

MW300-1601

1015 MHz to 1051 MHz

VOLTAGE CONTROLLED OSCILLATORS

Specifications

Frequency	1015 MHz to 1051 MHz
Tuning Voltage	0.5/2.5 V
Power Output	1 +/- 1 dBm
Phase Noise	10 kHz Offset -100 (typ) dBc/Hz 100 kHz Offset -120 (typ) dBc/Hz
Frequency Pushing	7 MHz/V
Frequency Pulling	2.5 MHz
Harmonic Suppression	-13 (MAX)

Operating Specifications

Supply Voltage	3 Vcc
Supply Current	16 mA
Load Impedance	50
Operating Temperature	-40 to 85 °C

Notes

Kv 30MHz min, 48MHz max over 1015-1051MHz band over temperature



MERCURY COMMERCIAL ELECTRONICS

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Specifications subject to change without notice