

MW417 VCOs FOR TX HANDSET APPLICATIONS



SPECIFICATIONS

Frequency Range:
1640 MHz @ 0.5V
1740 MHz @ 2.5V

Tuning Sensitivity:
50 MHz/V

Output Power:
 0 ± 3 dBm

Pushing:
< 3 MHz/V

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

Phase Noise:
@ 200 kHz: -115 dBc/Hz
@ 600 kHz: -127 dBc/Hz

Spurious Response
(2nd Harmonics): -20 dBc

Input Impedance:
 $10 M\Omega$

Input Capacitance:
47 pF

Load Impedance: 50Ω

Supply Voltage (VCC):
 $3.0 \pm 0.1V$

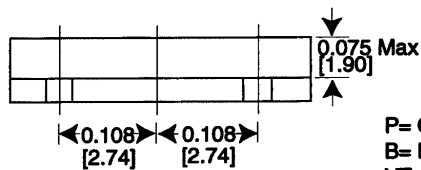
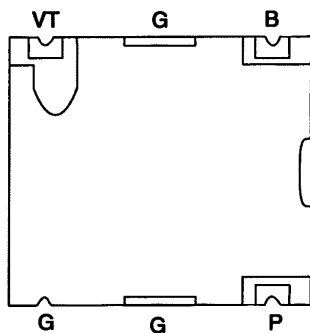
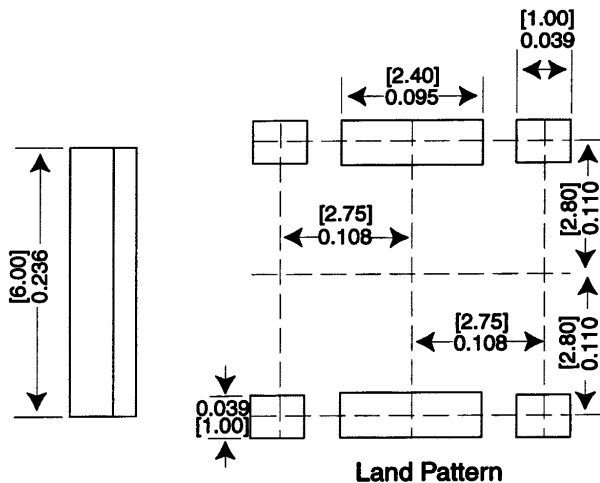
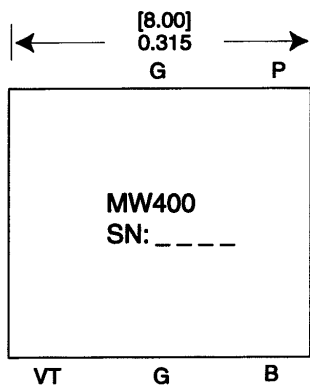
Supply Current:
< 10 mA

Operating Temperature:
-40 to +85° C

Absolute Maximum Ratings:
Supply Voltage: 3V

Storage Temperature:
-40 to +85° 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