

# MW407 VCOs FOR GSM APPLICATIONS



## SPECIFICATIONS

Frequency Range:  
806 MHz @ .50V  
825 MHz @ 2.5V

Tuning Sensitivity:  
9.5 MHz/V

Output Power:  
7±2 dBm

Pushing:  
< 2 MHz/V

Pulling: < 2 MHz  
(VSWR=2.0:1, For All  
Phase, Ref.=50Ω)

Phase Noise:  
@ 25 kHz: -108 dBc/Hz  
@ 600 kHz: -132 Dbc/Hz

Spurious Response  
(2nd Harmonics): -20 dBc

Input Impedance:  
10 MΩ

Input Capacitance:  
47 pF

Load Impedance: 50 Ω

Supply Voltage (VCC):  
3.0 ± 0.2 V

Supply Current:  
25 mA

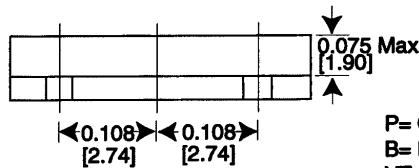
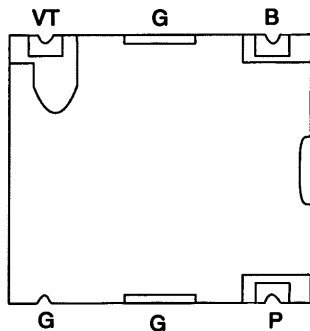
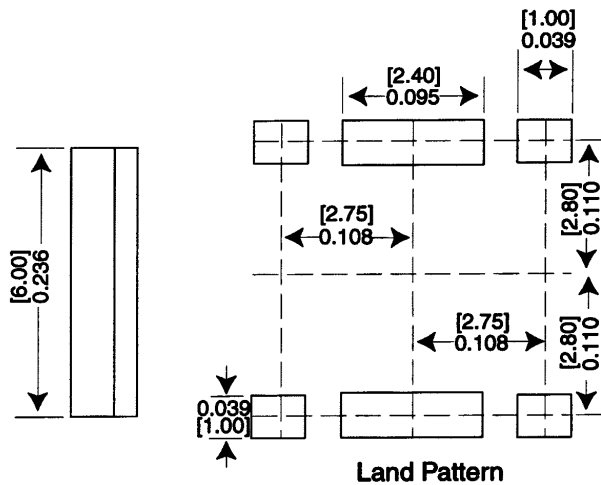
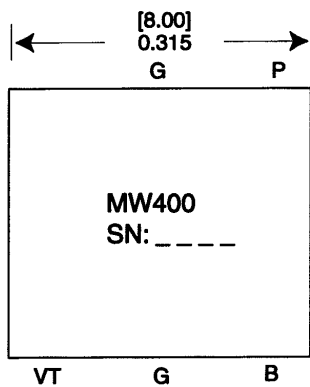
Tuning Voltage (VT):  
0.5 to 2.5 V

Operating Temperature:  
-20 to +60°C

Absolute Maximum Ratings:  
Supply Voltage: 6V

Storage Temperature:  
-30 to +85°C

## 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