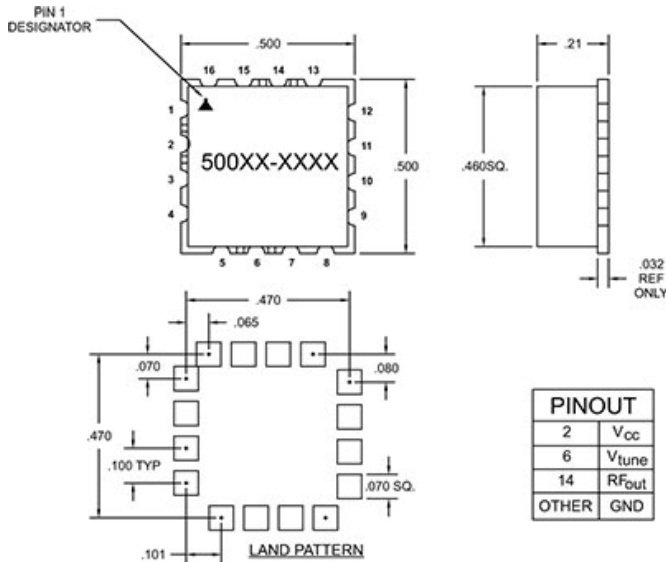


MW500-1087

1200 MHz to 1300 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	1200 MHz to 1300 MHz
Tuning Voltage	0.5/10 V
Power Output	8 +/- 1.5 dBm
Phase Noise	10 kHz Offset -108 (typ) dBc/Hz 100 kHz Offset -130 (typ) dBc/Hz
Frequency Pushing	2 MHz/V
Frequency Pulling	7 MHz
Harmonic Suppression	-8 (MAX)

Operating Specifications

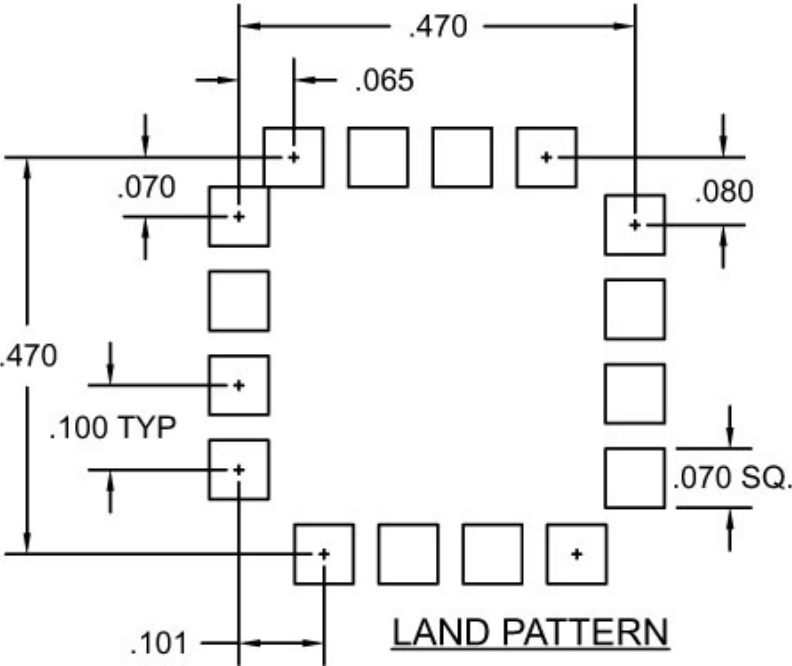
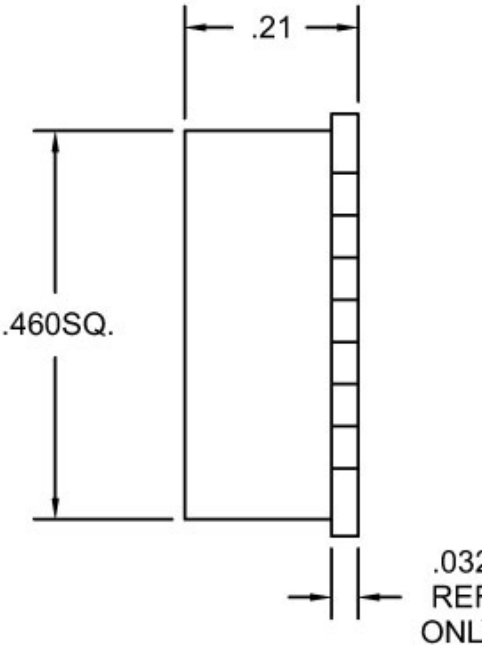
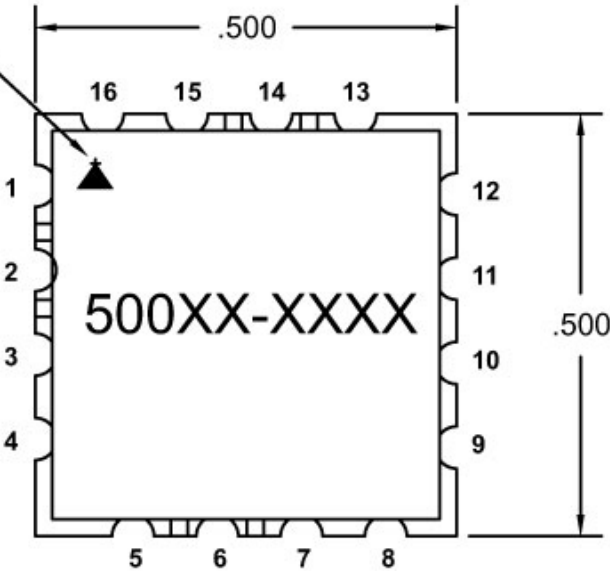
Supply Voltage	12 Vcc
Supply Current	30 mA
Load Impedance	50
Operating Temperature	-40 to 80 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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