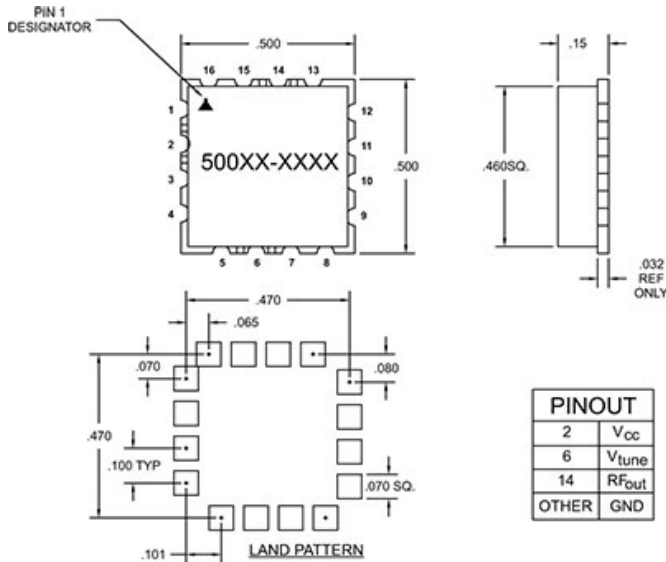


MW500-1706

2350 MHz to 4500 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	2350 MHz to 4500 MHz
Tuning Voltage	0.1/20 V
Power Output	0 +/- 4 dBm
Phase Noise	

10 kHz Offset -78 (typ) dBc/Hz

100 kHz Offset -100 (typ) dBc/Hz

Frequency Pushing	10 MHz/V
Frequency Pulling	25 MHz
Harmonic Suppression	-12 (MAX)

Operating Specifications

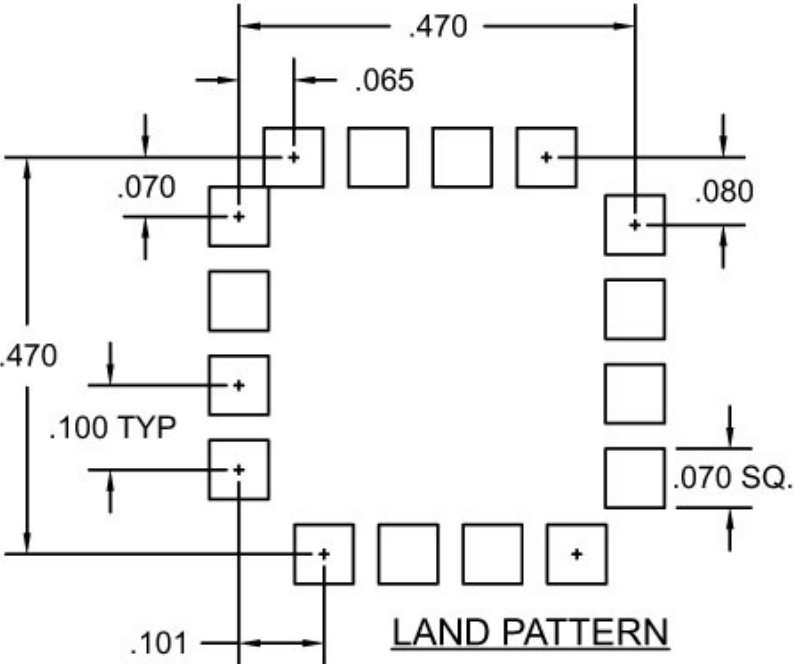
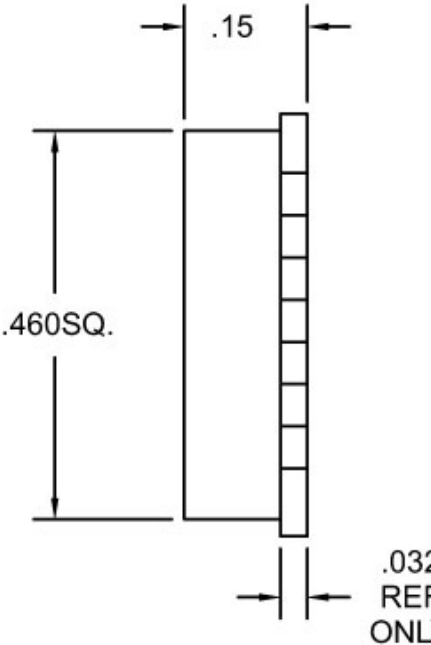
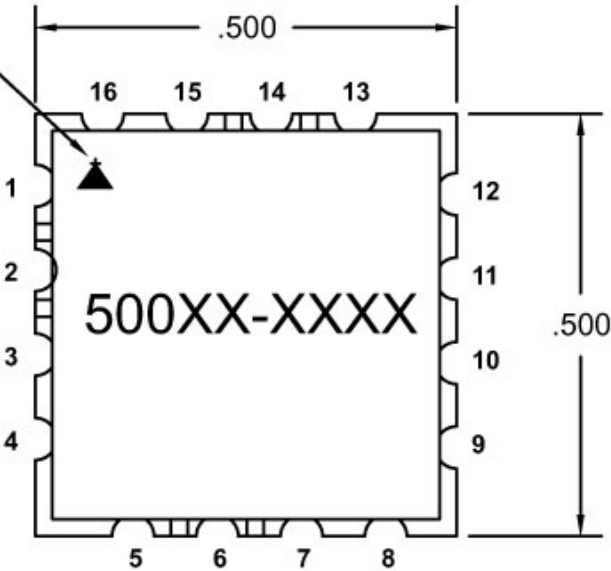
Supply Voltage	12 Vcc
Supply Current	15 mA
Load Impedance	50
Operating Temperature	-40 to 85 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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