

MW500-1554

2300 MHz to 3100 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	2300 MHz to 3100 MHz
Tuning Voltage	0.5/11 V
Power Output	2 +/- 2 dBm
Phase Noise	10 kHz Offset -90 (typ) dBc/Hz 100 kHz Offset -112 (typ) dBc/Hz
Frequency Pushing	2 MHz/V
Frequency Pulling	5 MHz
Harmonic Suppression	-10 (MAX)

Operating Specifications

Supply Voltage	10 Vcc
Supply Current	40 mA
Load Impedance	50
Operating Temperature	-40 to 85 °C

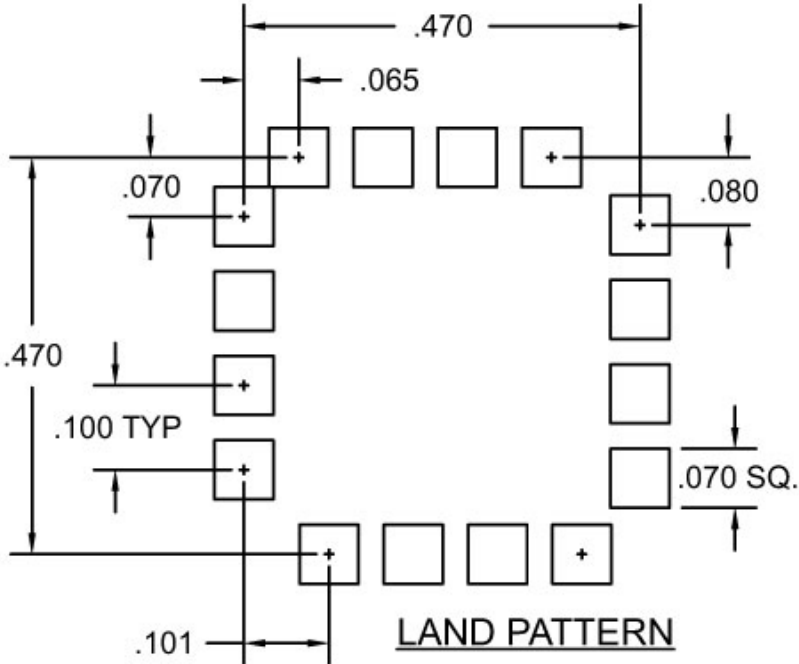
Notes

TUNING SENSITIVITY IN OPERATING BAND OF 2480-2940 MHz OVER TEMPERATURE TO BE 110 TO 200 MHz PER VOLT. TUNING PORT CAPACITANCE TO BE 13pF TYP. @ MIN 20pF MAXIMUM.



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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