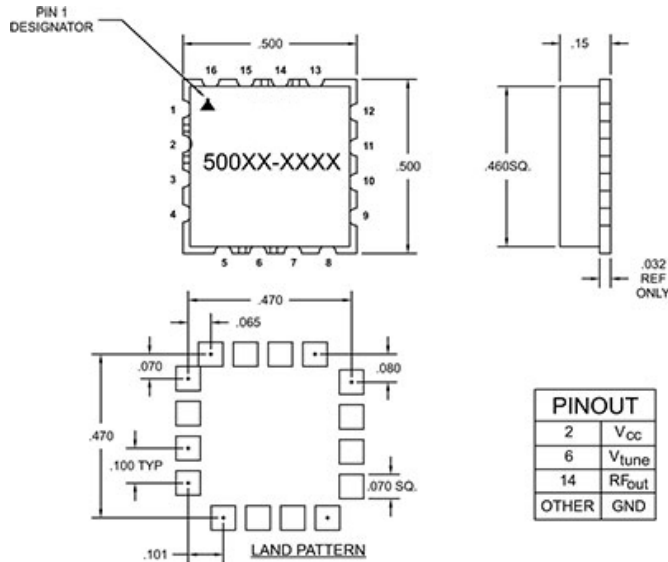


MW500-1512

330 MHz to 890 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	330 MHz to 890 MHz
Tuning Voltage	0.5/20 V
Power Output	6 +/- 2 dBm
Phase Noise	10 kHz Offset -97 (typ) dBc/Hz 100 kHz Offset -118 (typ) dBc/Hz
Frequency Pushing	3 MHz/V
Frequency Pulling	10 MHz
Harmonic Suppression	-4 (MAX)

Operating Specifications

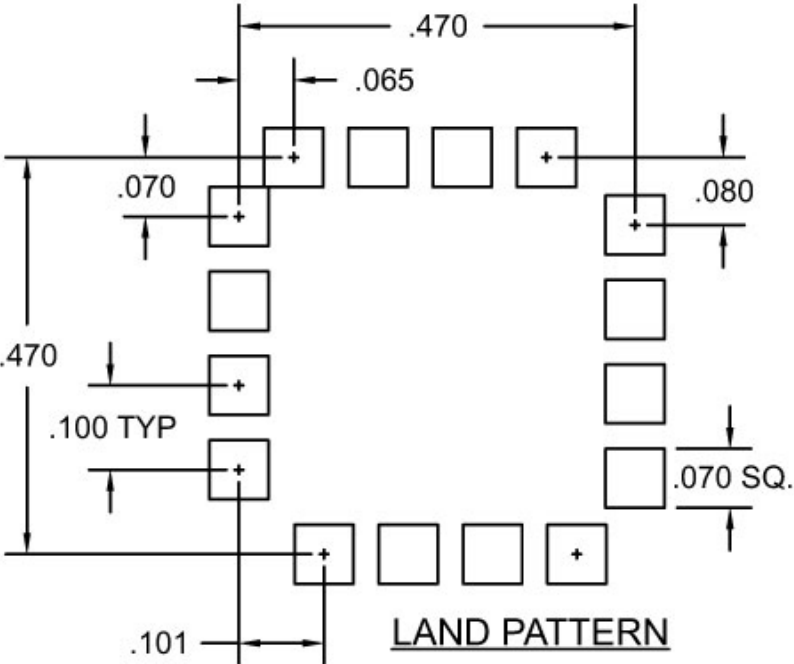
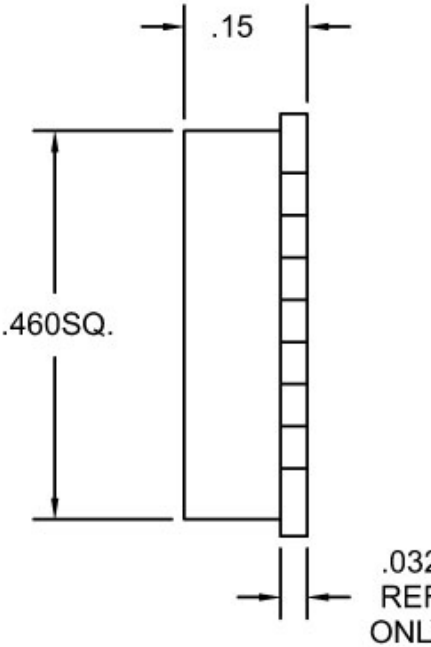
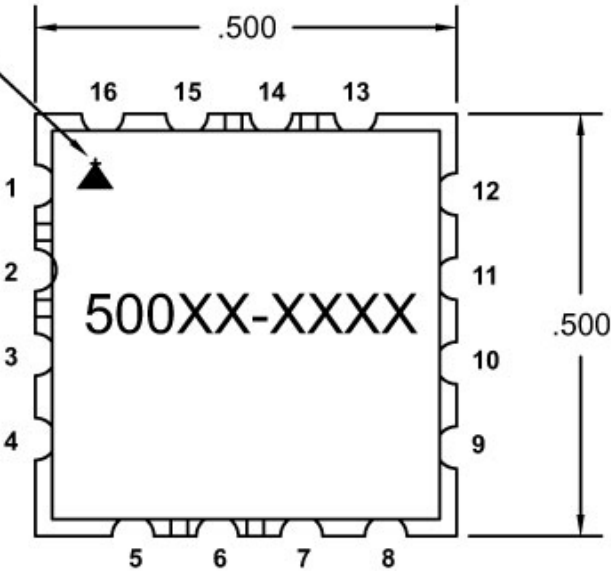
Supply Voltage	5 V _{cc}
Supply Current	30 mA
Load Impedance	50
Operating Temperature	-40 to 85 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



PINOUT	
2	V_{cc}
6	V_{tune}
14	RF_{out}
OTHER	GND