

MW511 VCOs FOR WCDMA APPLICATIONS



SPECIFICATIONS

Frequency Range:
2162 MHz @ 0.3V
2255 MHz @ 2.7V

Tuning Sensitivity:
40 MHz/V

Output Power:
9±3 dBm

Pushing:
< 1 MHz/V

Pulling: < 5 MHz
(VSWR=2.0:1, For All
Phase, Ref.=50Ω)

Phase Noise:
@ 10 kHz: -97 dBc/Hz
@ 100 kHz: -117 dBc/Hz

Spurious Response
(2nd Harmonics): -10 dBc

Input Impedance:
10 MΩ

Input Capacitance:
50 pF

Load Impedance: 50Ω

Supply Voltage (VCC):
3.0 ± 0.1 V

Supply Current:
20 mA

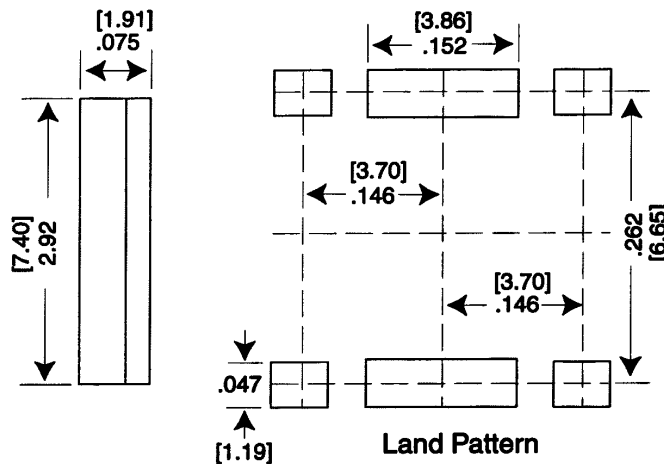
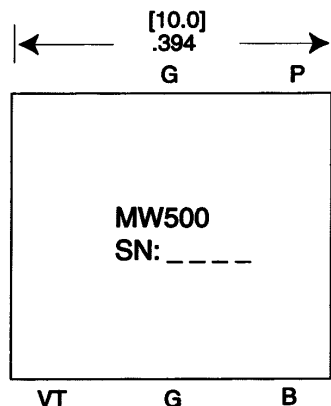
Tuning Voltage (VT):
0.3 to 2.7 V

Operating Temperature:
-40 to +85°C

Absolute Maximum Ratings:
Supply Voltage: 5V

Storage Temperature:
-40 to +85°C

MW500 VCO PACKAGE OUTLINE



P= Output
B= Power Supply
VT= Tuning Voltage
G= Ground

NOTE:

1. There is no mark of terminals on the product.
2. Unit: mm

MICRONETICS

WIRELESS