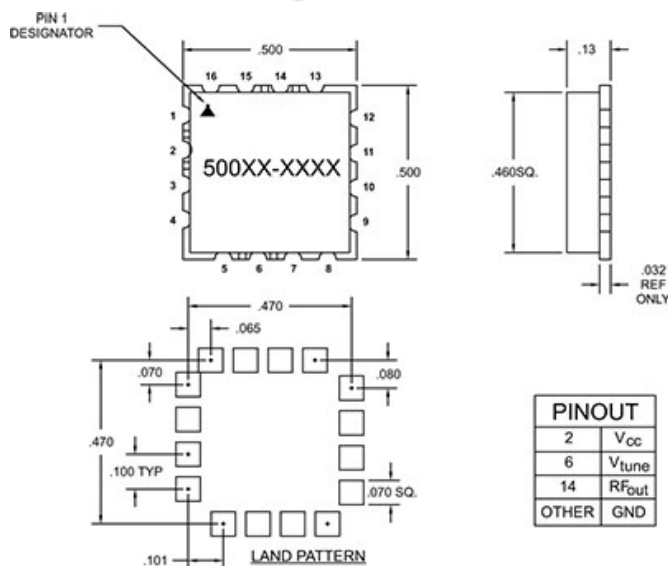


MW500-1340

320 MHz to 343 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	320 MHz to 343 MHz
Tuning Voltage	1/9 V
Power Output	12 +/- 2 dBm
Phase Noise	10 kHz Offset -107 (typ) dBc/Hz 100 kHz Offset -129 (typ) dBc/Hz
Frequency Pushing	3 MHz/V
Frequency Pulling	5 MHz
Harmonic Suppression	-10 (MAX)

Operating Specifications

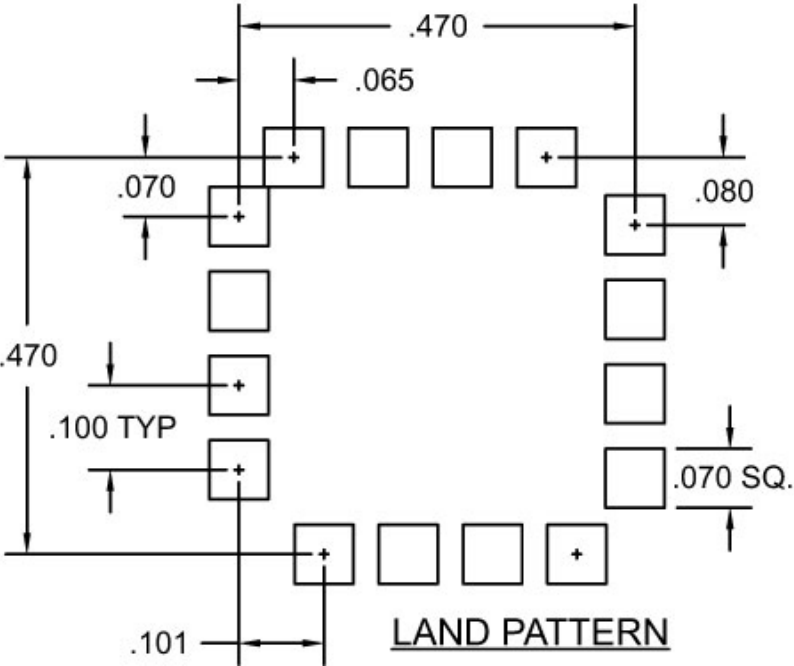
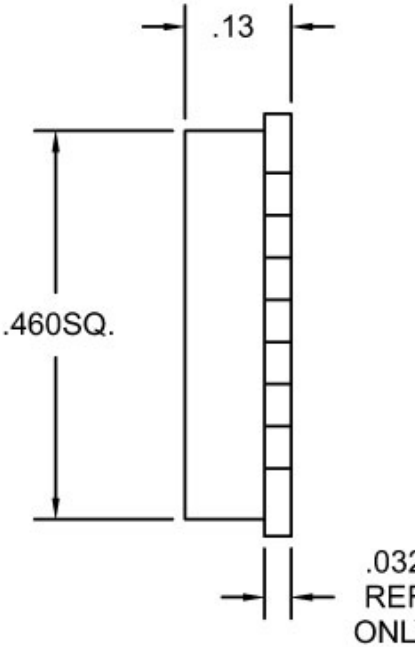
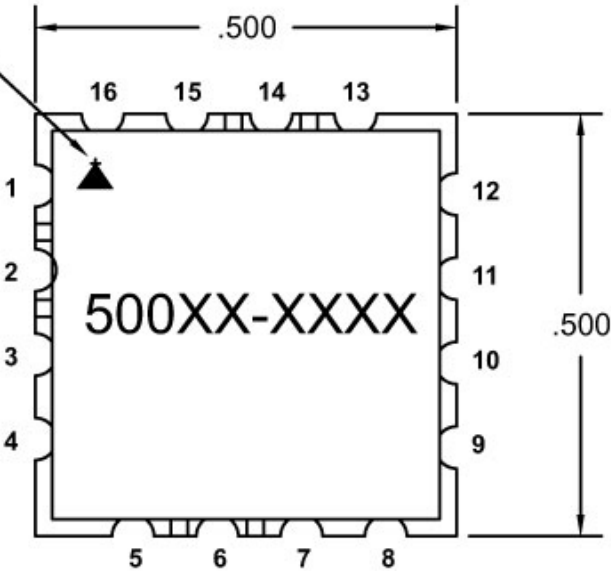
Supply Voltage	13.5 Vcc
Supply Current	40 mA
Load Impedance	50
Operating Temperature	-30 to 85 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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