

MW500-1301

2200 MHz to 2500 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	2200 MHz to 2500 MHz
Tuning Voltage	0.5/4.5 V
Power Output	8 +/- 2 dBm
Phase Noise	10 kHz Offset -99 (typ) dBc/Hz 100 kHz Offset -121 (typ) dBc/Hz
Frequency Pushing	3 MHz/V
Frequency Pulling	5 MHz
Harmonic Suppression	-15 (MAX)

Operating Specifications

Supply Voltage	5 V _{cc}
Supply Current	40 mA
Load Impedance	50
Operating Temperature	-30 to 75 °C

Notes

CHANGED THE SUPPLY CURENT FROM <30 ON 6/25/06



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



PINOUT	
2	V _{cc}
6	V _{tune}
14	RF _{out}
OTHER	GND