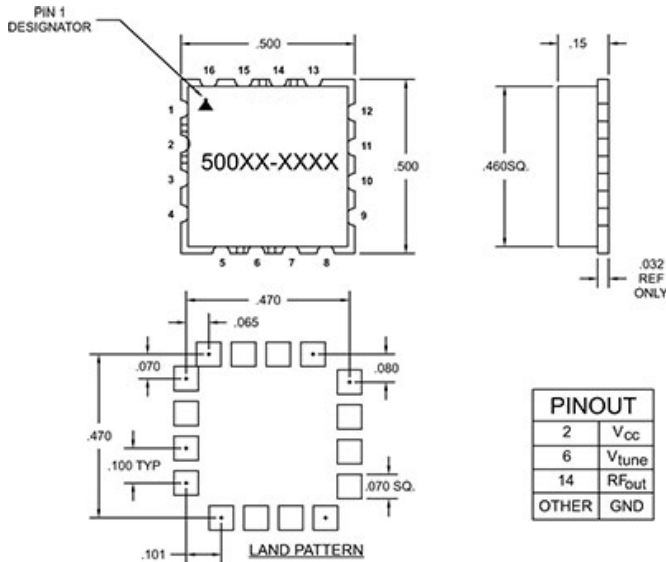


MW500-1581

1700 MHz to 2400 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	1700 MHz to 2400 MHz
Tuning Voltage	1/11 V
Power Output	6 +/- 1.5 dBm
Phase Noise	

10 kHz Offset -94 (typ) dBc/Hz
100 kHz Offset -116 (typ) dBc/Hz

Frequency Pushing	2 MHz/V
Frequency Pulling	12 MHz
Harmonic Suppression	-10 (MAX)

Operating Specifications

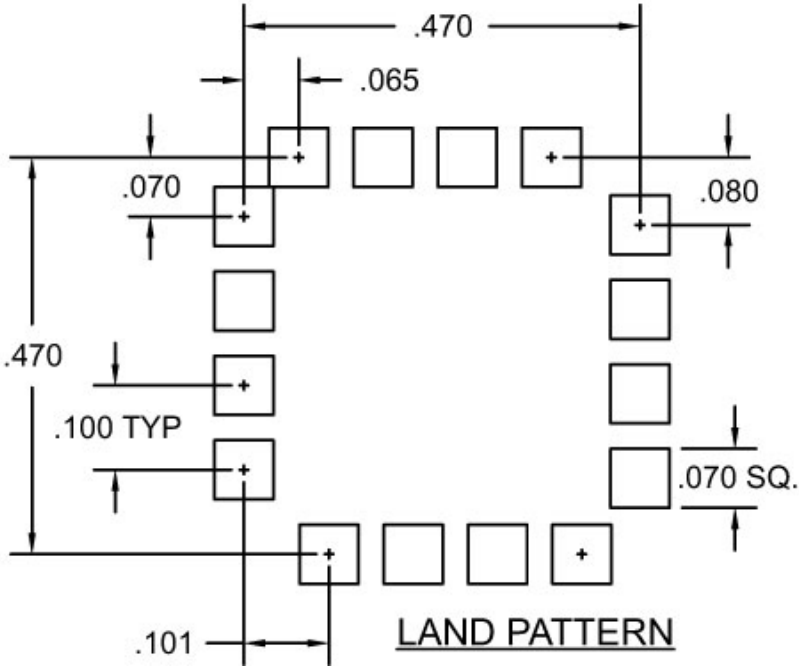
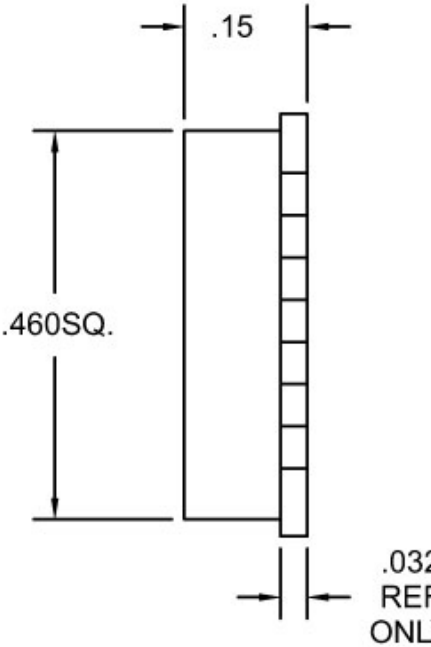
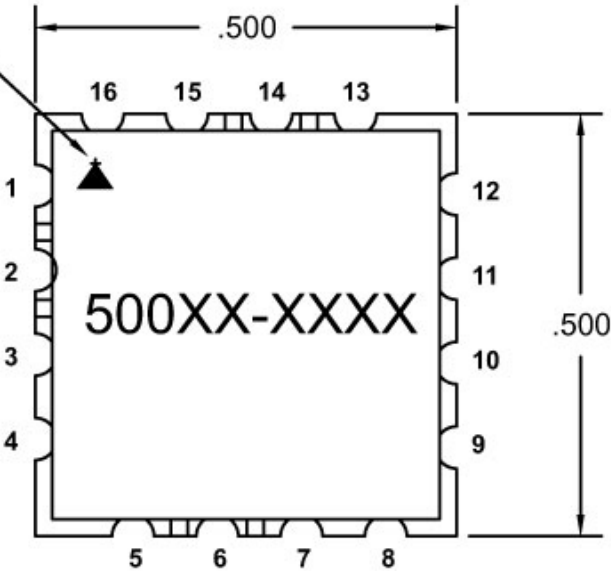
Supply Voltage	12 Vcc
Supply Current	25 mA
Load Impedance	50
Operating Temperature	-40 to 80 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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