

MW500-1414

1950 MHz to 3450 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	1950 MHz to 3450 MHz
Tuning Voltage	0.5/13 V
Power Output	10 +/- 2 dBm
Phase Noise	10 kHz Offset -85 (typ) dBc/Hz 100 kHz Offset -105 (typ) dBc/Hz
Frequency Pushing	5 MHz/V
Frequency Pulling	12 MHz
Harmonic Suppression	-14 (MAX)

Operating Specifications

Supply Voltage	6.5 V _{cc}
Supply Current	40 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