

MW500-1415

2100 MHz to 3450 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	2100 MHz to 3450 MHz
Tuning Voltage	0.5/18 V
Power Output	5 +/- 1.5 dBm
Phase Noise	

10 kHz Offset -85 (typ) dBc/Hz
100 kHz Offset -112 (typ) dBc/Hz

Frequency Pushing	6 MHz/V
Frequency Pulling	12 MHz
Harmonic Suppression	-18 (MAX)

Operating Specifications

Supply Voltage	5 V _{cc}
Supply Current	35 mA
Load Impedance	50
Operating Temperature	-40 to 85 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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