

MW500-1609F

3011 MHz to 3200 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	3011 MHz to 3200 MHz
Tuning Voltage	0.5/10.75 V
Power Output	5 +/- 2 dBm
Phase Noise	

10 kHz Offset -89 (typ) dBc/Hz
100 kHz Offset -109 (typ) dBc/Hz

Frequency Pushing	5 MHz/V
Frequency Pulling	8 MHz
Harmonic Suppression	-12 (MAX)

Operating Specifications

Supply Voltage	8 Vcc
Supply Current	50 mA
Load Impedance	50
Operating Temperature	-40 to 85 °C

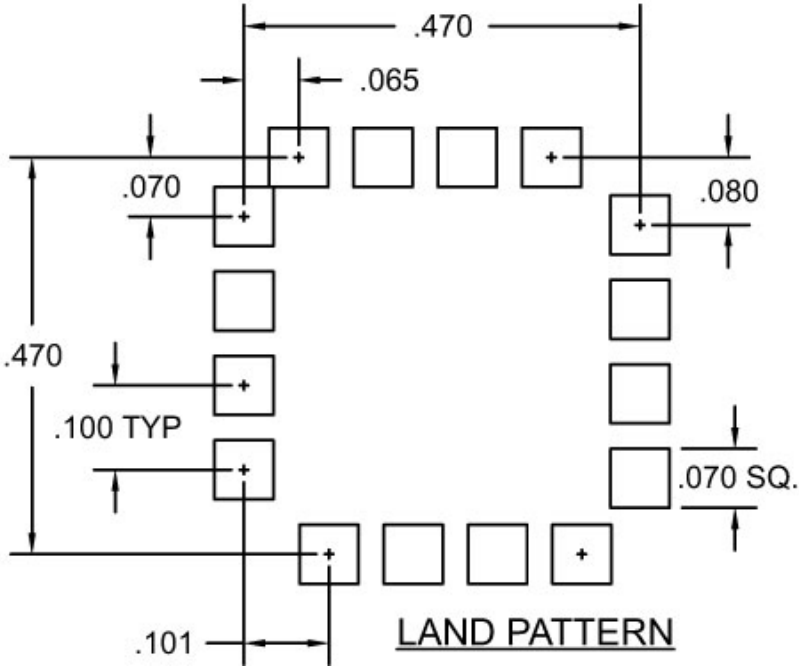
Notes

Kv for this VCO will be between 18-40MHz per volt within the operating frequency of 3011-3200MHz over the full temperature range/



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



PINOUT	
2	V_{cc}
6	V_{tune}
14	RF_{out}
OTHER	GND