

MW500-1099

1800 MHz to 2200 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	1800 MHz to 2200 MHz
Tuning Voltage	1/8 V
Power Output	9 +/- 2 dBm
Phase Noise	

10 kHz Offset -92 (typ) dBc/Hz

100 kHz Offset -116 (typ) dBc/Hz

Frequency Pushing	2 MHz/V
Frequency Pulling	16 MHz
Harmonic Suppression	-12 (MAX)

Operating Specifications

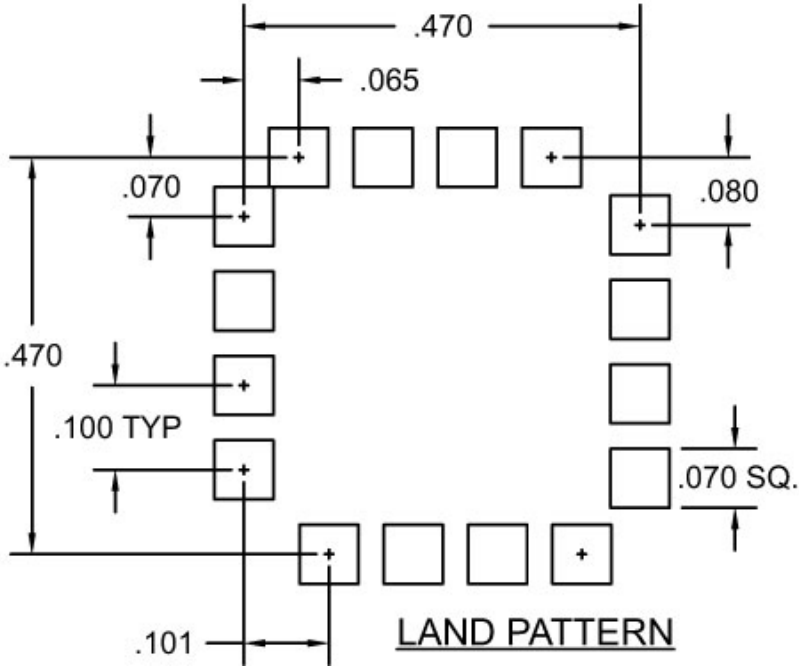
Supply Voltage	10 Vcc
Supply Current	35 mA
Load Impedance	50
Operating Temperature	-40 to 80 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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