

MW500-1215

100 MHz to 100 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	100 MHz to 100 MHz
Tuning Voltage	2/3 V
Power Output	5 +/- 2 dBm
Phase Noise	10 kHz Offset -120 (typ) dBc/Hz 100 kHz Offset -145 (typ) dBc/Hz
Frequency Pushing	1 MHz/V
Frequency Pulling	1 MHz
Harmonic Suppression	-7 (MAX)

Operating Specifications

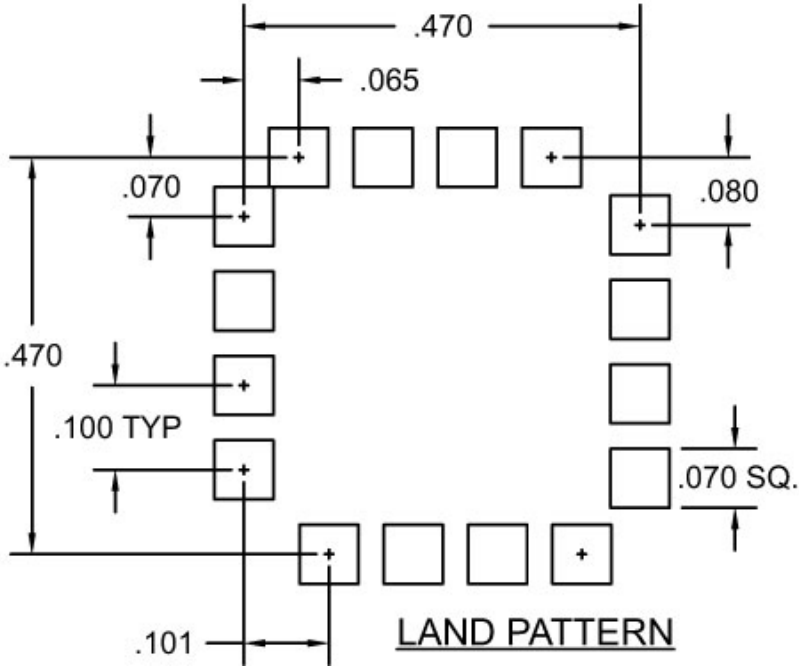
Supply Voltage	12 Vcc
Supply Current	35 mA
Load Impedance	50
Operating Temperature	-30 to 75 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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