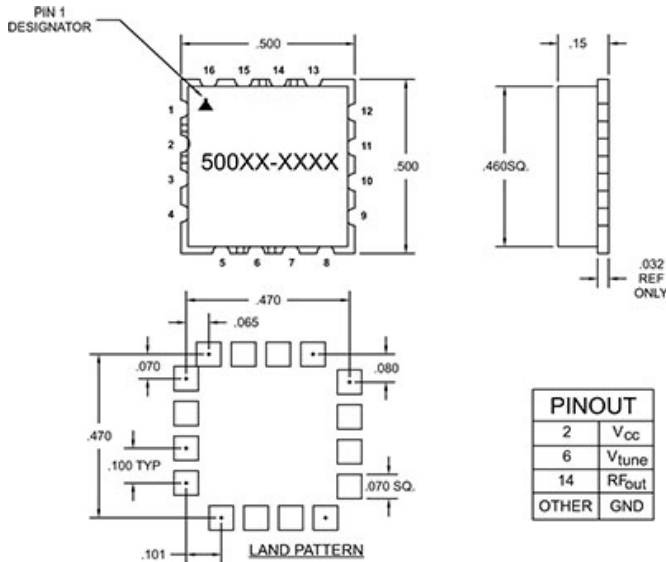


MW500-1583

2350 MHz to 2780 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	2350 MHz to 2780 MHz
Tuning Voltage	1/14 V
Power Output	7 +/- 2 dBm
Phase Noise	

10 kHz Offset -101 (typ) dBc/Hz

100 kHz Offset -122 (typ) dBc/Hz

Frequency Pushing 1 MHz/V

Frequency Pulling 10 MHz

Harmonic Suppression -12 (MAX)

Operating Specifications

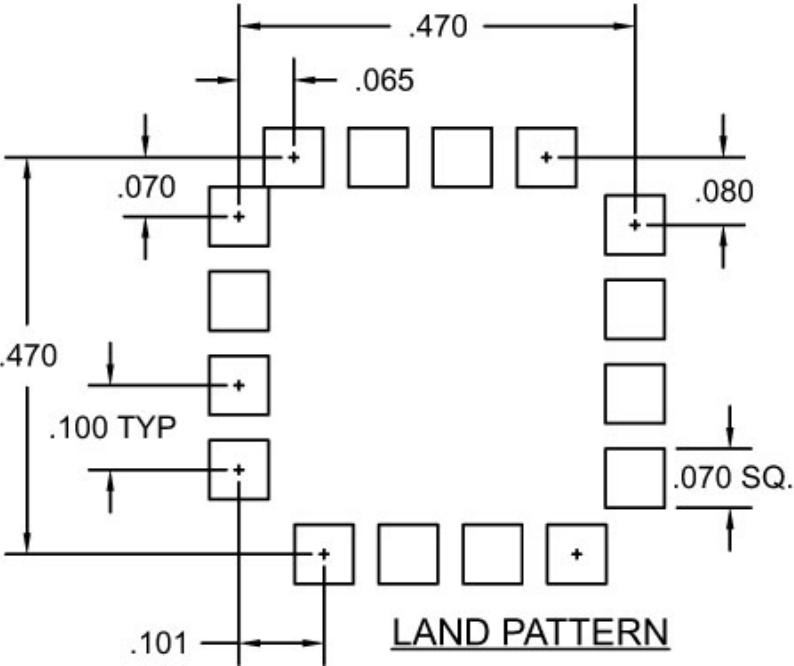
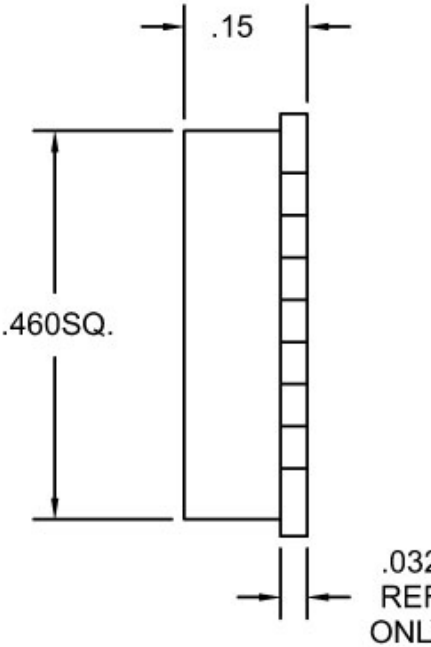
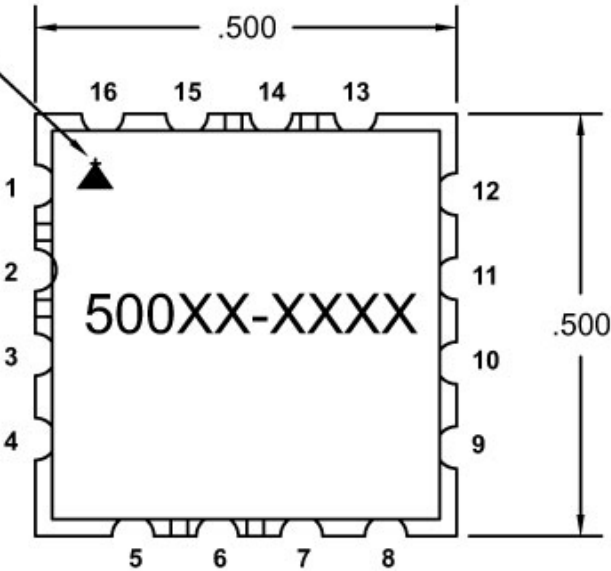
Supply Voltage	6 Vcc
Supply Current	30 mA
Load Impedance	50
Operating Temperature	-40 to 80 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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