

MW415 VCOs FOR CORDLESS APPLICATIONS

SPECIFICATIONS



Frequency Range:
1548 MHz @ 1V
1700 MHz @ 4V

Tuning Sensitivity:
51 MHz/V

Output Power:
7±2 dBm

Pushing:
< 1 MHz/V

Pulling: < 2 MHz
(For a 12 dB return loss,
Ref.=50Ω)

Phase Noise:
@ 200 kHz: -123 dBc/Hz
@ 600 kHz: -133 dBc/Hz

Spurious Response
(2nd Harmonics): -20 dBc

Input Impedance:
10 MΩ

Input Capacitance:
47 pF

Load Impedance: 50Ω

Supply Voltage (VCC):
5.0 ± 0.2 V

Supply Current:
20 mA

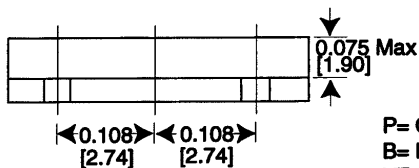
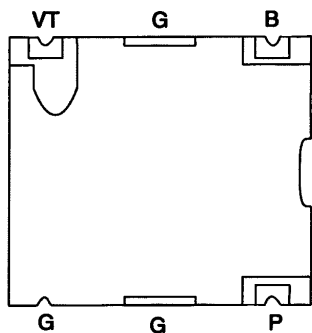
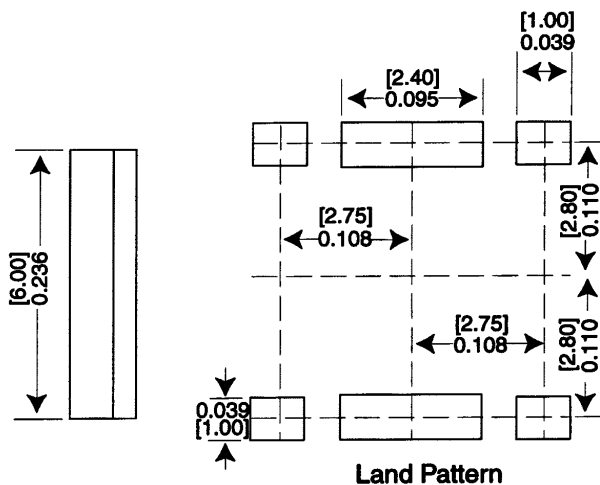
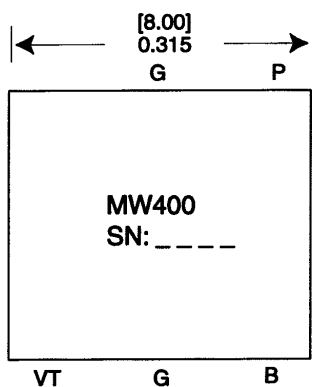
Tuning Voltage (VT):
1 to 4 V

Operating Temperature:
-20 to +80°C

Absolute Maximum Ratings:
Supply Voltage: 6V

Storage Temperature:
-40 to +80°C

MW400 VCO PACKAGE OUTLINE



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

NOTE:

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

MICRONETICS
WIRELESS