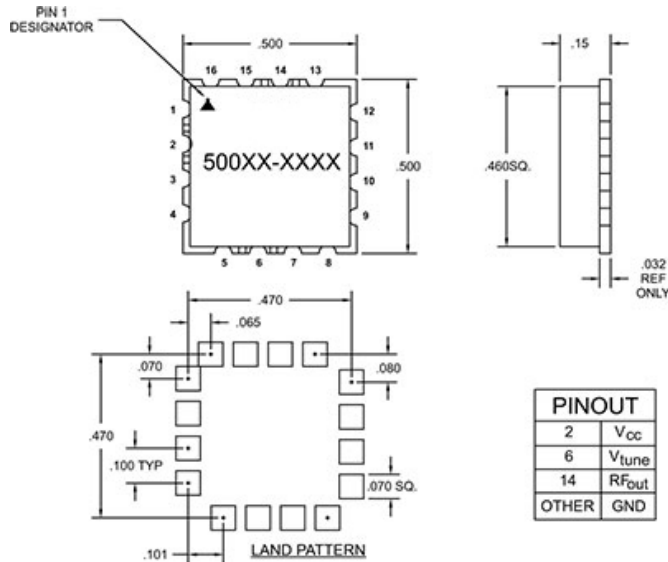


MW500-1345

720 MHz to 1440 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	720 MHz to 1440 MHz
Tuning Voltage	0.3/11 V
Power Output	6 +/- 2 dBm
Phase Noise	10 kHz Offset -98 (typ) dBc/Hz 100 kHz Offset -119 (typ) dBc/Hz
Frequency Pushing	2 MHz/V
Frequency Pulling	5 MHz
Harmonic Suppression	-8 (MAX)

Operating Specifications

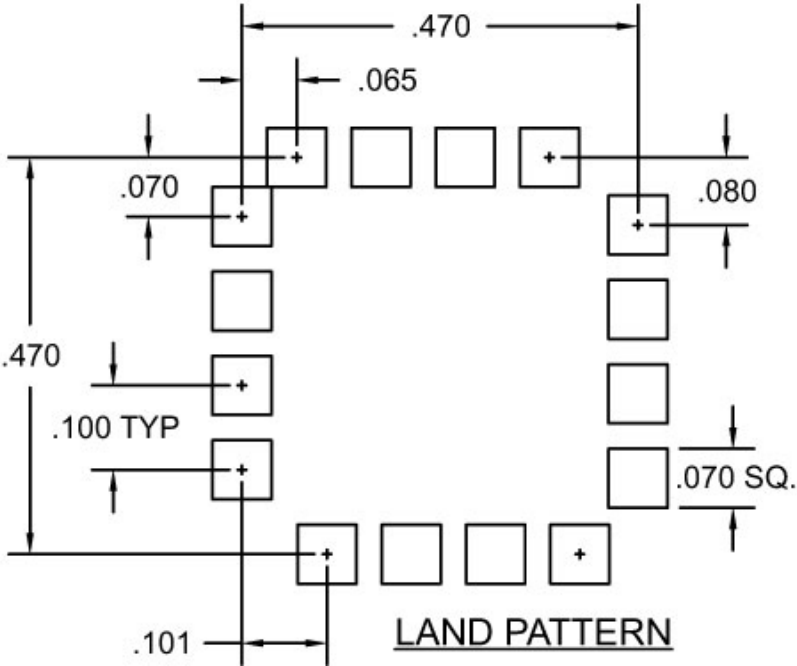
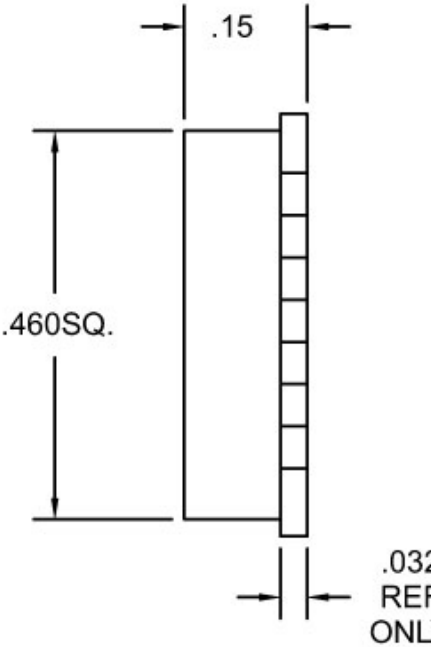
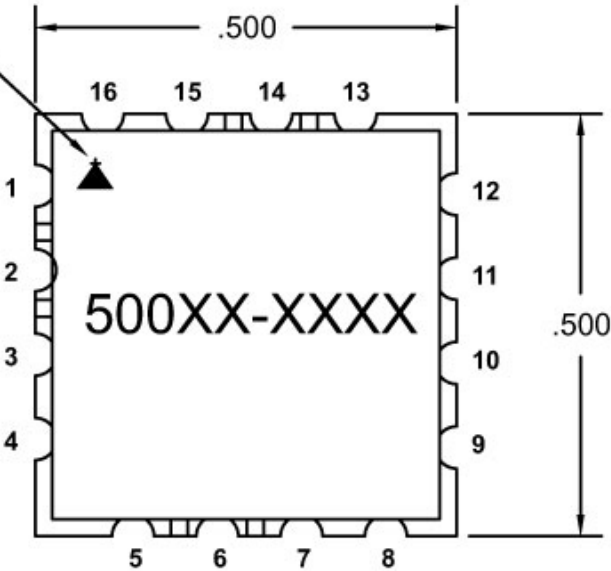
Supply Voltage	8 Vcc
Supply Current	30 mA
Load Impedance	50
Operating Temperature	-40 to 85 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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