

MW419 VCOs FOR CORDLESS APPLICATIONS



SPECIFICATIONS

Frequency Range:
1662 MHz @ 1V
1742 MHz @ 4V

Tuning Sensitivity:
26.7 MHz/V

Output Power:
 7 ± 3 dBm

Pushing:
< 2 MHz/V

Pulling: < 3 MHz
(VSWR = 2.0:1, For All
Phase, Ref. = 50Ω)

Phase Noise:
@ 10 kHz: -95 dBc/Hz
@ 100 kHz: -115 dBc/Hz

Spurious Response
(2nd Harmonics): -20 dBm

Input Impedance:
 $10 M\Omega$

Input Capacitance:
47 pF

Load Impedance: 50Ω

Supply Voltage (VCC):
 4.2 ± 0.25 V

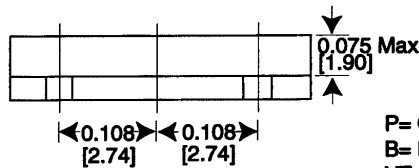
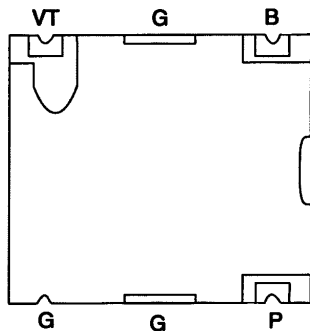
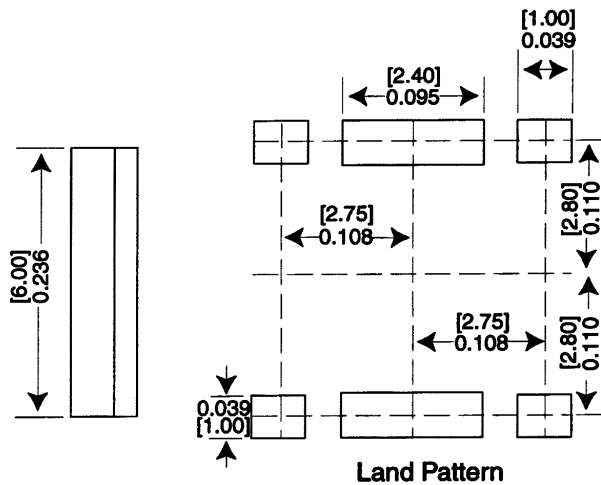
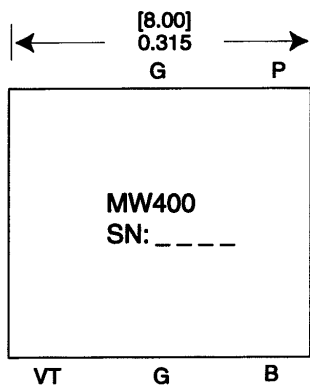
Supply Current:
< 20 mA

Operating Temperature
Range: -40 to +85° C

Absolute Maximum Ratings:
Supply Voltage: 5 V

Storage Temperature:
-40 to +85°

MW400 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