

MW522 VCOs FOR WIRELESS LAN APPLICATIONS



SPECIFICATIONS

Frequency Range:
2300 MHz @ 0.7V
2500 MHz @ 3.5V

Tuning Sensitivity:
60. ± 10

Output Power:
3 ± 2 dBm

Pushing:
<2

Pulling: <10 MHz
(VSWR=2.0:1, For All
Phase, Ref.=50Ω)

Phase Noise:
@ 10 kHz: -93 dBc/Hz
@ 100 kHz: -114 dBc/Hz

Spurious Response
(2nd Harmonics): -10 dBc

Input Impedance:
10 MΩ

Input Capacitance:
47 pF

Load Impedance: 50Ω

Supply Voltage (VCC):
5.0 ± 0.1V

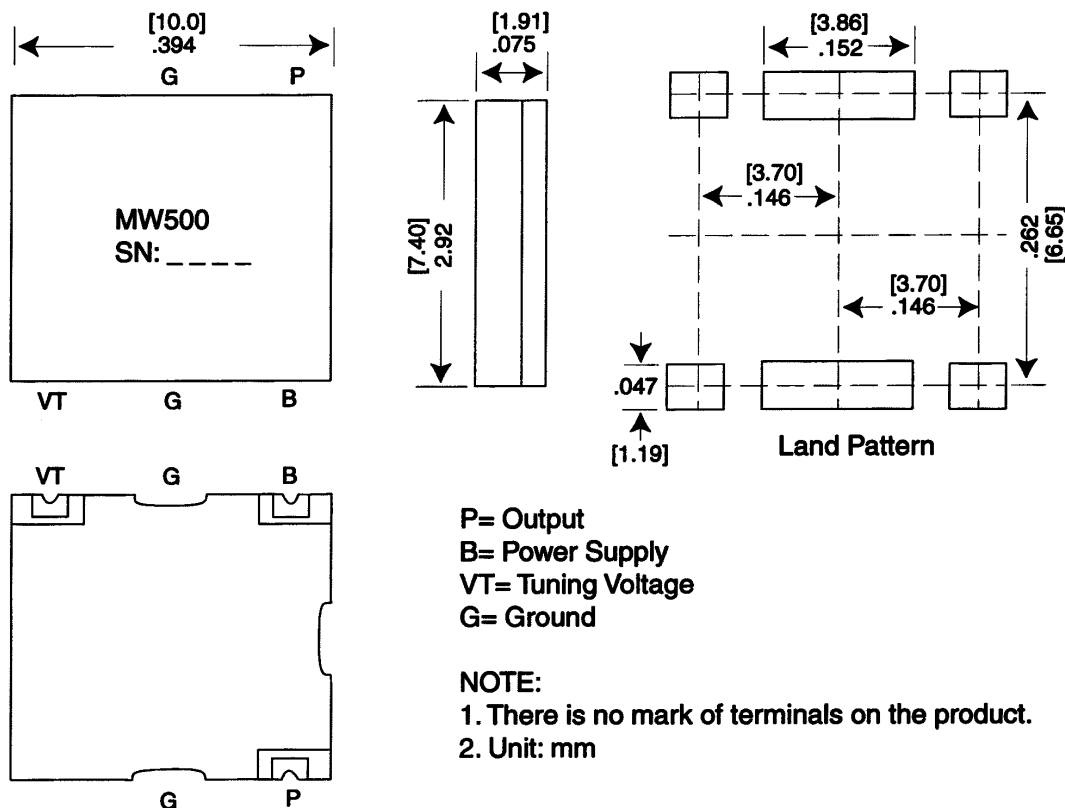
Supply Current:
< 15 mA

Operating Temperature:
-40 to +85° C

Absolute Maximum Ratings:
Supply Voltage: +5

Storage Temperature:
-40 to +85° C

MW500 VCO PACKAGE OUTLINE



MICRONETICS
WIRELESS