

MW405 VCOs FOR PHS APPLICATIONS



SPECIFICATIONS

Frequency Range:
1160 MHz @ .50V
1185 MHz @ 2.5V

Tuning Sensitivity:
12.5 MHz/V

Output Power:
0±3 dBm

Pushing:
< 2 MHz/V

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

Phase Noise:
@10 kHz: -96 dBc/Hz
@400 kHz: -128 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:
10 mA

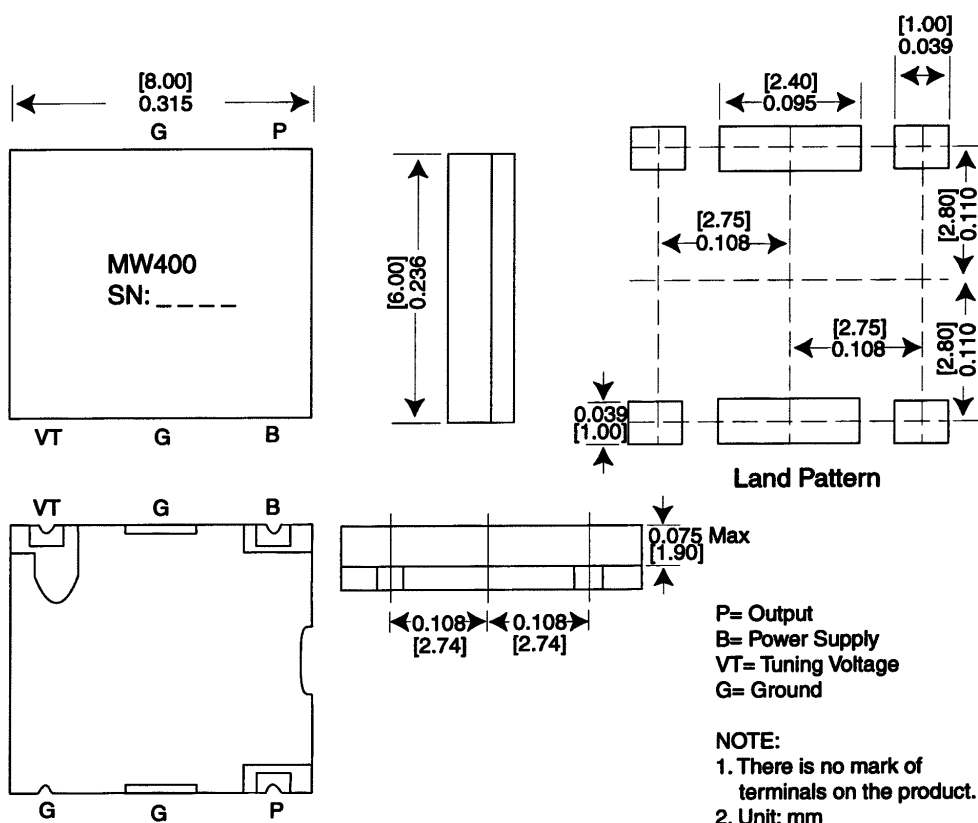
Tuning Voltage (VT):
0.5 to 2.5 V

Operating Temperature:
-20 to +60°C

Absolute Maximum Ratings:
Supply Voltage: 6V

Storage Temperature:
-40 to +85°C

MW400 VCO PACKAGE OUTLINE



MICRONETICS
WIRELESS