

MW500-1225

90 MHz to 190 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	90 MHz to 190 MHz
Tuning Voltage	0.5/20 V
Power Output	3 +/- 1 dBm
Phase Noise	10 kHz Offset -115 (typ) dBc/Hz 100 kHz Offset -138 (typ) dBc/Hz
Frequency Pushing	2 MHz/V
Frequency Pulling	1 MHz
Harmonic Suppression	-14 (MAX)

Operating Specifications

Supply Voltage	5 V _{cc}
Supply Current	20 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