

MW500-1709

1800 MHz to 3800 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	1800 MHz to 3800 MHz
Tuning Voltage	0/20 V
Power Output	10 +/- 4 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	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