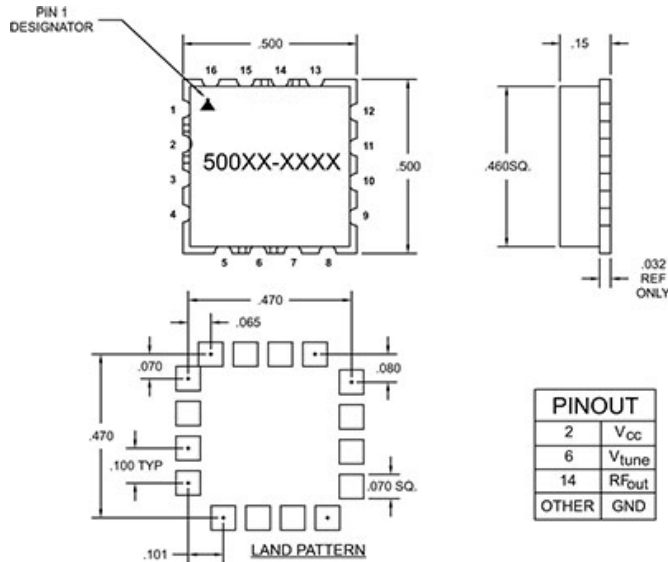


MW500-1691

1650 MHz to 1750 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	1650 MHz to 1750 MHz
Tuning Voltage	0.7/2.5 V
Power Output	5 +/- 2 dBm
Phase Noise	10 kHz Offset -88 (typ) dBc/Hz 100 kHz Offset -110 (typ) dBc/Hz
Frequency Pushing	7 MHz/V
Frequency Pulling	20 MHz
Harmonic Suppression	-8 (MAX)

Operating Specifications

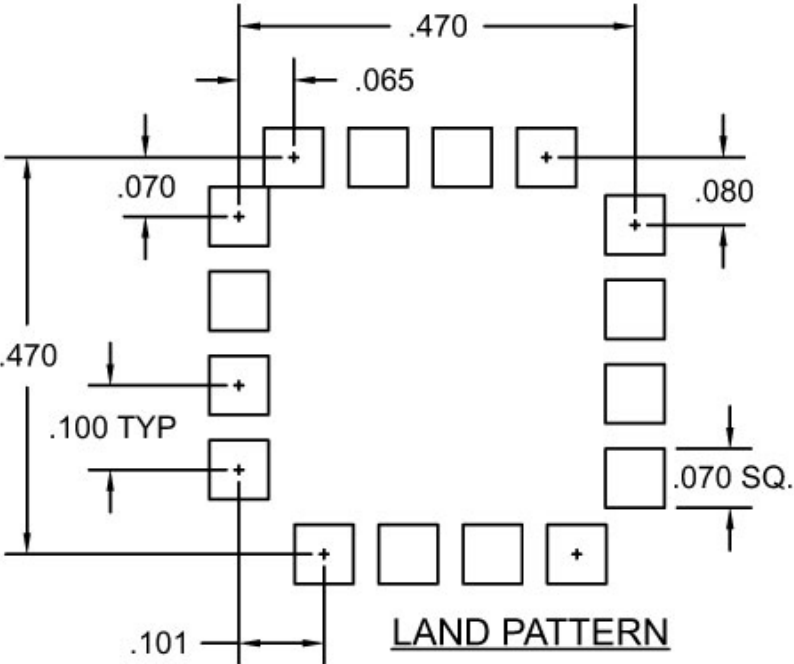
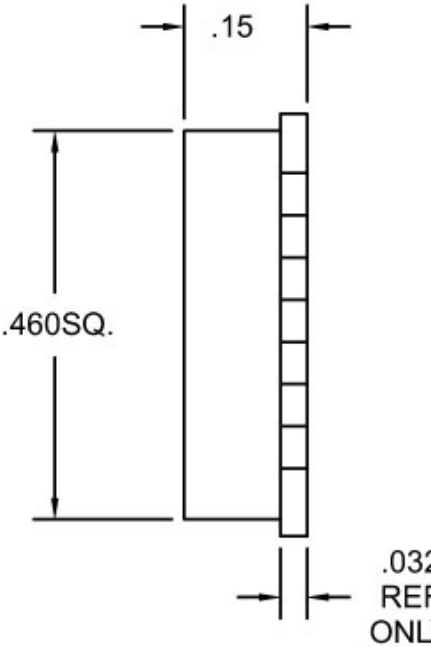
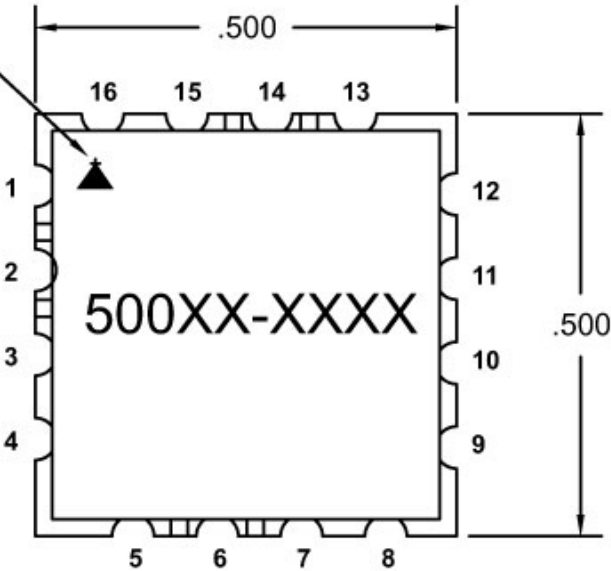
Supply Voltage	12 Vcc
Supply Current	25 mA
Load Impedance	50
Operating Temperature	-40 to 85 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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