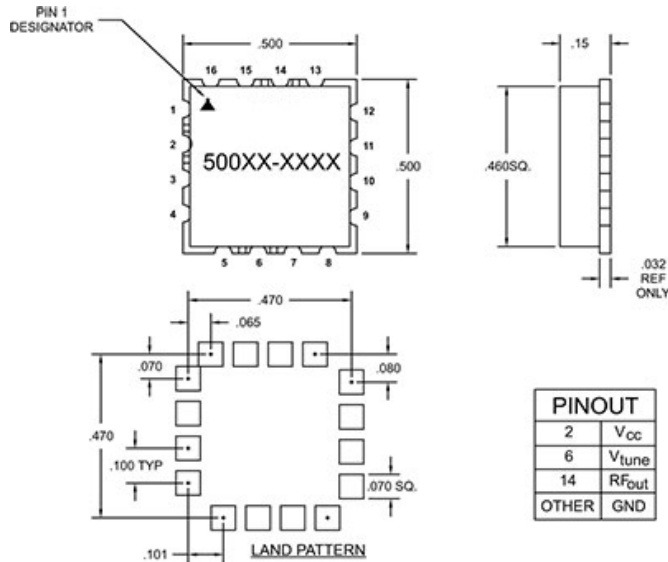


MW500-1438

2500 MHz to 4100 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	2500 MHz to 4100 MHz
Tuning Voltage	0.5/20 V
Power Output	0 +/- 2 dBm
Phase Noise	10 kHz Offset -93 (typ) dBc/Hz 100 kHz Offset -115 (typ) dBc/Hz
Frequency Pushing	10 MHz/V
Frequency Pulling	10 MHz
Harmonic Suppression	-15 (MAX)

Operating Specifications

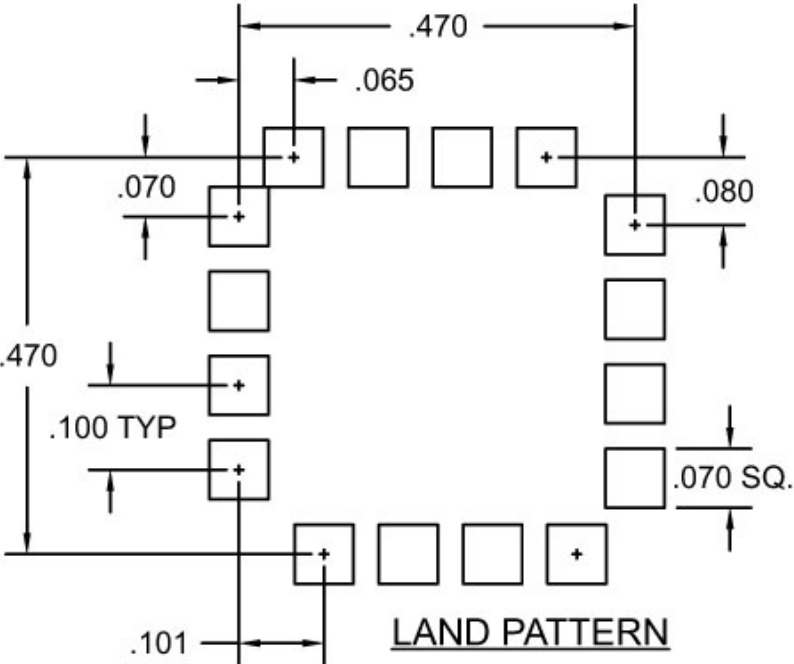
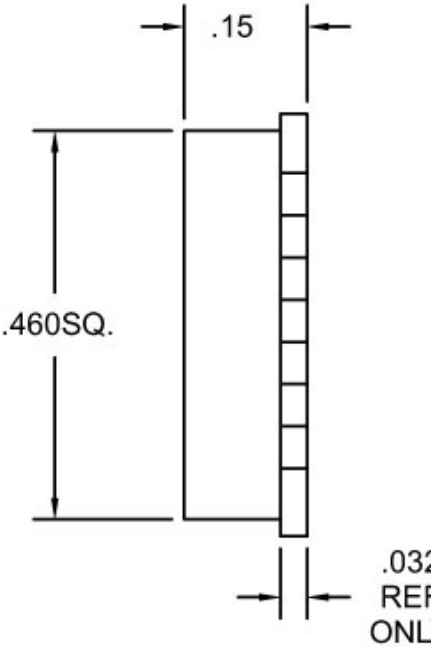
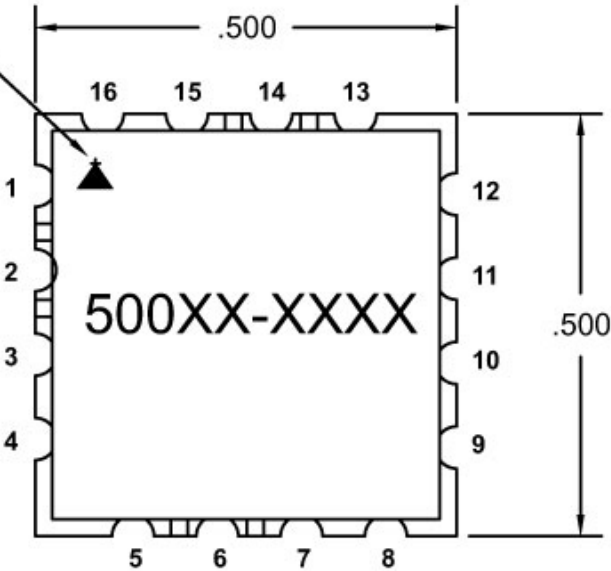
Supply Voltage	12 Vcc
Supply Current	30 mA
Load Impedance	50
Operating Temperature	-40 to 75 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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