

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 ± 3 dBm

Pushing:
 < 2 MHz/V

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

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

Spurious Response
(2nd Harmonics): -20 dBc

Input Impedance:
 ≥ 10 M Ω

Input Capacitance:
 ≤ 47 pF

Load Impedance: 50Ω

Supply Voltage (VCC):
 3.0 ± 0.1 V

Supply Current:
 < 10 mA

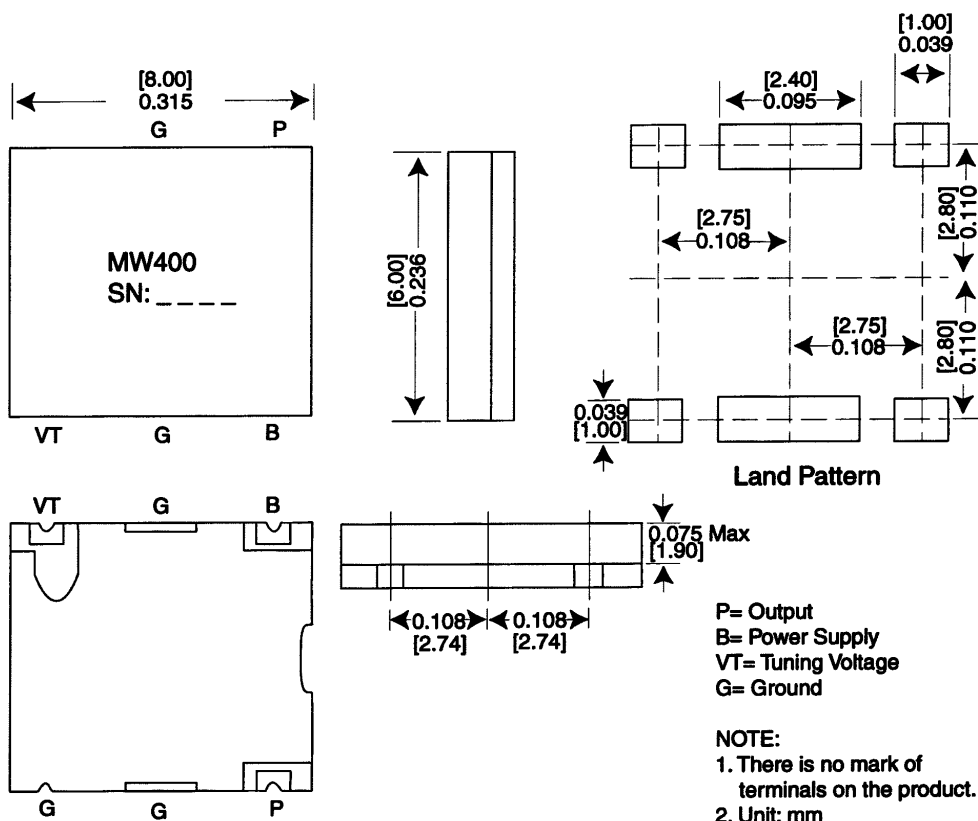
Operating Temperature:
 -40 to $+85^\circ\text{C}$

Absolute Maximum Ratings:
Supply Voltage: 3 V

Storage Temperature:
 -40 to $+85^\circ\text{C}$



MW400 VCO PACKAGE OUTLINE



MICRONETICS
WIRELESS