

MW500-1406

2300 MHz to 3650 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	2300 MHz to 3650 MHz
Tuning Voltage	0.5/15 V
Power Output	5 +/- 2 dBm
Phase Noise	

10 kHz Offset -90 (typ) dBc/Hz
100 kHz Offset -110 (typ) dBc/Hz

Frequency Pushing	3 MHz/V
Frequency Pulling	7 MHz
Harmonic Suppression	-15 (MAX)

Operating Specifications

Supply Voltage	5 V _{cc}
Supply Current	35 mA
Load Impedance	50
Operating Temperature	-35 to 75 °C

Notes

PHASE NOISE WILL BE -150TYP AT 10MHZ OFFSET



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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