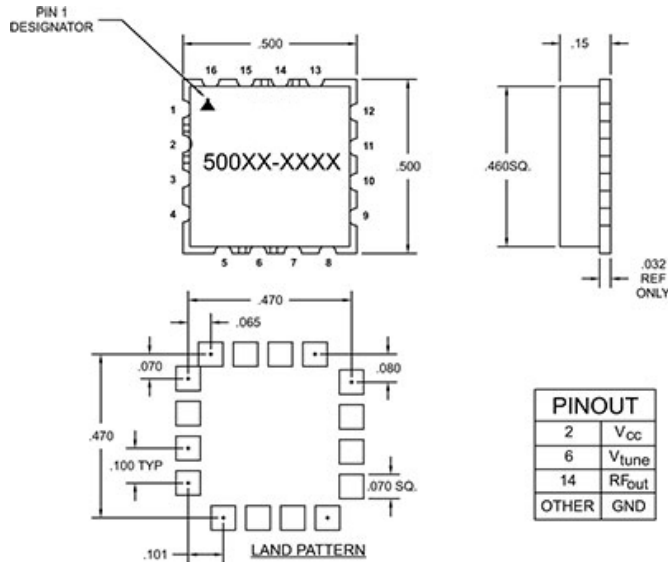


MW500-1425

4000 MHz to 5500 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	4000 MHz to 5500 MHz
Tuning Voltage	0.5/15 V
Power Output	7 +/- 2 dBm
Phase Noise	10 kHz Offset -85 (typ) dBc/Hz 100 kHz Offset -105 (typ) dBc/Hz
Frequency Pushing	5 MHz/V
Frequency Pulling	12 MHz
Harmonic Suppression	-12 (MAX)

Operating Specifications

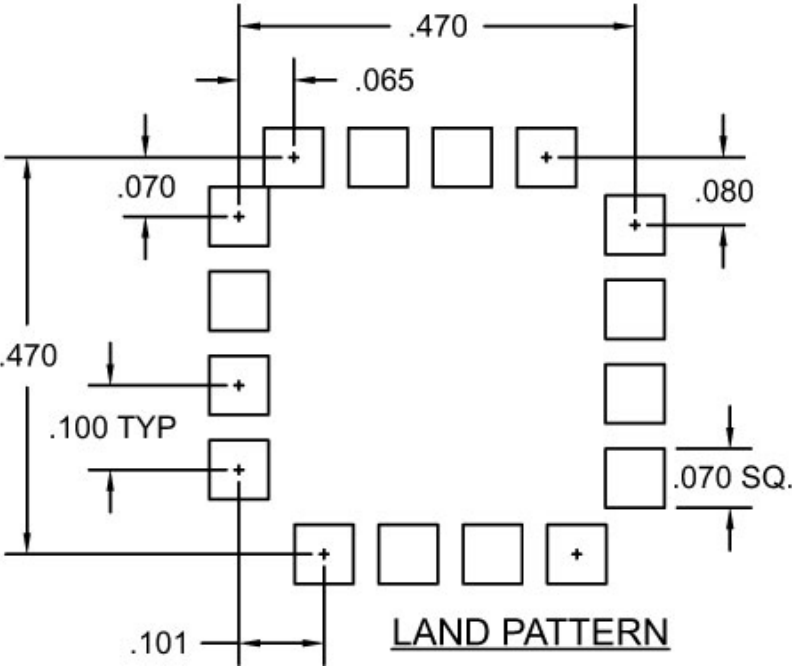
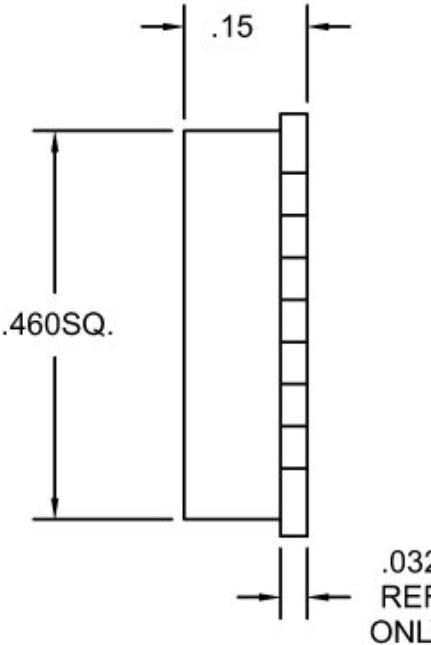
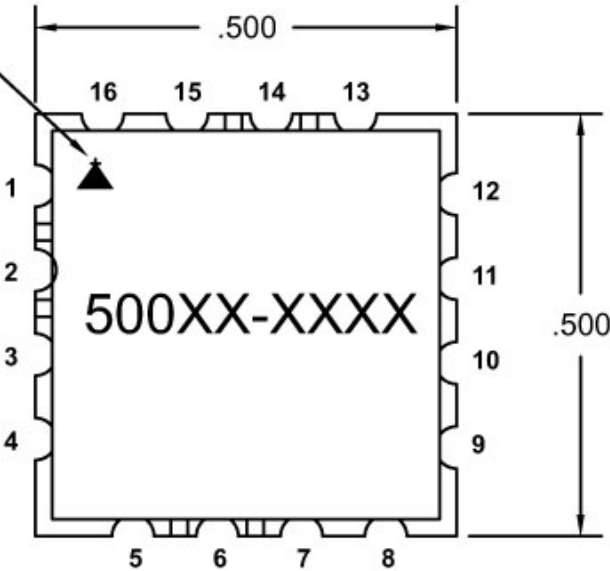
Supply Voltage	5 Vcc
Supply Current	45 mA
Load Impedance	50
Operating Temperature	-30 to 85 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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