

MW500-1204

1600 MHz to 3200 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	1600 MHz to 3200 MHz
Tuning Voltage	0.5/18 V
Power Output	7 +/- 2 dBm
Phase Noise	

10 kHz Offset -96 (typ) dBc/Hz
100 kHz Offset -119 (typ) dBc/Hz

Frequency Pushing	2 MHz/V
Frequency Pulling	18 MHz
Harmonic Suppression	-15 (MAX)

Operating Specifications

Supply Voltage	9 V _{cc}
Supply Current	40 mA
Load Impedance	50
Operating Temperature	-30 to 75 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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