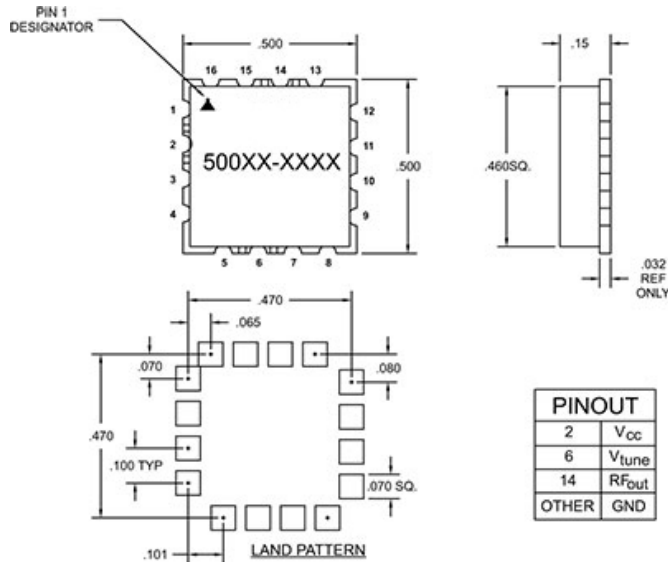


MW500-1596

800 MHz to 1600 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	800 MHz to 1600 MHz
Tuning Voltage	0/5 V
Power Output	6 +/- 3 dBm
Phase Noise	10 kHz Offset -93 (typ) dBc/Hz 100 kHz Offset -115 (typ) dBc/Hz
Frequency Pushing	20 MHz/V
Frequency Pulling	35 MHz
Harmonic Suppression	-8 (MAX)

Operating Specifications

Supply Voltage	5 Vcc
Supply Current	25 mA
Load Impedance	50
Operating Temperature	-40 to 80 °C

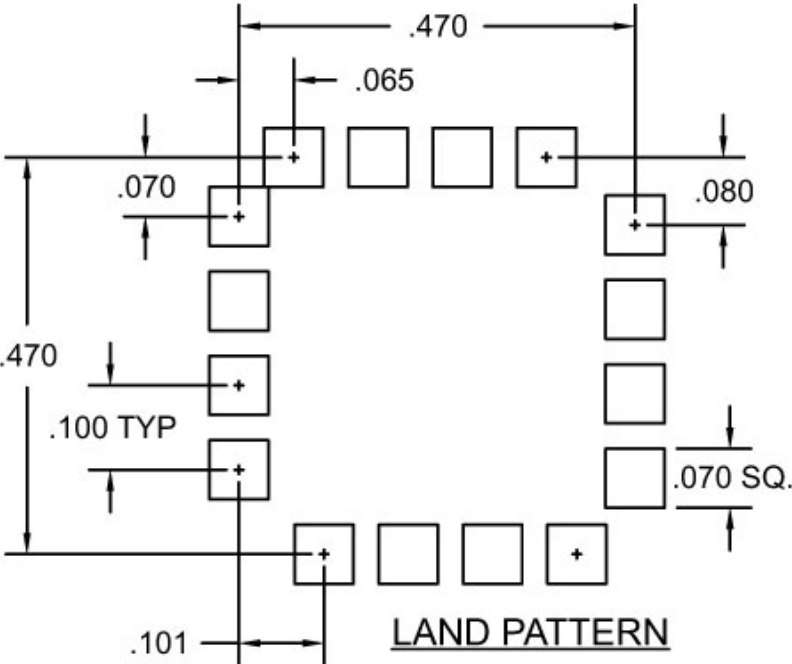
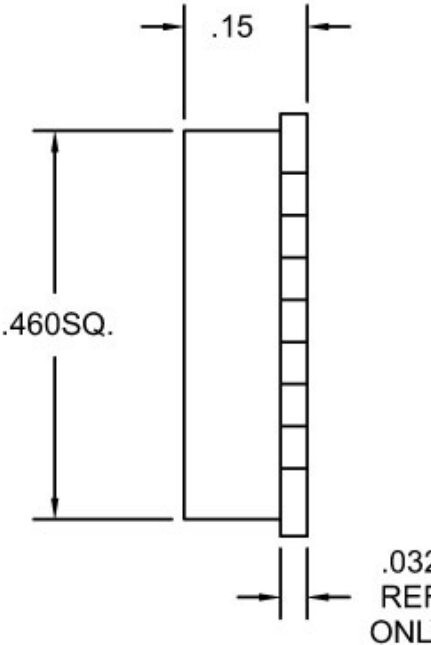
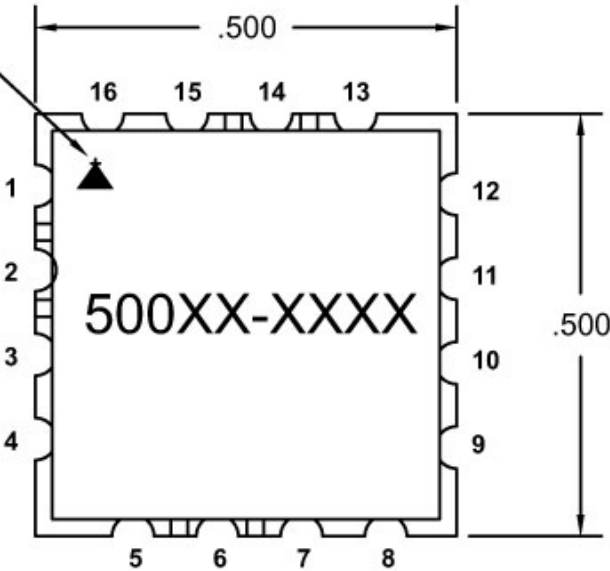
Notes

Kv approx. 200MHz per volt.



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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