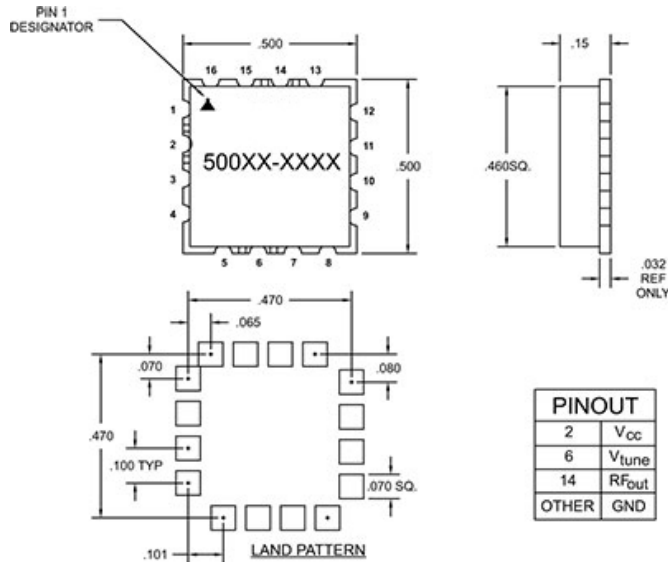


MW500-1242

800 MHz to 1700 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	800 MHz to 1700 MHz
Tuning Voltage	0.5/18 V
Power Output	6 +/- 1 dBm
Phase Noise	10 kHz Offset -100 (typ) dBc/Hz 100 kHz Offset -122 (typ) dBc/Hz
Frequency Pushing	1 MHz/V
Frequency Pulling	10 MHz
Harmonic Suppression	-8 (MAX)

Operating Specifications

Supply Voltage	12 Vcc
Supply Current	30 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