

MW402 VCOs FOR DCS 1800 APPLICATIONS



SPECIFICATIONS

Frequency Range:
1705 MHz @ .50V
1790 MHz @ 2.5V

Tuning Sensitivity:
50 MHz

Output Power:
-3±3 dBm

Pushing:
< 2 MHz/V

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

Temperature Stability:
(At -20 to +60°C,
Ref.=25°C): ±5 MHz

Phase Noise:
@ 10 kHz: -90 dBc/Hz
@ 400 kHz: -121 dBc/Hz

Spurious Response
(2nd Harmonics): -10 dBc

Input Impedance:
10 MHz

Input Capacitance:
47 pF

Load Impedance: 50Ω

Supply Voltage (VCC):
3.0 ± 0.15 V

Supply Current: 10 mA

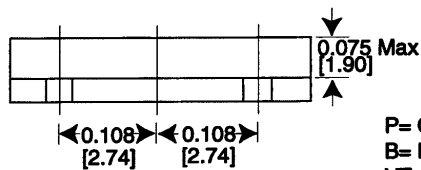
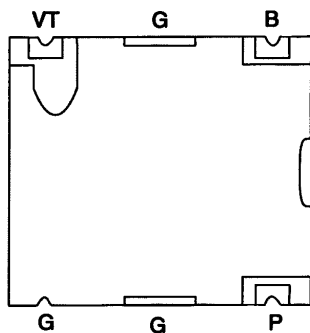
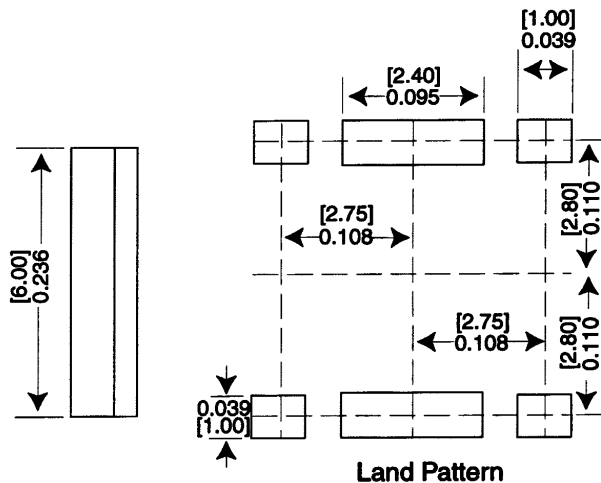
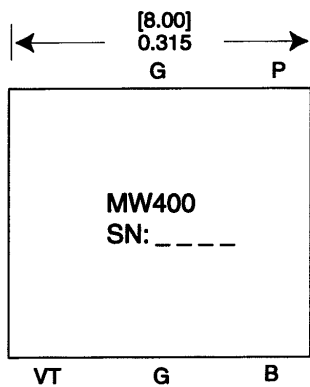
Tuning Voltage (VT):
0.5 to 2.2 V

Operating Temperature:
-20 to +60°C

Absolute Maximum Ratings:
Supply Voltage: 5V

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