

MW500-1416

2850 MHz to 4650 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	2850 MHz to 4650 MHz
Tuning Voltage	0.5/20 V
Power Output	5 +/- 3 dBm
Phase Noise	10 kHz Offset -79 (typ) dBc/Hz 100 kHz Offset -102 (typ) dBc/Hz
Frequency Pushing	6 MHz/V
Frequency Pulling	60 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