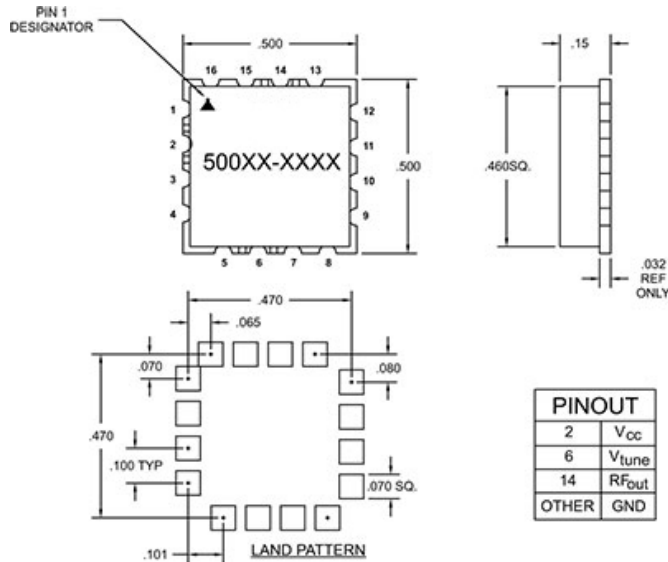


MW500-1713

3020 MHz to 3226 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	3020 MHz to 3226 MHz
Tuning Voltage	0.5/4.5 V
Power Output	5 +/- 2 dBm
Phase Noise	10 kHz Offset -94 (typ) dBc/Hz 100 kHz Offset -114 (typ) dBc/Hz
Frequency Pushing	3 MHz/V
Frequency Pulling	15 MHz
Harmonic Suppression	-25 (MAX)

Operating Specifications

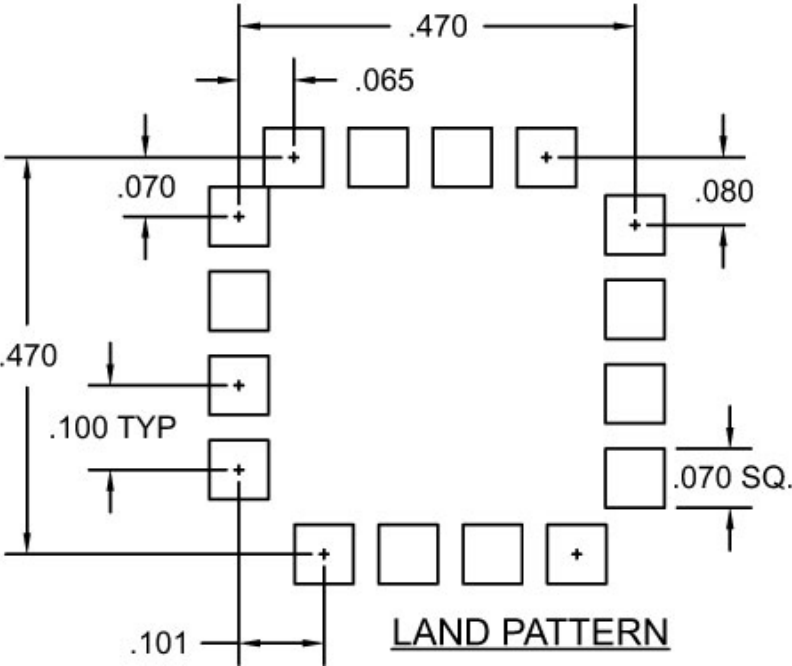
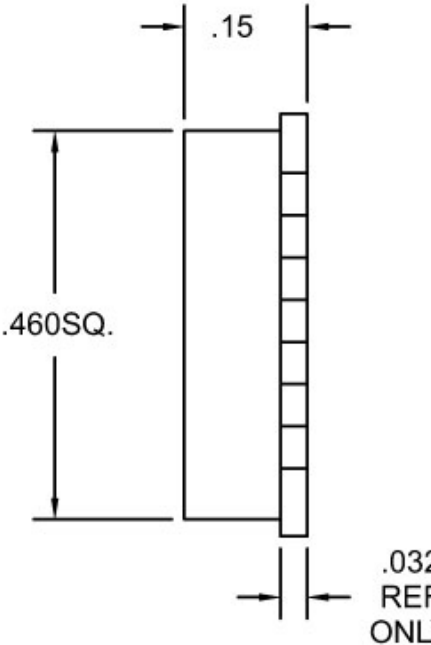
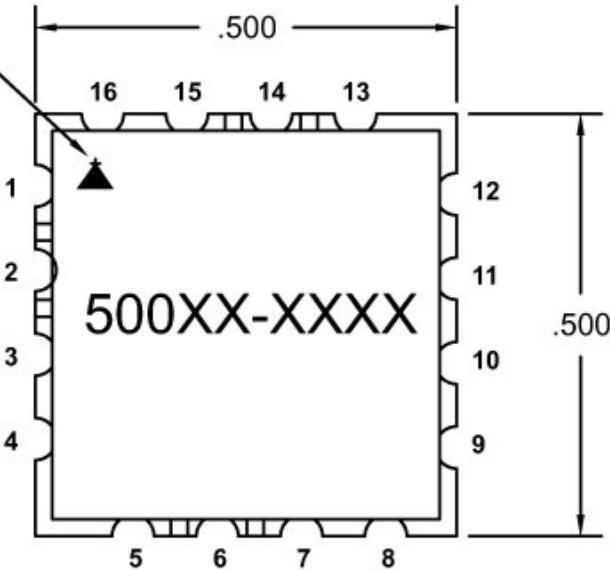
Supply Voltage	5 V _{cc}
Supply Current	35 mA
Load Impedance	50
Operating Temperature	-40 to 80 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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