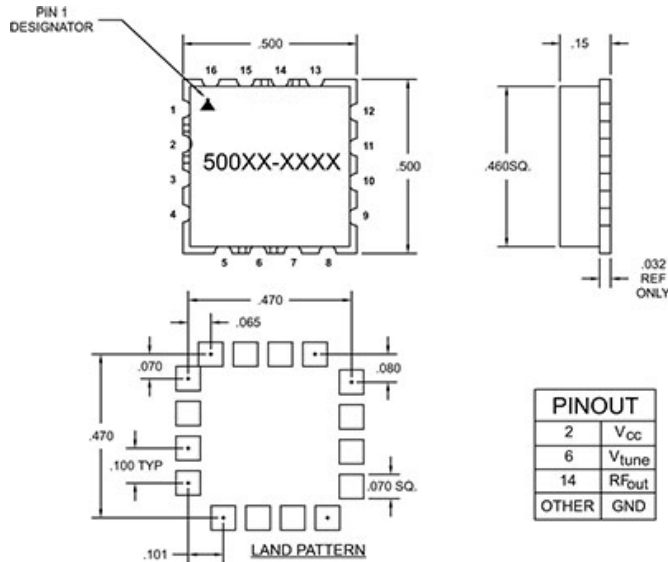


MW500-1619

3100 MHz to 3450 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	3100 MHz to 3450 MHz
Tuning Voltage	0.5/12 V
Power Output	6 +/- 2 dBm
Phase Noise	10 kHz Offset -89 (typ) dBc/Hz 100 kHz Offset -109 (typ) dBc/Hz
Frequency Pushing	5 MHz/V
Frequency Pulling	8 MHz
Harmonic Suppression	-10 (MAX)

Operating Specifications

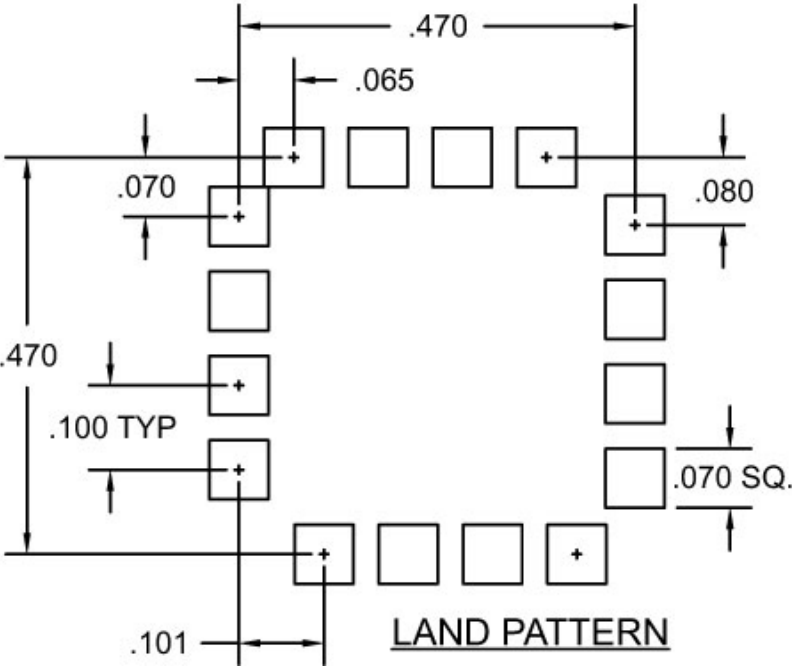
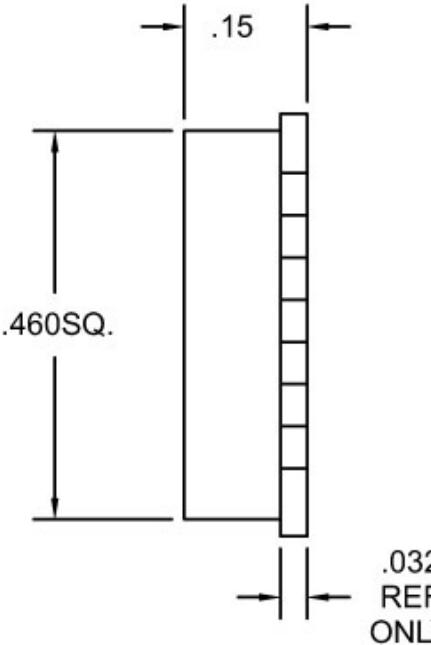
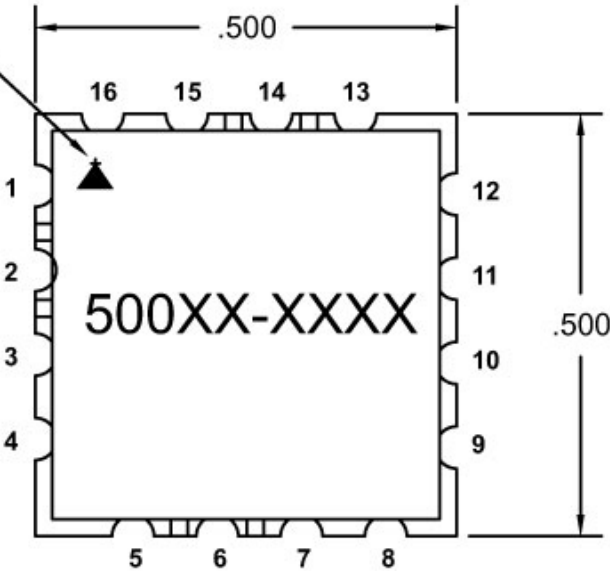
Supply Voltage	7 Vcc
Supply Current	50 mA
Load Impedance	50
Operating Temperature	-40 to 85 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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