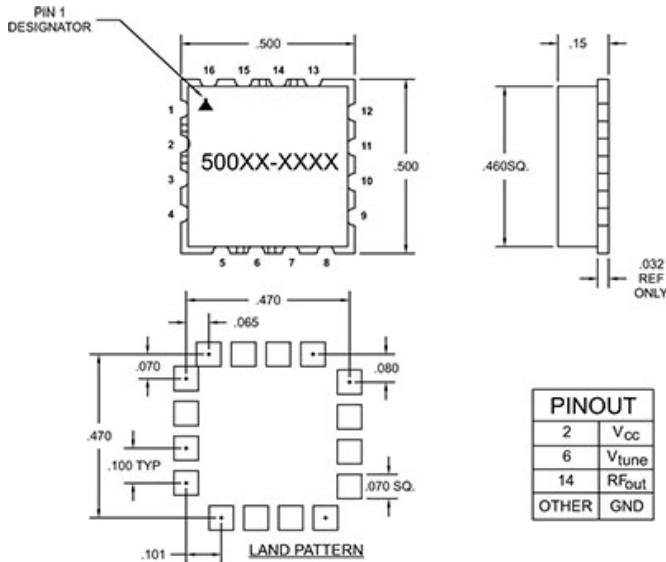


MW500-1183

200 MHz to 400 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	200 MHz to 400 MHz
Tuning Voltage	0.5/18 V
Power Output	12 +/- 1 dBm
Phase Noise	10 kHz Offset -106 (typ) dBc/Hz 100 kHz Offset -127 (typ) dBc/Hz
Frequency Pushing	5 MHz/V
Frequency Pulling	3 MHz
Harmonic Suppression	-5 (MAX)

Operating Specifications

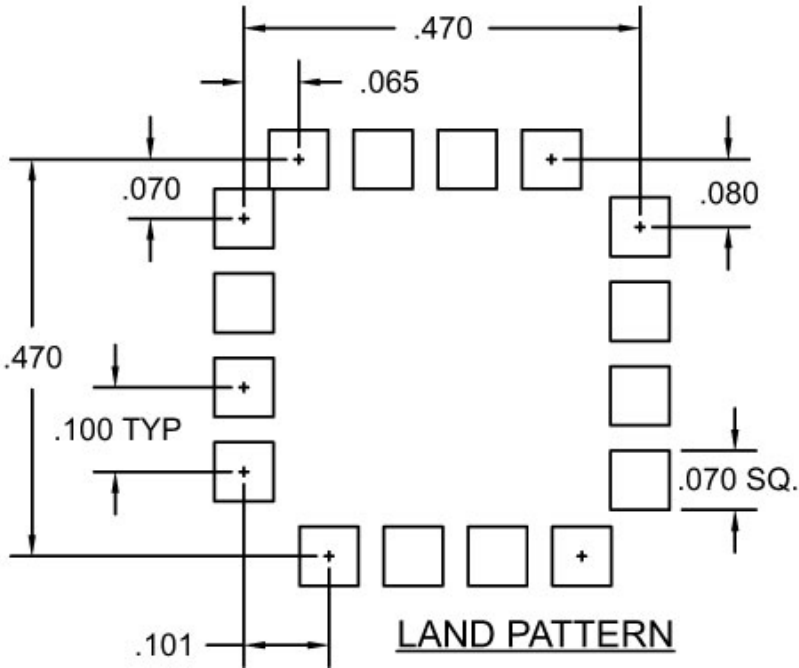
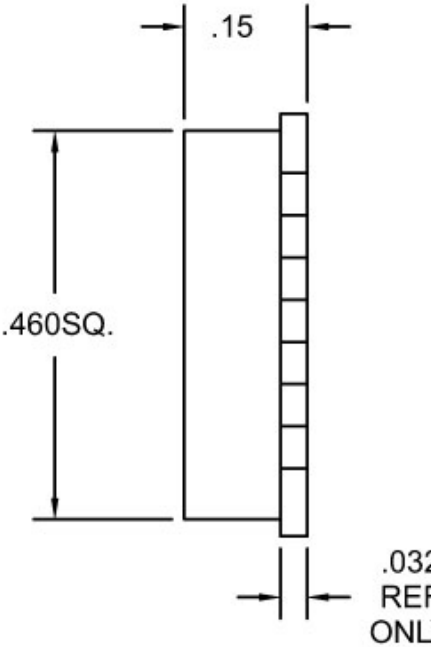
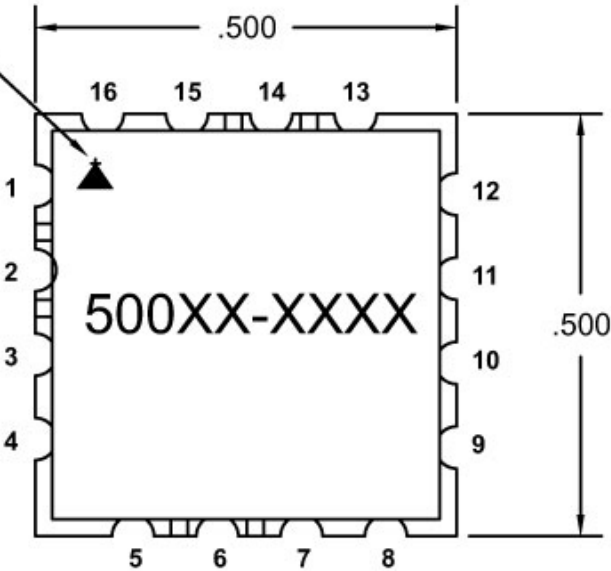
Supply Voltage	12 Vcc
Supply Current	35 mA
Load Impedance	50
Operating Temperature	-40 to 80 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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