

MW500-1310

4400 MHz to 5000 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	4400 MHz to 5000 MHz
Tuning Voltage	1/15 V
Power Output	7 +/- 2 dBm
Phase Noise	10 kHz Offset -85 (typ) dBc/Hz 100 kHz Offset -107 (typ) dBc/Hz
Frequency Pushing	3 MHz/V
Frequency Pulling	15 MHz
Harmonic Suppression	-35 (MAX)

Operating Specifications

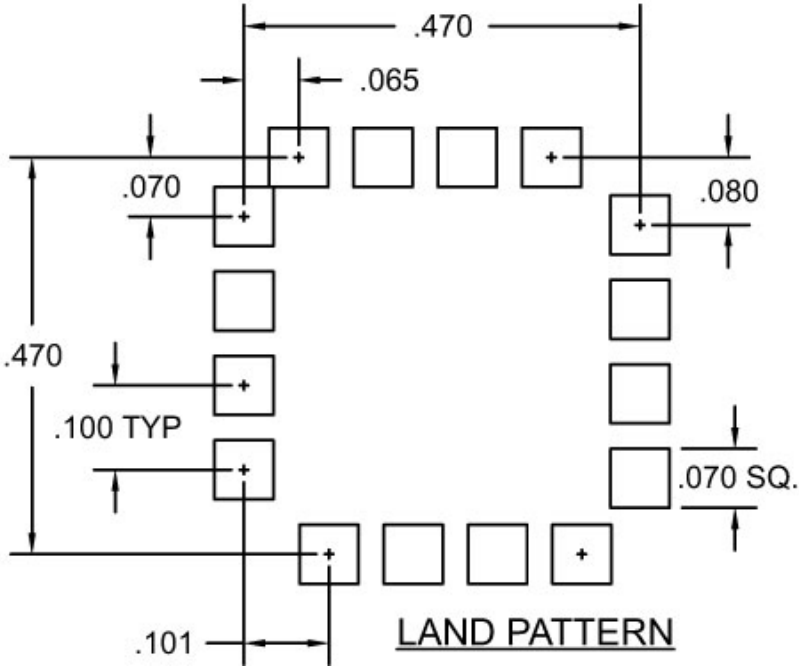
Supply Voltage	15 Vcc
Supply Current	40 mA
Load Impedance	50
Operating Temperature	-30 to 75 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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