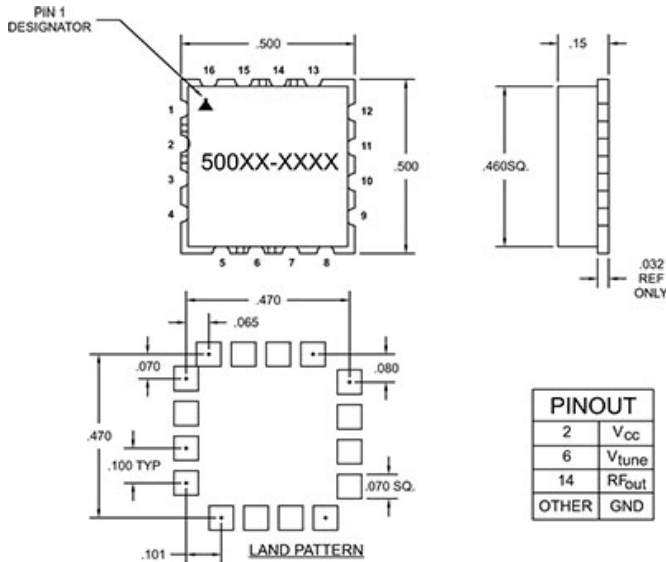


MW500-1222

2000 MHz to 4000 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	2000 MHz to 4000 MHz
Tuning Voltage	0.5/20 V
Power Output	3 +/- 3 dBm
Phase Noise	

10 kHz Offset -82 (typ) dBc/Hz
100 kHz Offset -104 (typ) dBc/Hz

Frequency Pushing	6 MHz/V
Frequency Pulling	30 MHz
Harmonic Suppression	-18 (MAX)

Operating Specifications

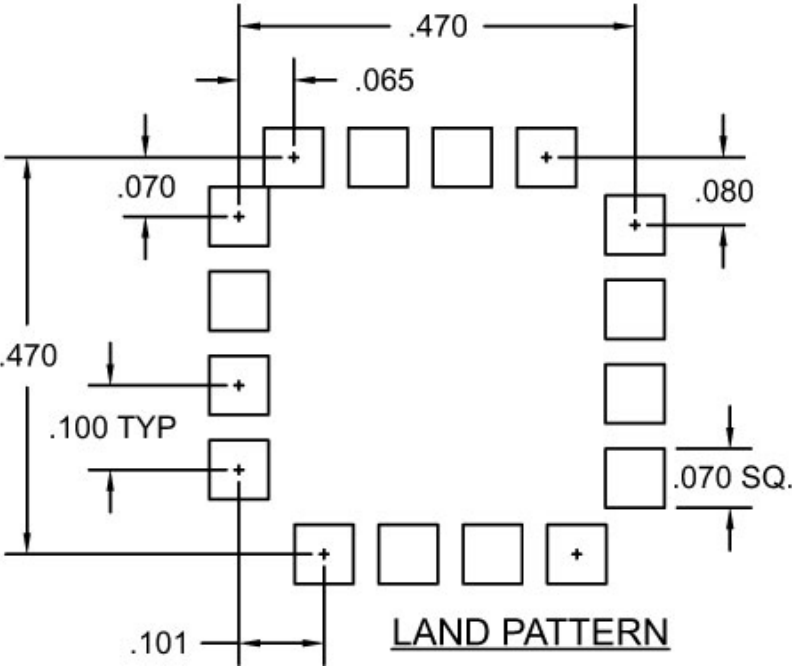
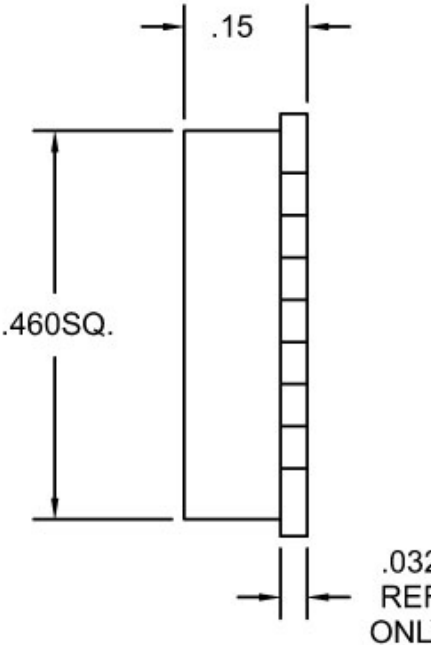
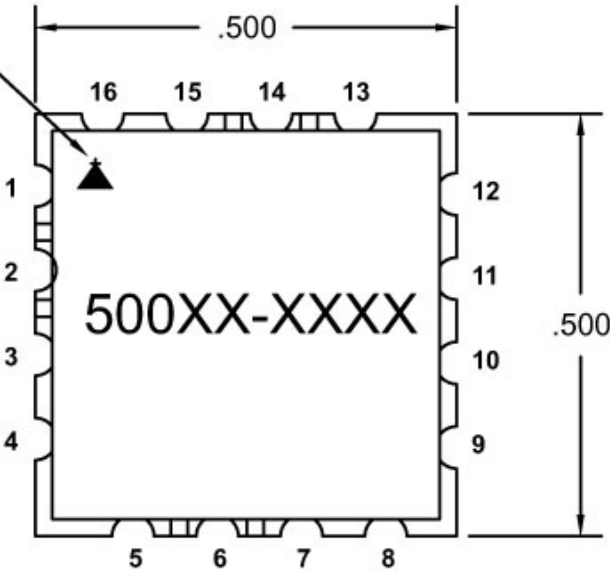
Supply Voltage	12 Vcc
Supply Current	35 mA
Load Impedance	50
Operating Temperature	-40 to 85 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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