

MW500-1240

4500 MHz to 6000 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	4500 MHz to 6000 MHz
Tuning Voltage	0.5/20 V
Power Output	4 +/- 2 dBm
Phase Noise	

10 kHz Offset -83 (typ) dBc/Hz
100 kHz Offset -105 (typ) dBc/Hz

Frequency Pushing	10 MHz/V
Frequency Pulling	45 MHz
Harmonic Suppression	-15 (MAX)

Operating Specifications

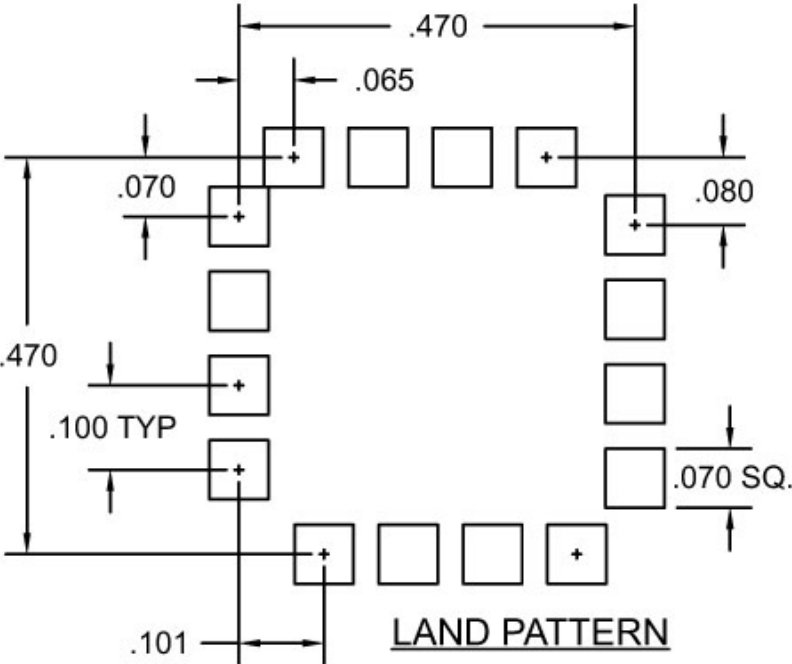
Supply Voltage	12 Vcc
Supply Current	35 mA
Load Impedance	50
Operating Temperature	-20 to 75 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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