

MW500-1499

2850 MHz to 3350 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	2850 MHz to 3350 MHz
Tuning Voltage	0.5/12 V
Power Output	6 +/- 2 dBm
Phase Noise	10 kHz Offset -97 (typ) dBc/Hz 100 kHz Offset -118 (typ) dBc/Hz
Frequency Pushing	3 MHz/V
Frequency Pulling	15 MHz
Harmonic Suppression	-20 (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	R _{Fout}
OTHER	GND