

SPEC SHEET

MW500-1448

2747 MHz to 3238 MHz

VOLTAGE CONTROLLED OSCILLATORS



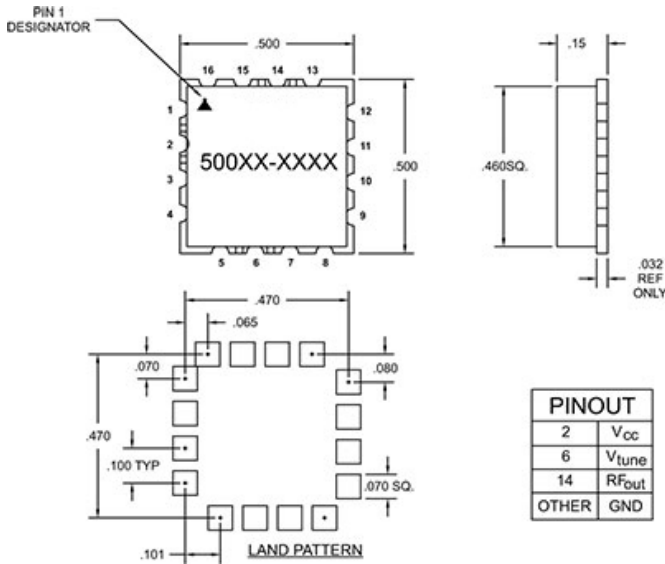
Specifications

| | |
|----------------------|--|
| Frequency | 2747 MHz to 3238 MHz |
| Tuning Voltage | 0.5/15 V |
| Power Output | 4 +/- 2 dBm |
| Phase Noise | 10 kHz Offset -97 (typ) dBc/Hz 100 kHz Offset -118 (typ) dBc/Hz |
| Frequency Pushing | 3 MHz/V |
| Frequency Pulling | 15 MHz |
| Harmonic Suppression | -10 (MAX) |

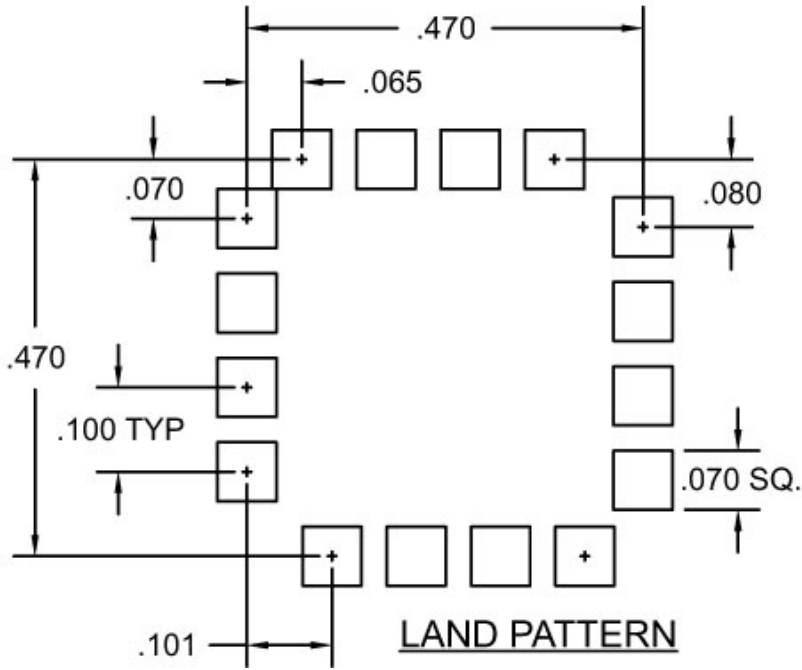
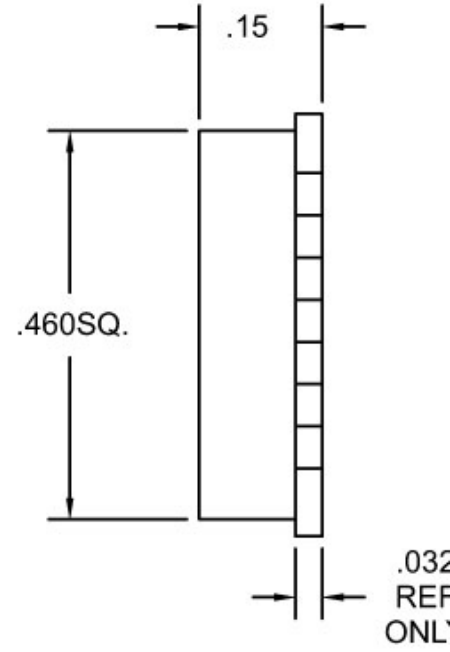
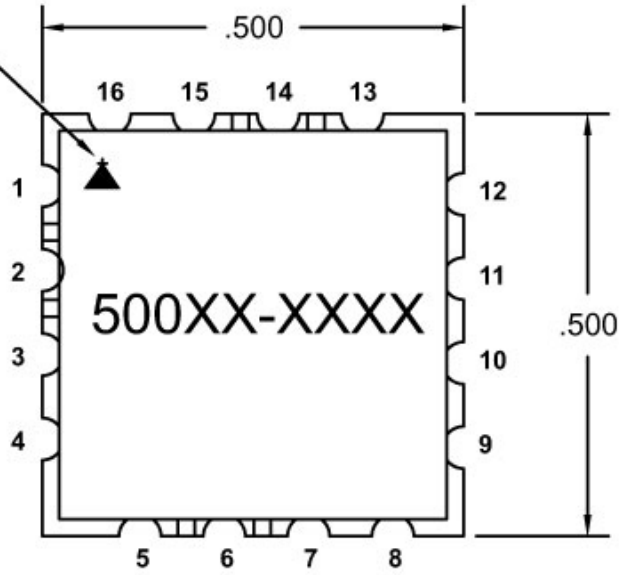
Operating Specifications

| | |
|-----------------------|--------------|
| Supply Voltage | 5 Vcc |
| Supply Current | 25 mA |
| Load Impedance | 50 |
| Operating Temperature | -40 to 85 °C |

Notes



PIN 1
DESIGNATOR



| PINOUT | |
|--------|------------|
| 2 | V_{cc} |
| 6 | V_{tune} |
| 14 | RF_{out} |
| OTHER | GND |