

MW500-1349

1600 MHz to 2500 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	1600 MHz to 2500 MHz
Tuning Voltage	0.5/14 V
Power Output	6.5 +/- 2 dBm
Phase Noise	10 kHz Offset -90 (typ) dBc/Hz 100 kHz Offset -113 (typ) dBc/Hz
Frequency Pushing	7 MHz/V
Frequency Pulling	20 MHz
Harmonic Suppression	-8 (MAX)

Operating Specifications

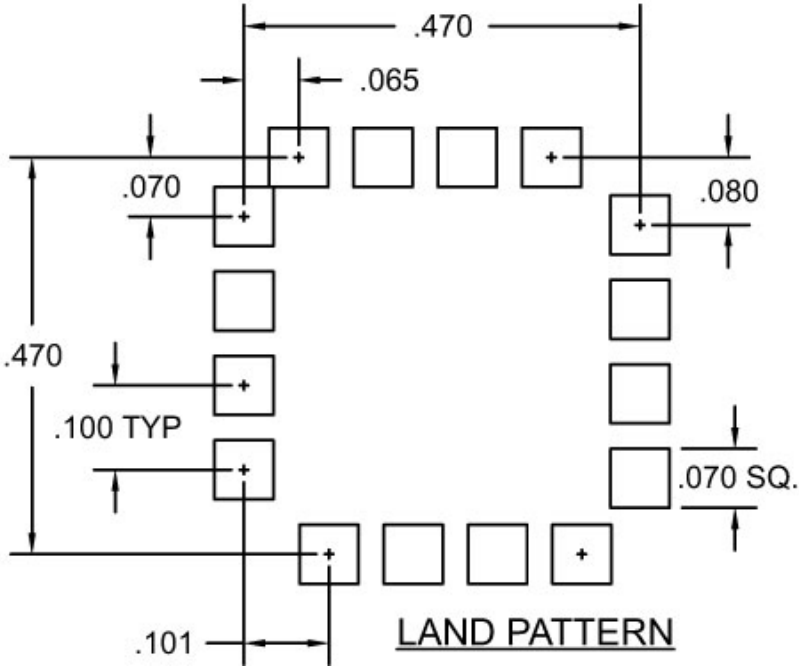
Supply Voltage	12 Vcc
Supply Current	25 mA
Load Impedance	50
Operating Temperature	-40 to 85 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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