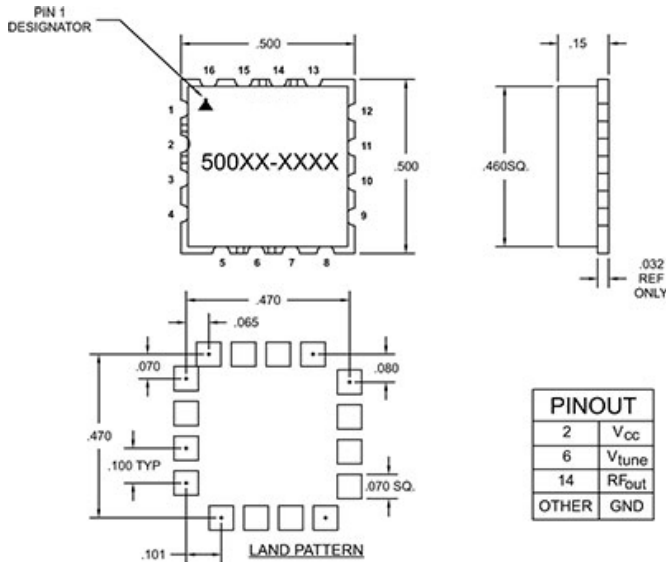


MW500-1440

4100 MHz to 5500 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	4100 MHz to 5500 MHz
Tuning Voltage	0/20 V
Power Output	2 +/- 3 dBm
Phase Noise	

10 kHz Offset -81 (typ) dBc/Hz
100 kHz Offset -103 (typ) dBc/Hz

Frequency Pushing	5 MHz/V
Frequency Pulling	15 MHz
Harmonic Suppression	-15 (MAX)

Operating Specifications

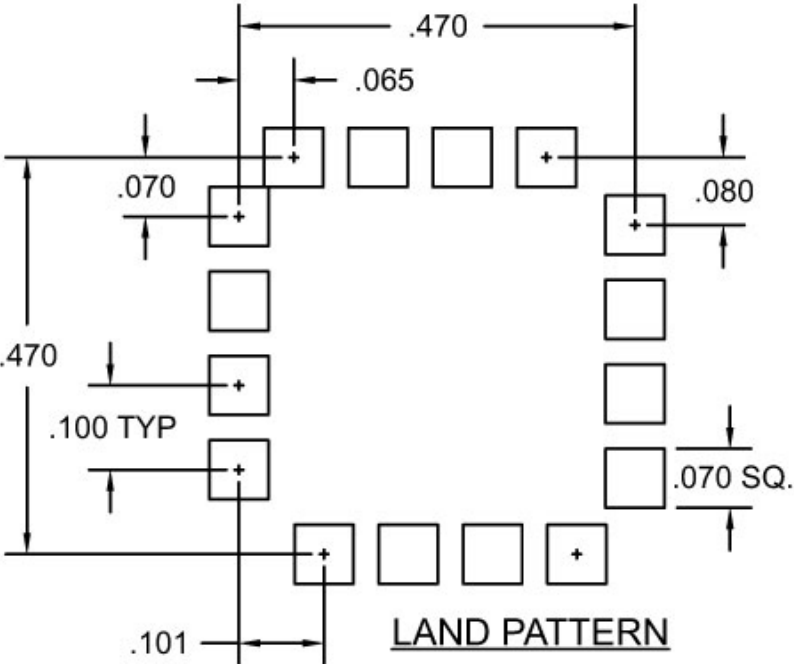
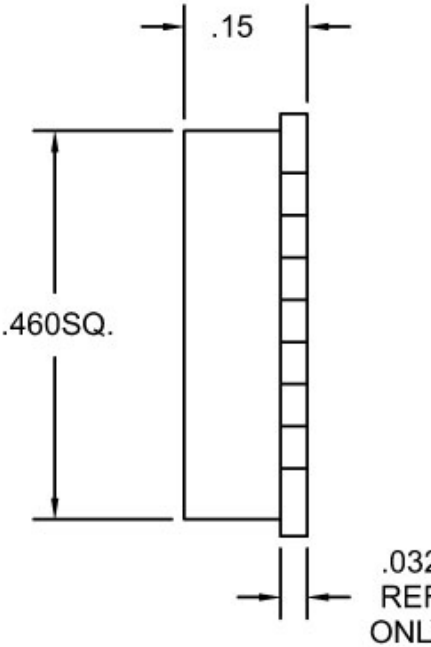
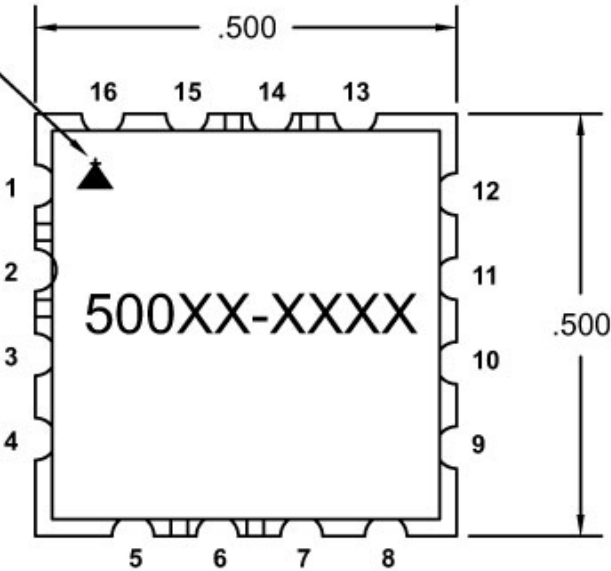
Supply Voltage	12 Vcc
Supply Current	25 mA
Load Impedance	50
Operating Temperature	-40 to 85 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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