

MW500-1603

200 MHz to 400 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	200 MHz to 400 MHz
Tuning Voltage	0.5/15 V
Power Output	11 +/- 2 dBm
Phase Noise	10 kHz Offset -103 (typ) dBc/Hz 100 kHz Offset -125 (typ) dBc/Hz
Frequency Pushing	10 MHz/V
Frequency Pulling	15 MHz
Harmonic Suppression	-6 (MAX)

Operating Specifications

Supply Voltage	5 V _{cc}
Supply Current	35 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