

MW500-1422

2500 MHz to 5000 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	2500 MHz to 5000 MHz
Tuning Voltage	0/21 V
Power Output	0 +/- 2 dBm
Phase Noise	

10 kHz Offset -82 (typ) dBc/Hz
100 kHz Offset -105 (typ) dBc/Hz

Frequency Pushing	10 MHz/V
Frequency Pulling	35 MHz
Harmonic Suppression	-18 (MAX)

Operating Specifications

Supply Voltage	5 V _{cc}
Supply Current	35 mA
Load Impedance	50
Operating Temperature	-40 to 75 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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