

MW310 VCOs FOR WIRELESS MODEM APPLICATIONS



SPECIFICATIONS

Frequency Range:
2290 MHz @ 0V
2485 MHz @ 3.3V

Tuning Sensitivity:
≥ 59.1 MHz/V

Output Power:
7 ± 3 dBm

Pushing:
± 2 MHz

Pulling: 10 MHz
(VSWR=2.0:1, For All
Phase, Ref.=50Ω)

Phase Noise:
@10 kHz: £ -88 dBc/Hz

Spurious Response
(2nd Harmonics): £ -20 dBc

Input Impedance:
≥ 10 MΩ

Input Capacitance:
£ 47 pF

Load Impedance: 50Ω

Supply Voltage (VCC):
3.0 ± 0.1 V

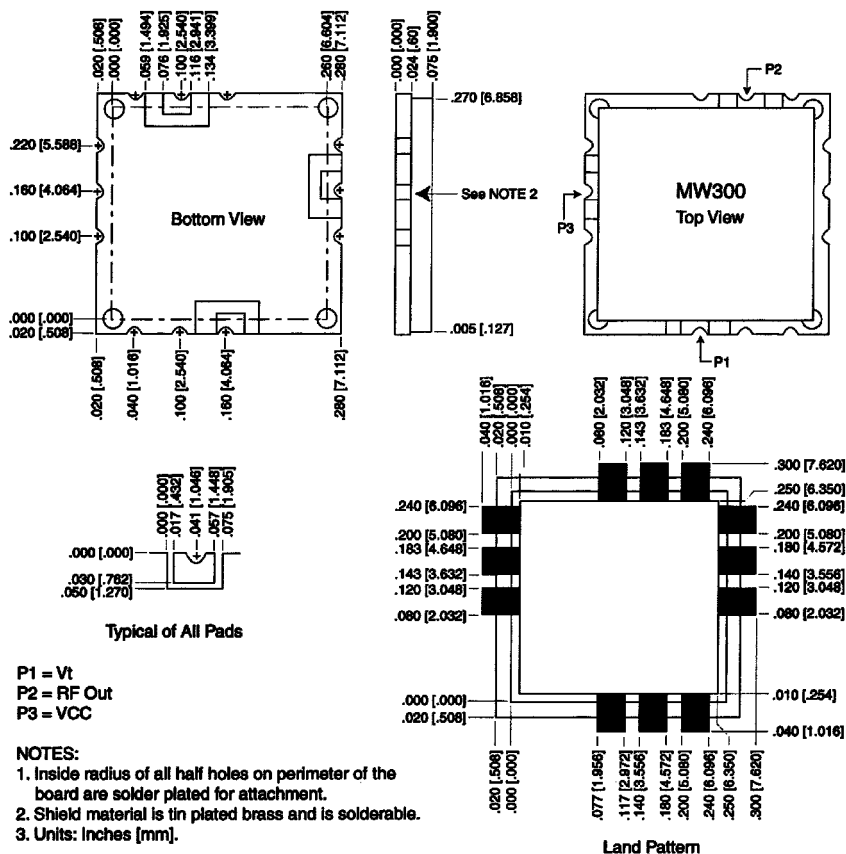
Supply Current:
£ 18 mA

Operating Temperature:
-40 to +85° C

Absolute Maximum Ratings:
Supply Voltage: 5V

Storage Temperature:
-40 to +85° C

MW300 VCO PACKAGE OUTLINE



MICRONETICS
WIRELESS