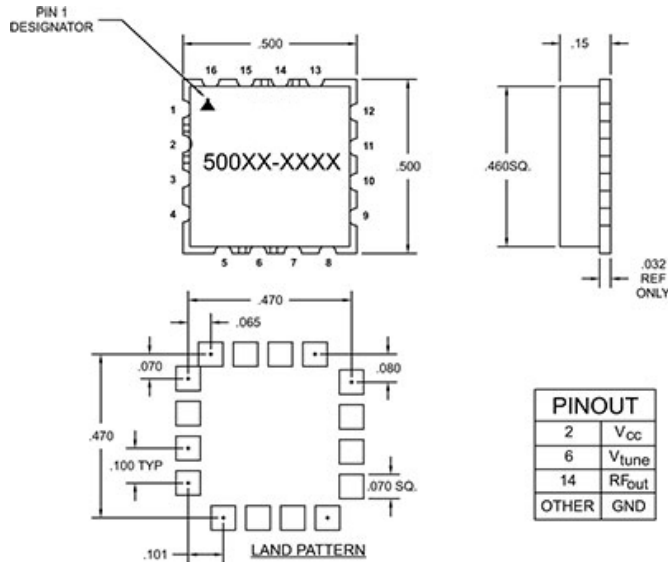


MW500-1359

3240 MHz to 4300 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	3240 MHz to 4300 MHz
Tuning Voltage	0.5/8 V
Power Output	3 +/- 3 dBm
Phase Noise	10 kHz Offset -90 (typ) dBc/Hz 100 kHz Offset -112 (typ) dBc/Hz
Frequency Pushing	5 MHz/V
Frequency Pulling	10 MHz
Harmonic Suppression	-15 (MAX)

Operating Specifications

Supply Voltage	5 V _{cc}
Supply Current	30 mA
Load Impedance	50
Operating Temperature	-30 to 80 °C

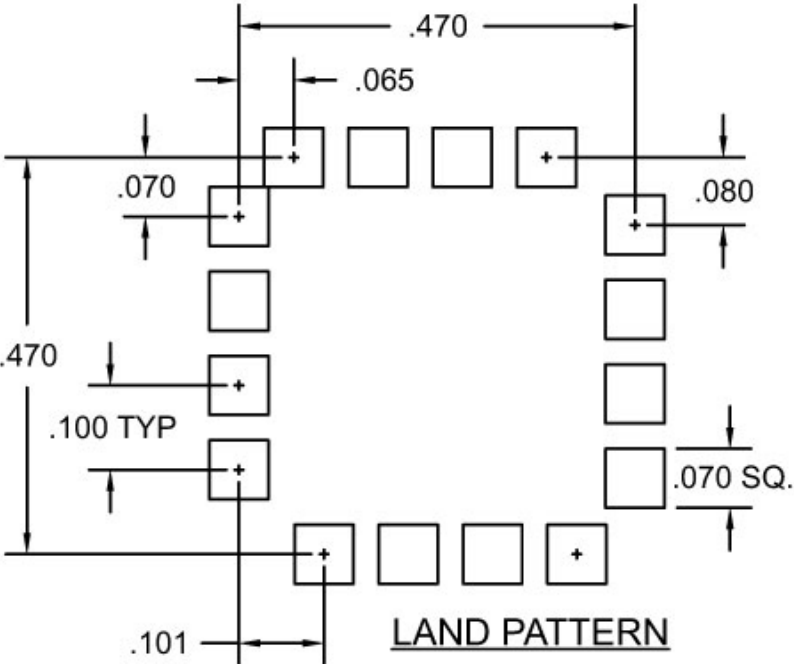
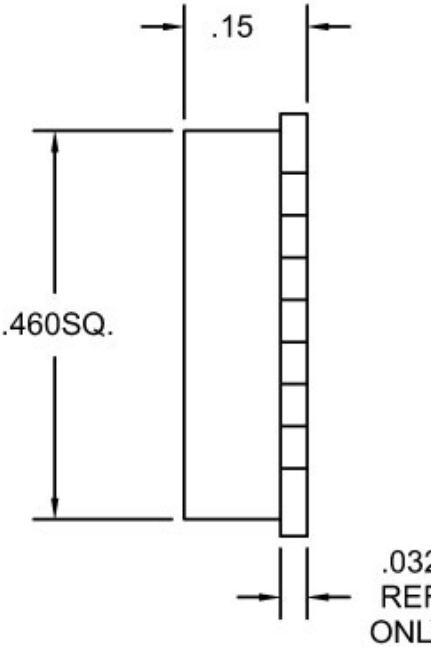
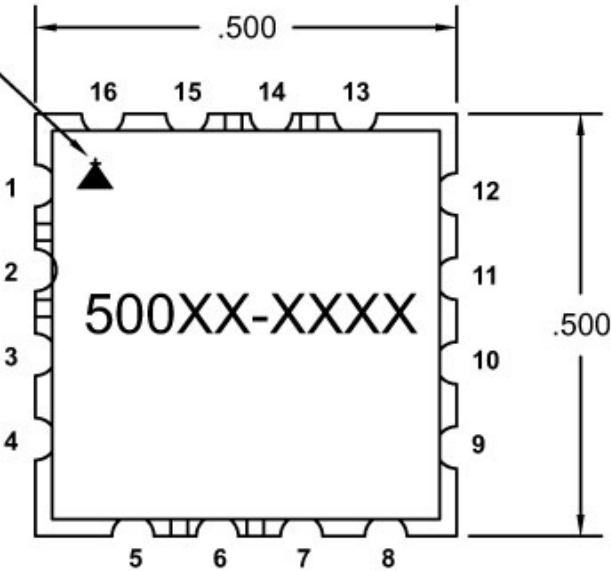
Notes

LINEARITY 2% OVER 20MHZ. DRIFT WILL BE LESS THAN 2% OVER 50 DEGREES C



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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