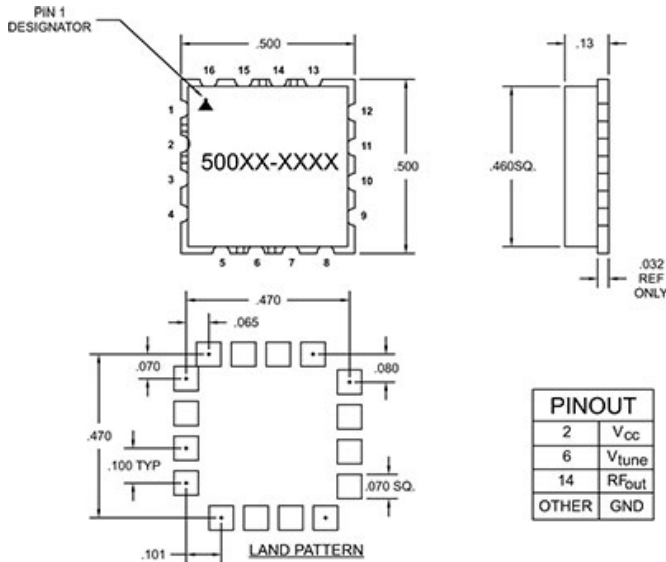


MW500-1201

3920 MHz to 4285 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	3920 MHz to 4285 MHz
Tuning Voltage	0.5/11 V
Power Output	3.5 +/- 1 dBm
Phase Noise	

10 kHz Offset -90 (typ) dBc/Hz
100 kHz Offset -110 (typ) dBc/Hz

Frequency Pushing	4 MHz/V
Frequency Pulling	30 MHz
Harmonic Suppression	-22 (MAX)

Operating Specifications

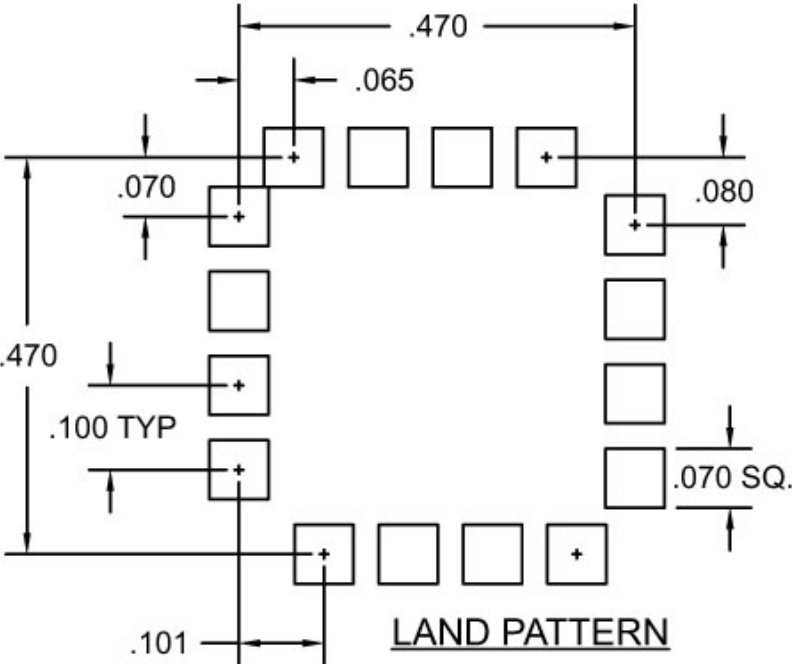
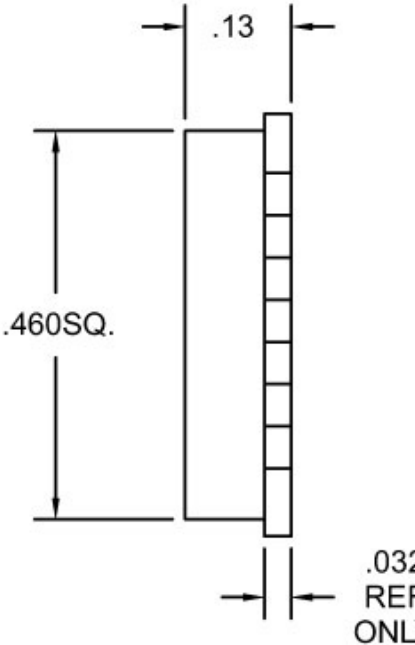
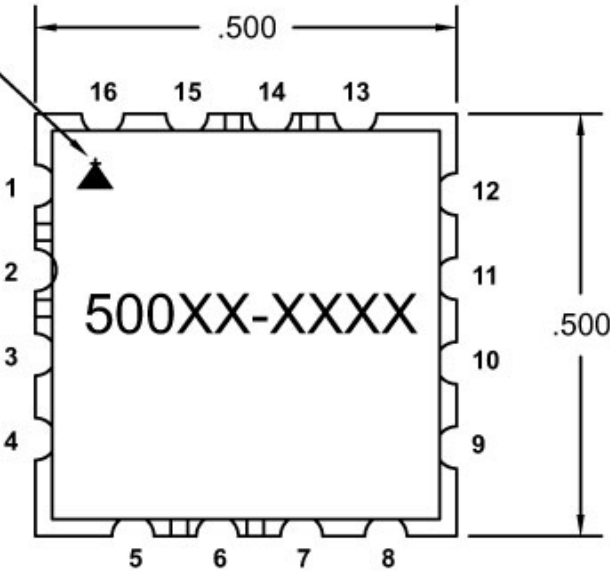
Supply Voltage	12 Vcc
Supply Current	35 mA
Load Impedance	50
Operating Temperature	-30 to 80 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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