

MW500-1398

2000 MHz to 2500 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	2000 MHz to 2500 MHz
Tuning Voltage	1/8 V
Power Output	4.5 +/- 1.5 dBm
Phase Noise	10 kHz Offset -96 (typ) dBc/Hz 100 kHz Offset -116 (typ) dBc/Hz
Frequency Pushing	2 MHz/V
Frequency Pulling	15 MHz
Harmonic Suppression	-10 (MAX)

Operating Specifications

Supply Voltage	10 Vcc
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