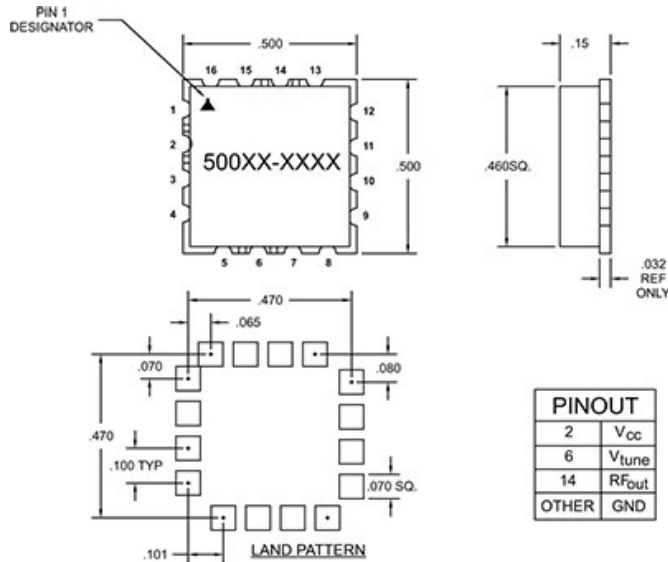


MW500-1724

1180 MHz to 2150 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	1180 MHz to 2150 MHz
Tuning Voltage	1/18 V
Power Output	6 +/- 3 dBm
Phase Noise	10 kHz Offset -95 (typ) dBc/Hz 100 kHz Offset -116 (typ) dBc/Hz
Frequency Pushing	7 MHz/V
Frequency Pulling	12 MHz
Harmonic Suppression	-12 (MAX)

Operating Specifications

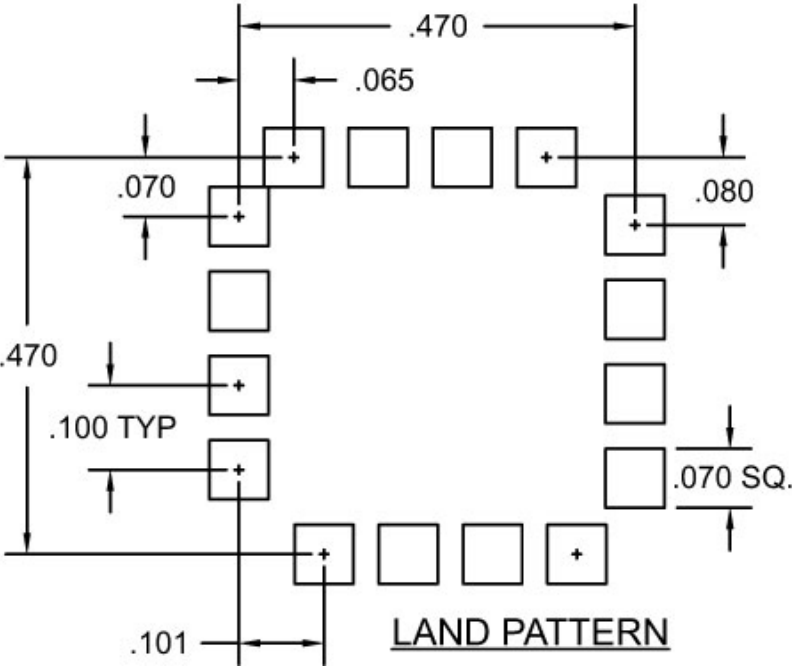
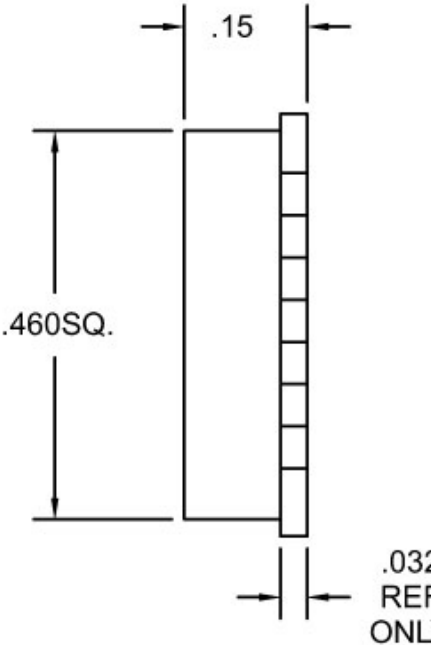
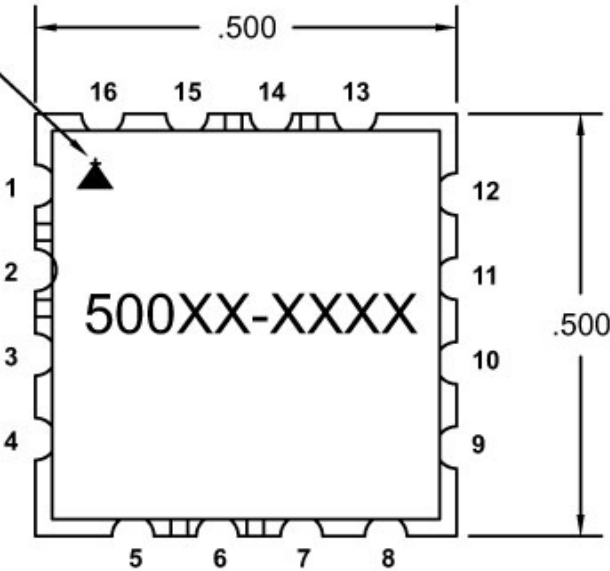
Supply Voltage	5 V _{cc}
Supply Current	35 mA
Load Impedance	50
Operating Temperature	-40 to 85 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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