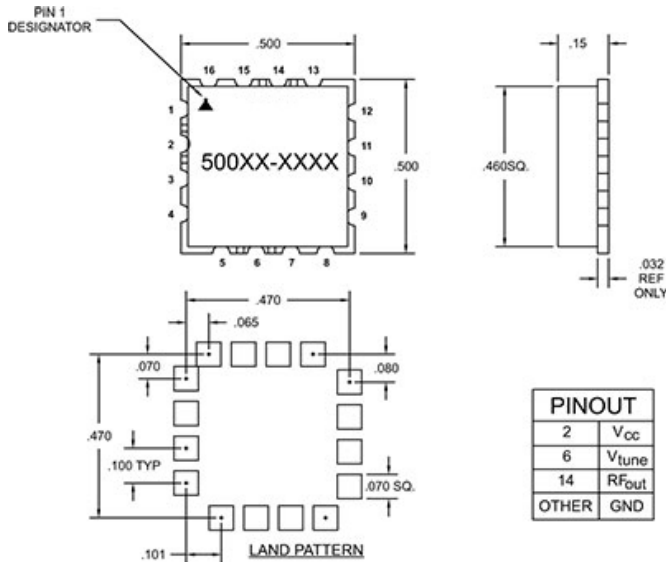


MW500-1224

3000 MHz to 4000 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	3000 MHz to 4000 MHz
Tuning Voltage	0.5/18 V
Power Output	3 +/- 1.5 dBm
Phase Noise	

10 kHz Offset -80 (typ) dBc/Hz
100 kHz Offset -105 (typ) dBc/Hz

Frequency Pushing	7 MHz/V
Frequency Pulling	35 MHz
Harmonic Suppression	-15 (MAX)

Operating Specifications

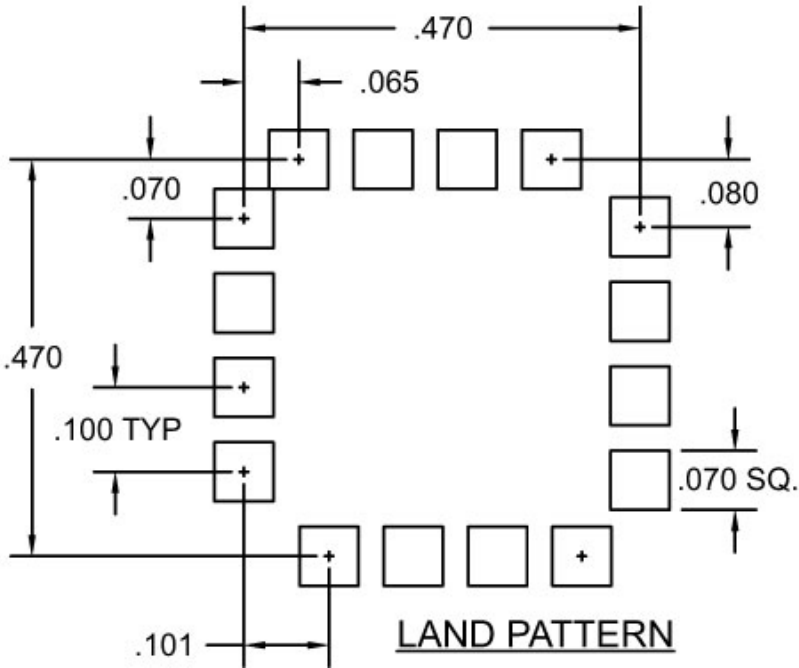
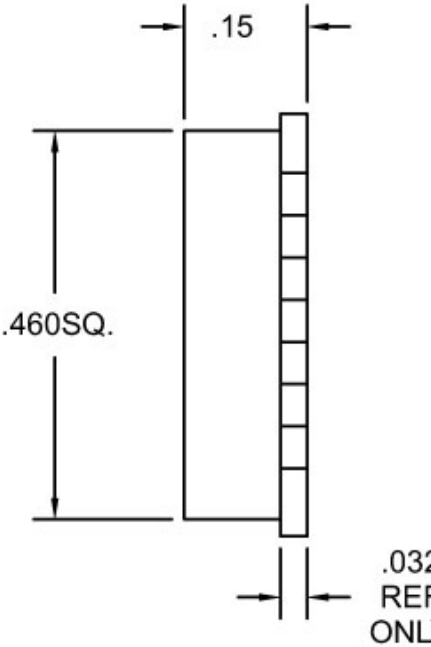
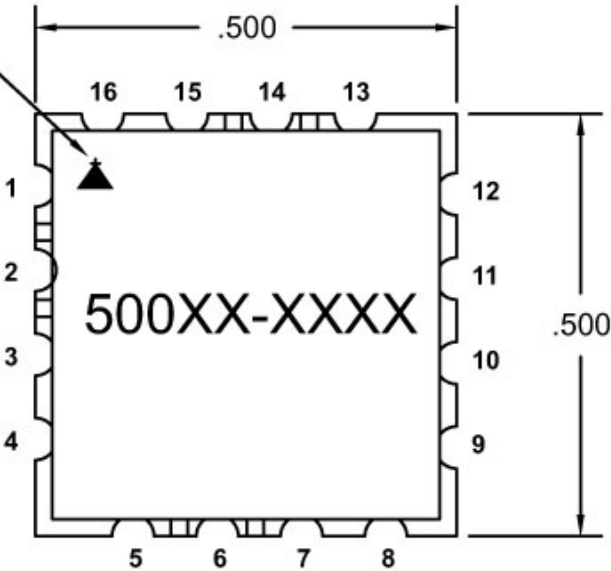
Supply Voltage	5 V _{cc}
Supply Current	30 mA
Load Impedance	50
Operating Temperature	-20 to 75 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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