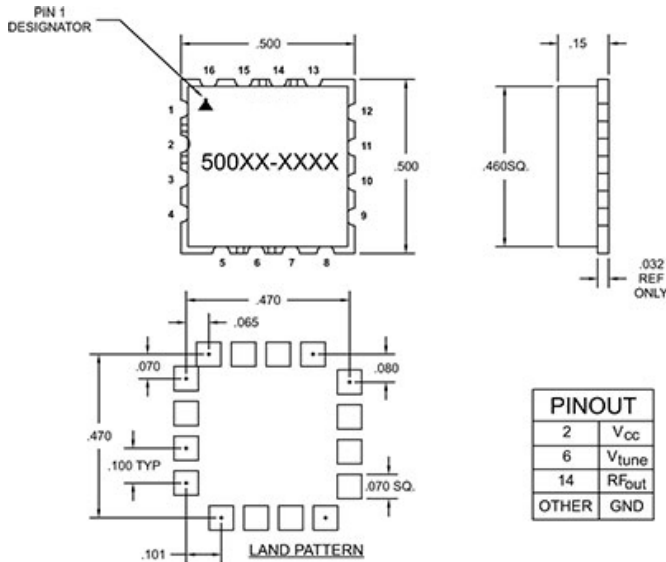


MW500-1282

3150 MHz to 3600 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	3150 MHz to 3600 MHz
Tuning Voltage	0.5/7 V
Power Output	7 +/- 2 dBm
Phase Noise	

10 kHz Offset -93 (typ) dBc/Hz

100 kHz Offset -116 (typ) dBc/Hz

Frequency Pushing	1 MHz/V
Frequency Pulling	20 MHz
Harmonic Suppression	-20 (MAX)

Operating Specifications

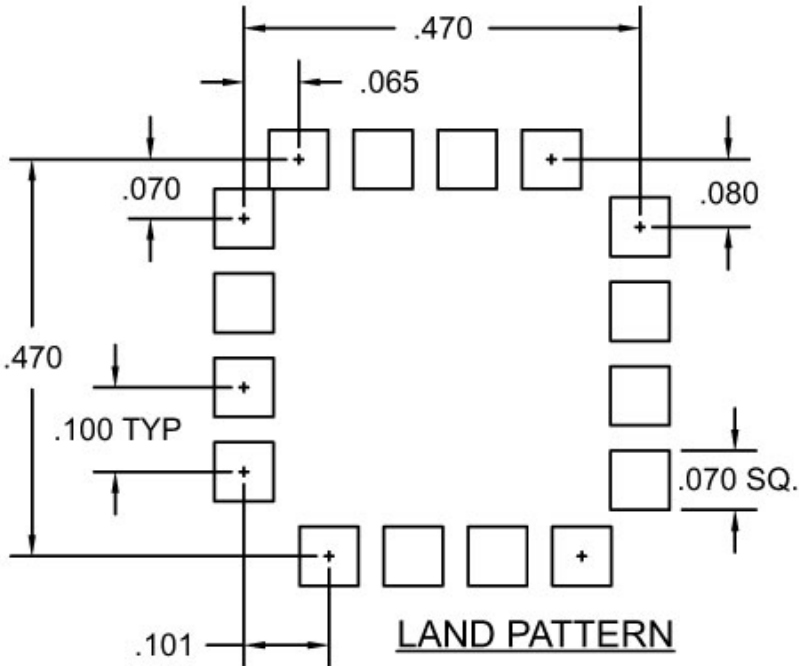
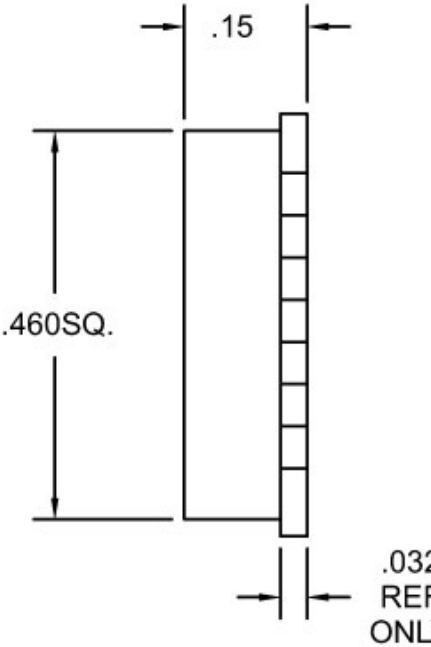
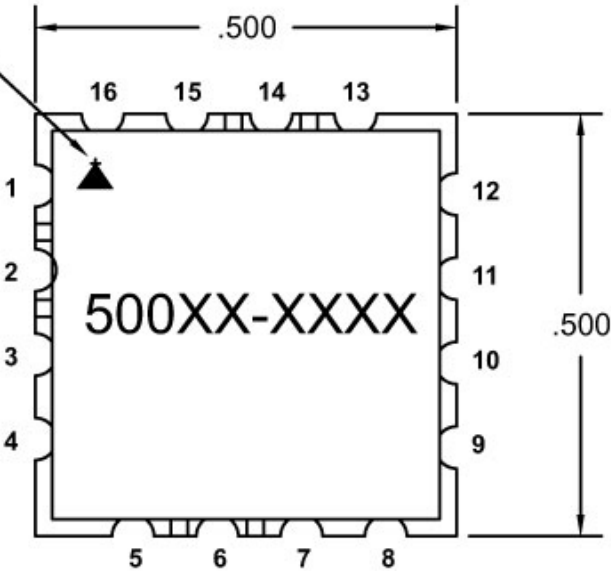
Supply Voltage	8 Vcc
Supply Current	35 mA
Load Impedance	50
Operating Temperature	-40 to 80 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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