

MW500-1108

700 MHz to 730 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	700 MHz to 730 MHz
Tuning Voltage	0.5/4.5 V
Power Output	0 +/- 1 dBm
Phase Noise	10 kHz Offset -110 (typ) dBc/Hz 100 kHz Offset -131 (typ) dBc/Hz
Frequency Pushing	1 MHz/V
Frequency Pulling	1 MHz
Harmonic Suppression	-15 (MAX)

Operating Specifications

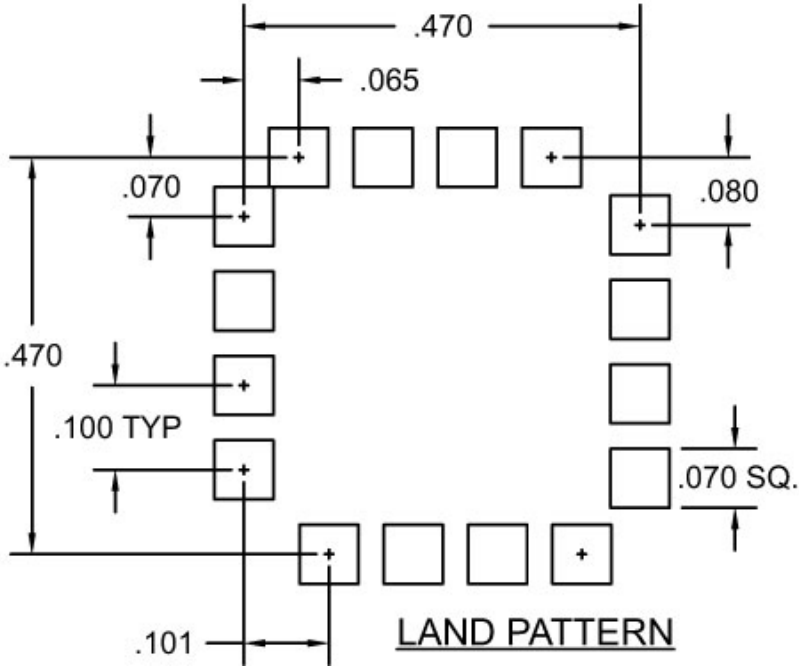
Supply Voltage	3 V _{cc}
Supply Current	15 mA
Load Impedance	50
Operating Temperature	-40 to 80 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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