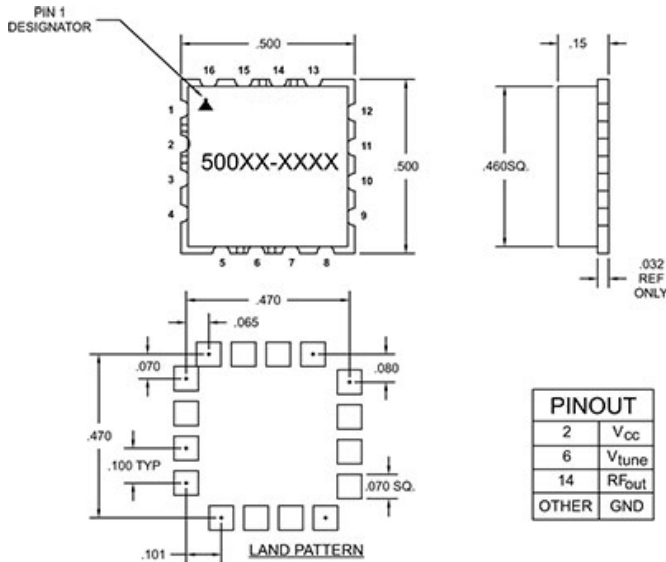


MW500-1231

3300 MHz to 4000 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	3300 MHz to 4000 MHz
Tuning Voltage	1/18 V
Power Output	5 +/- 2 dBm
Phase Noise	

10 kHz Offset -95 (typ) dBc/Hz
100 kHz Offset -118 (typ) dBc/Hz

Frequency Pushing	0 MHz/V
Frequency Pulling	15 MHz
Harmonic Suppression	-10 (MAX)

Operating Specifications

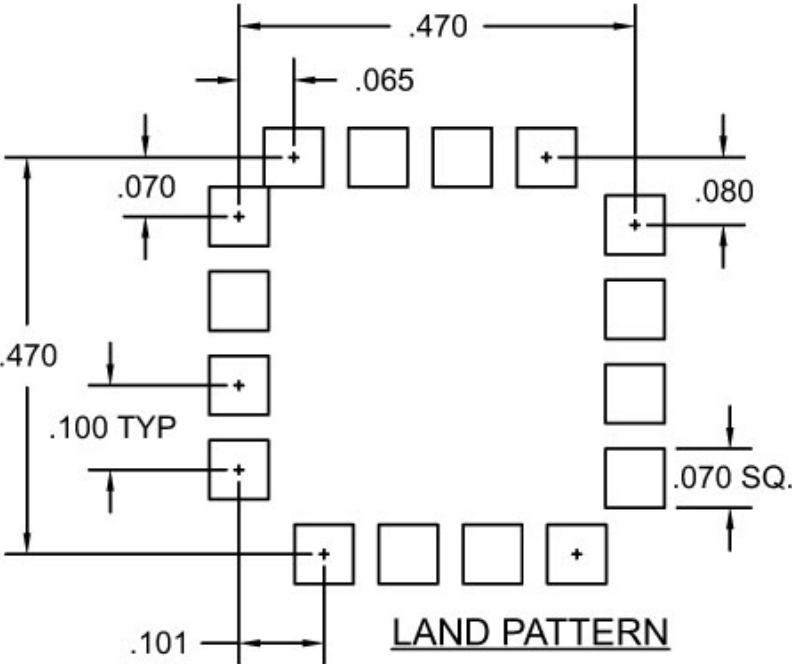
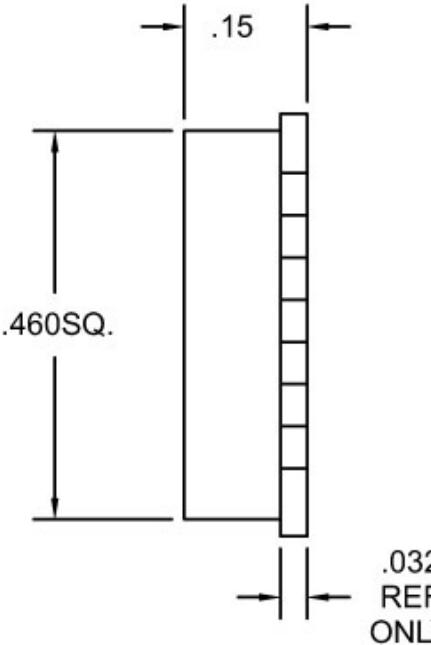
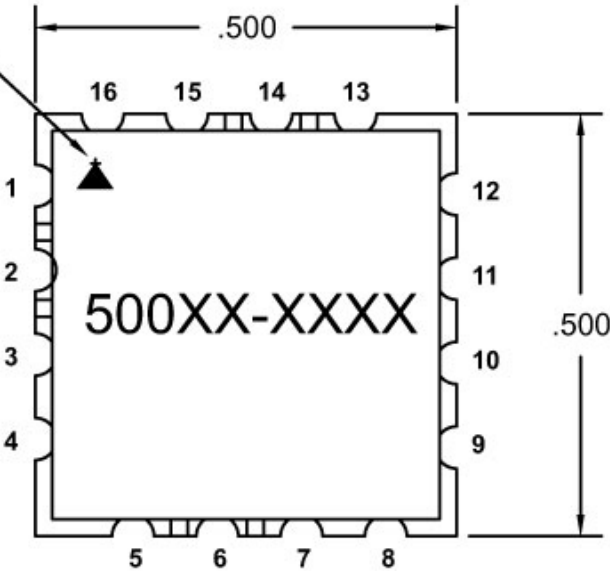
Supply Voltage	12 Vcc
Supply Current	35 mA
Load Impedance	50
Operating Temperature	-20 to 75 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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