

MW500-1730

1725 MHz to 3450 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	1725 MHz to 3450 MHz
Tuning Voltage	0/20 V
Power Output	0 +/- 3 dBm
Phase Noise	

10 kHz Offset -78 (typ) dBc/Hz
100 kHz Offset -100 (typ) dBc/Hz

Frequency Pushing	15 MHz/V
Frequency Pulling	35 MHz
Harmonic Suppression	-12 (MAX)

Operating Specifications

Supply Voltage	3.5 V _{cc}
Supply Current	22 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