

# MW418 VCOs FOR POINT/POINT APPLICATIONS



## SPECIFICATIONS

Frequency Range:  
1780 MHz @ 0.3 V  
1900 MHz @ 2.5 V

Tuning Sensitivity:  
55 MHz/V

Output Power:  
 $0 \pm 3$  dBm

Pushing:  
< 2 MHz/V

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

Phase Noise:  
@ 10 kHz: -92 dBc/Hz  
@ 100 kHz: -112 dBc/Hz

Spurious Response  
(2nd Harmonics): -20 dBc

Input Impedance:  
 $10 M\Omega$

Input Capacitance:  
47 pF

Load Impedance:  $50 \Omega$

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

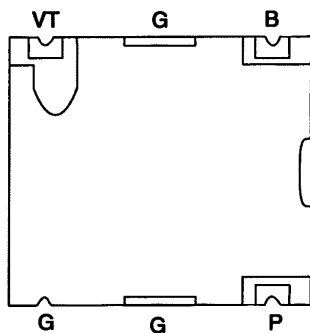
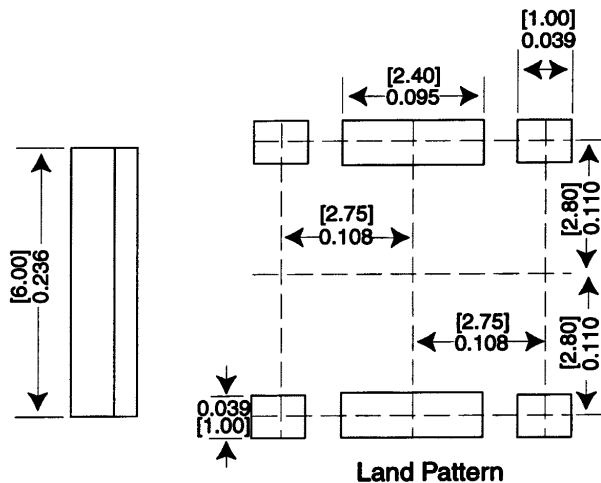
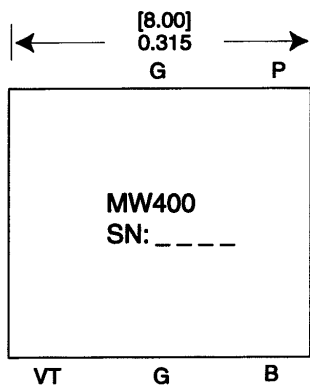
Supply Current:  
< 10 mA

Operating Temperature:  
-40 to +85° C

Absolute Maximum Ratings:  
Supply Voltage: 3 V

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