

MW500-1247

2880 MHz to 2980 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	2880 MHz to 2980 MHz
Tuning Voltage	0.5/4.5 V
Power Output	0 +/- 2 dBm
Phase Noise	

10 kHz Offset -95 (typ) dBc/Hz
100 kHz Offset -116 (typ) dBc/Hz

Frequency Pushing	1 MHz/V
Frequency Pulling	8 MHz
Harmonic Suppression	-20 (MAX)

Operating Specifications

Supply Voltage	3 V _{cc}
Supply Current	25 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