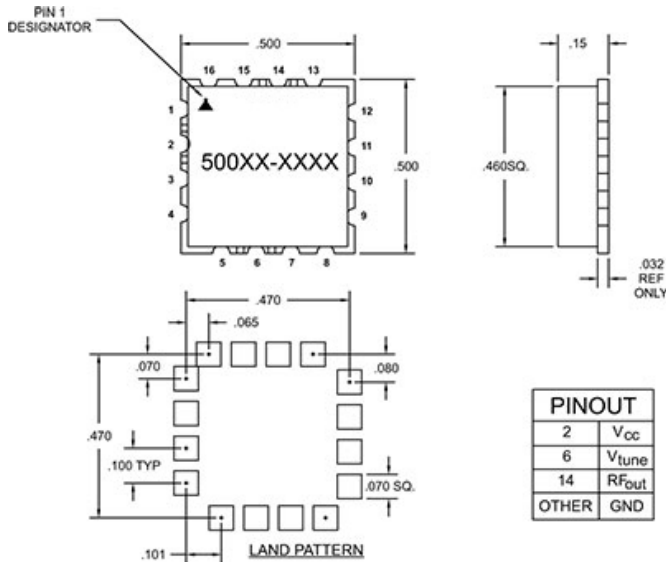


MW500-1432

380 MHz to 430 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	380 MHz to 430 MHz
Tuning Voltage	0.5/4.5 V
Power Output	5 +/- 1 dBm
Phase Noise	

10 kHz Offset -98 (typ) dBc/Hz
100 kHz Offset -118 (typ) dBc/Hz

Frequency Pushing	1 MHz/V
Frequency Pulling	5 MHz
Harmonic Suppression	-10 (MAX)

Operating Specifications

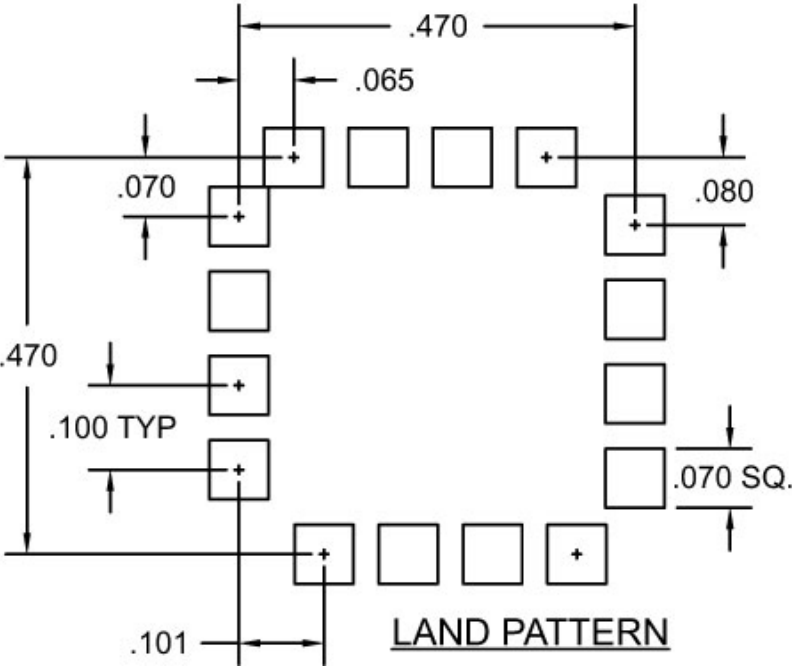
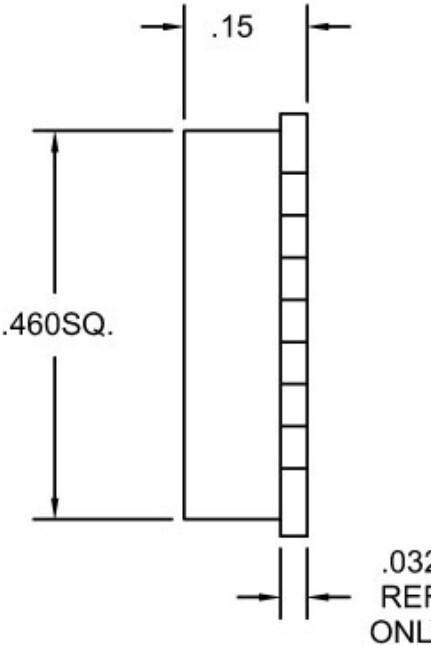
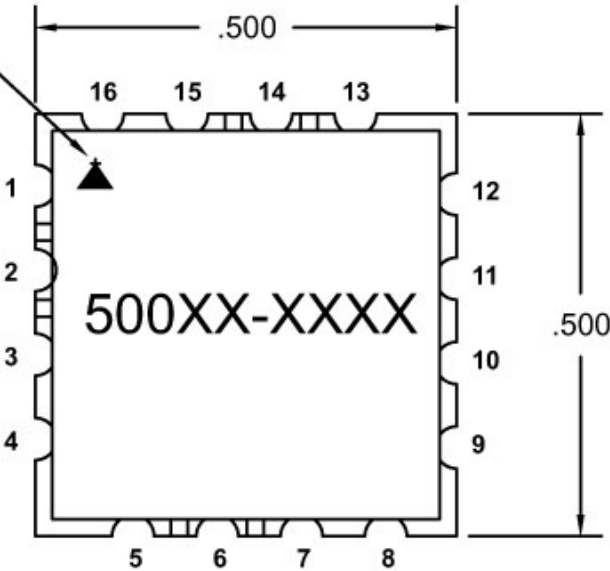
Supply Voltage	5 V _{cc}
Supply Current	20 mA
Load Impedance	50
Operating Temperature	-40 to 80 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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