

MW500-1321

1050 MHz to 1870 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	1050 MHz to 1870 MHz
Tuning Voltage	0.5/12.5 V
Power Output	7 +/- 2 dBm
Phase Noise	

10 kHz Offset -95 (typ) dBc/Hz
100 kHz Offset -117 (typ) dBc/Hz

Frequency Pushing	1 MHz/V
Frequency Pulling	12 MHz
Harmonic Suppression	-7 (MAX)

Operating Specifications

Supply Voltage	10 Vcc
Supply Current	35 mA
Load Impedance	50
Operating Temperature	-30 to 75 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



PINOUT	
2	V_{cc}
6	V_{tune}
14	RF_{out}
OTHER	GND