

MW500-1122

400 MHz to 430 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	400 MHz to 430 MHz
Tuning Voltage	0.5/4.5 V
Power Output	0 +/- 1 dBm
Phase Noise	10 kHz Offset -109 (typ) dBc/Hz 100 kHz Offset -128 (typ) dBc/Hz
Frequency Pushing	1 MHz/V
Frequency Pulling	2 MHz
Harmonic Suppression	-25 (MAX)

Operating Specifications

Supply Voltage	3 V _{cc}
Supply Current	5 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