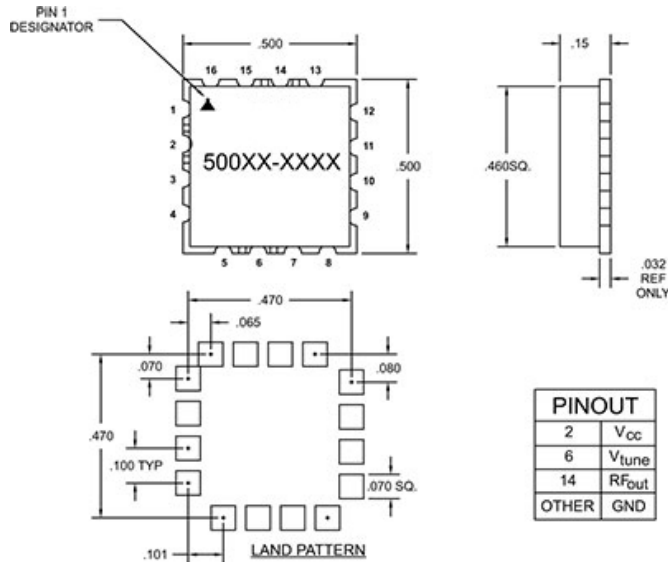


MW500-1689

1000 MHz to 2500 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	1000 MHz to 2500 MHz
Tuning Voltage	0/20 V
Power Output	5 +/- 2 dBm
Phase Noise	10 kHz Offset -92 (typ) dBc/Hz 100 kHz Offset -113 (typ) dBc/Hz
Frequency Pushing	5 MHz/V
Frequency Pulling	10 MHz
Harmonic Suppression	-10 (MAX)

Operating Specifications

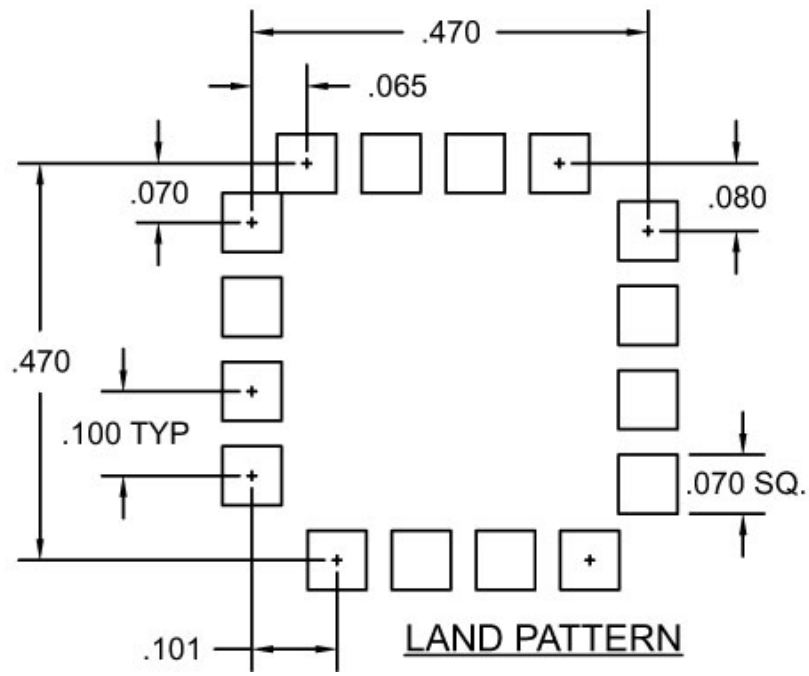
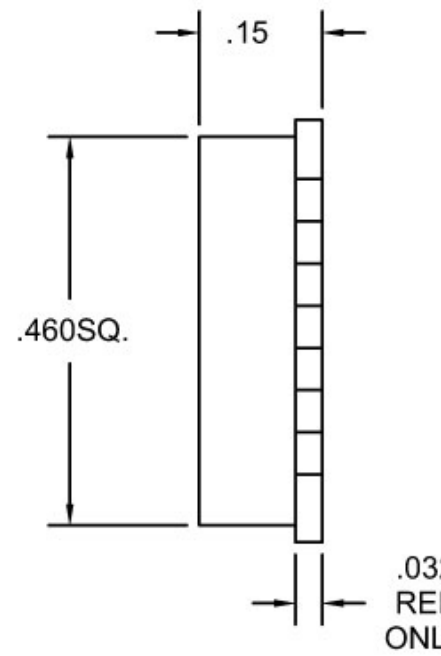
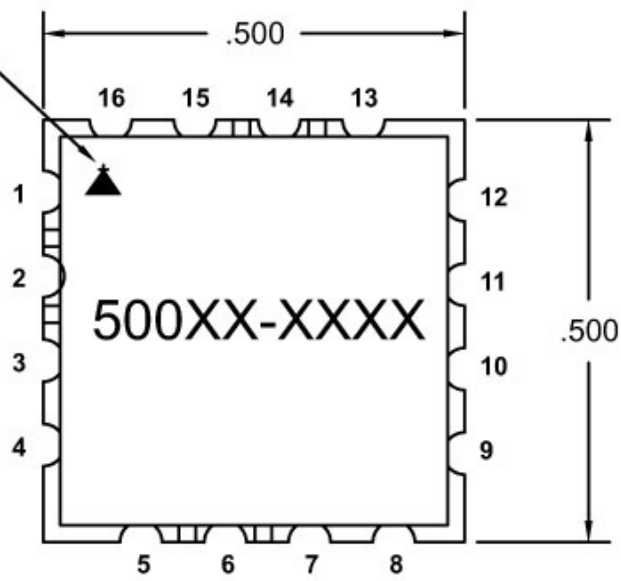
Supply Voltage	12 Vcc
Supply Current	30 mA
Load Impedance	50
Operating Temperature	-40 to 80 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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