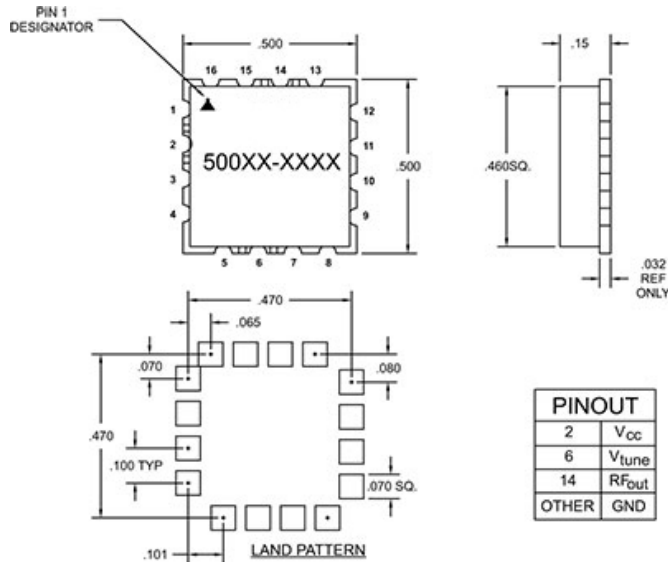


MW500-1213

800 MHz to 950 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	800 MHz to 950 MHz
Tuning Voltage	0.5/5 V
Power Output	1 +/- 2 dBm
Phase Noise	10 kHz Offset -100 (typ) dBc/Hz 100 kHz Offset -121 (typ) dBc/Hz
Frequency Pushing	4 MHz/V
Frequency Pulling	3 MHz
Harmonic Suppression	-15 (MAX)

Operating Specifications

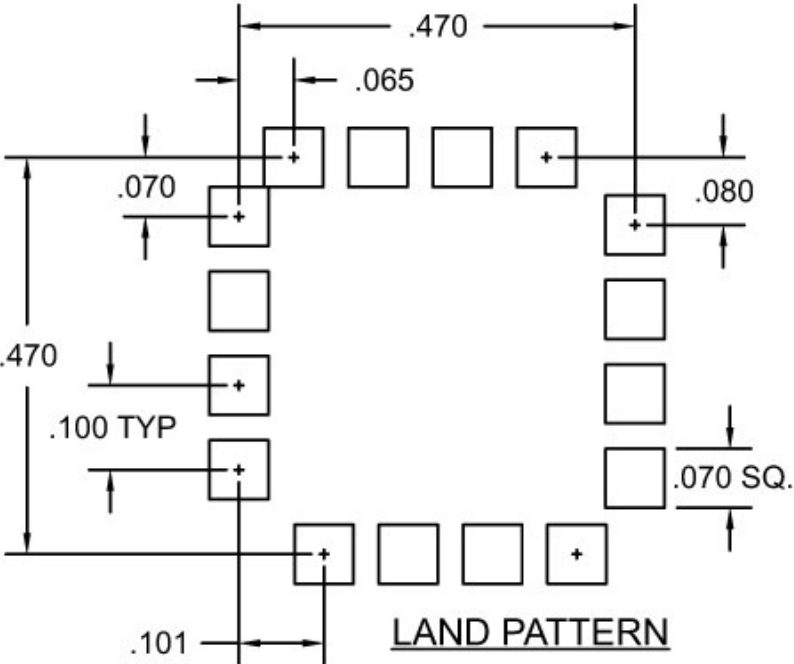
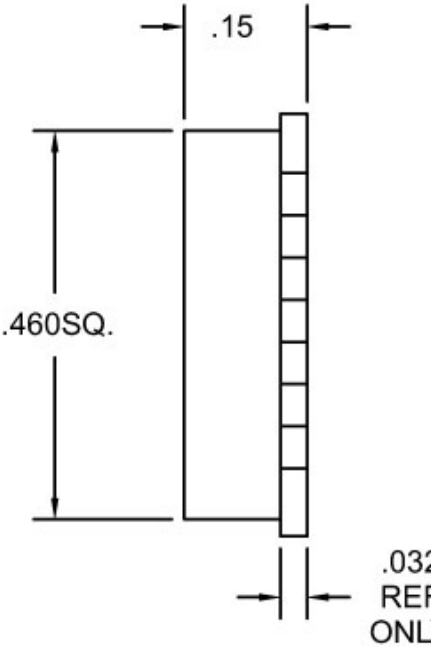
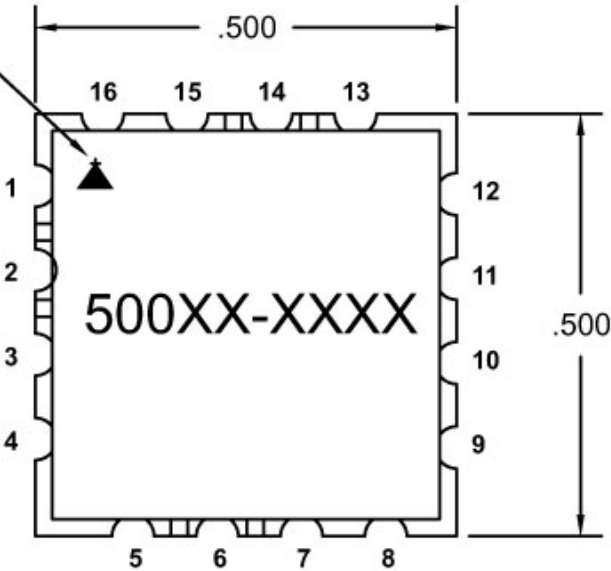
Supply Voltage	5 V _{cc}
Supply Current	35 mA
Load Impedance	50
Operating Temperature	-30 to 80 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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