

MW500-1131

2400 MHz to 3400 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	2400 MHz to 3400 MHz
Tuning Voltage	0.5/18 V
Power Output	9 +/- 3 dBm
Phase Noise	

10 kHz Offset -90 (typ) dBc/Hz

100 kHz Offset -112 (typ) dBc/Hz

Frequency Pushing 1 MHz/V

Frequency Pulling 50 MHz

Harmonic Suppression -20 (MAX)

Operating Specifications

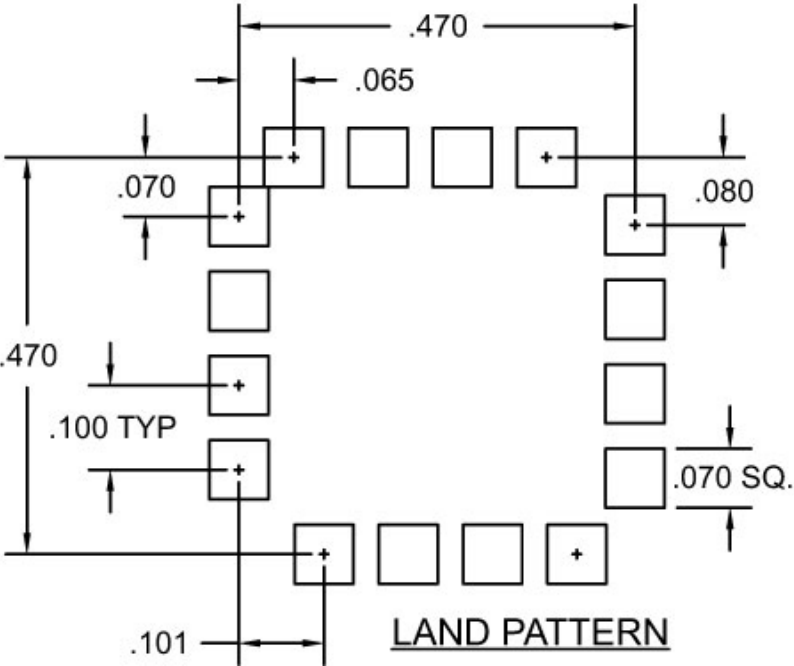
Supply Voltage	5 V _{cc}
Supply Current	35 mA
Load Impedance	50
Operating Temperature	-30 to 75 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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