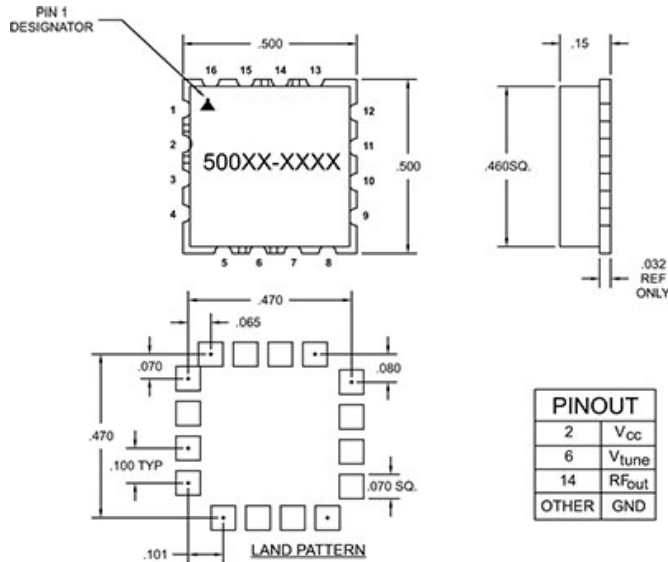


MW500-1217

1350 MHz to 1775 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	1350 MHz to 1775 MHz
Tuning Voltage	2.5/10 V
Power Output	7 +/- 2 dBm
Phase Noise	10 kHz Offset -95 (typ) dBc/Hz 100 kHz Offset -115 (typ) dBc/Hz
Frequency Pushing	10 MHz/V
Frequency Pulling	12 MHz
Harmonic Suppression	-15 (MAX)

Operating Specifications

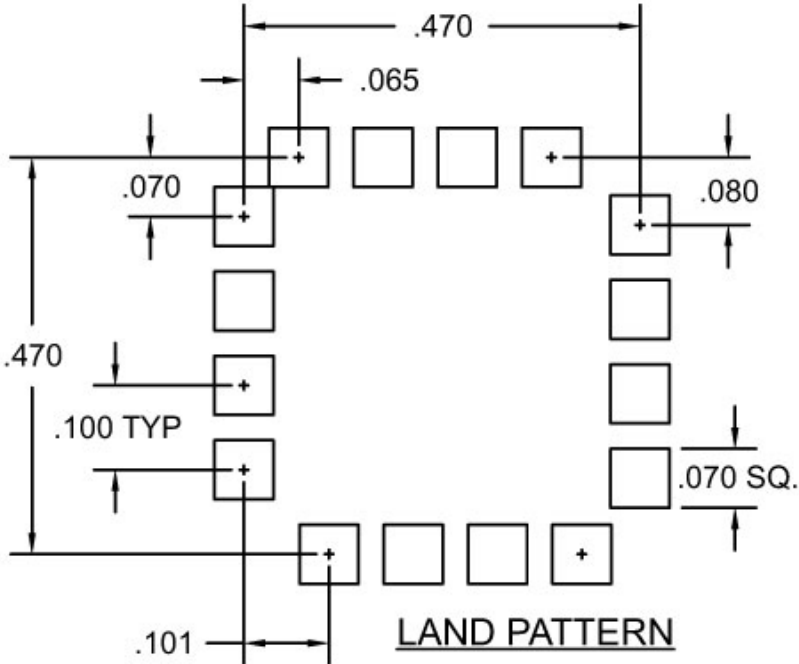
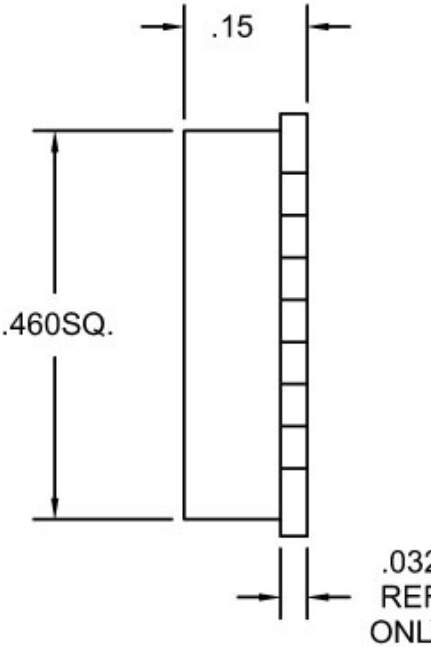
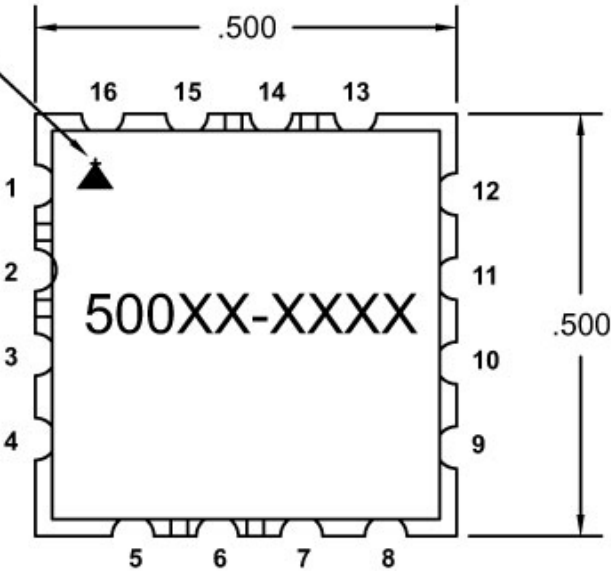
Supply Voltage	5 Vcc
Supply Current	35 mA
Load Impedance	50
Operating Temperature	-30 to 75 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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