

MW500-1173

1900 MHz to 2850 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	1900 MHz to 2850 MHz
Tuning Voltage	0.5/15 V
Power Output	5 +/- 1.5 dBm
Phase Noise	

10 kHz Offset -96 (typ) dBc/Hz
100 kHz Offset -118 (typ) dBc/Hz

Frequency Pushing	10 MHz/V
Frequency Pulling	15 MHz
Harmonic Suppression	-6 (MAX)

Operating Specifications

Supply Voltage	12 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