

SPEC SHEET

# MW500-1692

## 2500 MHz to 2600 MHz

### VOLTAGE CONTROLLED OSCILLATORS



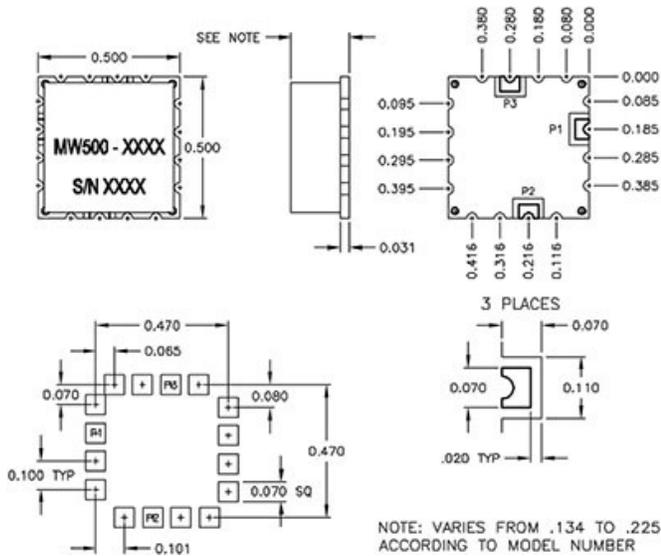
### Specifications

|                      |                                                                    |
|----------------------|--------------------------------------------------------------------|
| Frequency            | 2500 MHz to 2600 MHz                                               |
| Tuning Voltage       | 0.5/1.8 V                                                          |
| Power Output         | 4 +/- 2 dBm                                                        |
| Phase Noise          | 10 kHz Offset -97 (typ) dBc/Hz<br>100 kHz Offset -118 (typ) dBc/Hz |
| Frequency Pushing    | 3 MHz/V                                                            |
| Frequency Pulling    | 15 MHz                                                             |
| Harmonic Suppression | -10 (MAX)                                                          |

### Operating Specifications

|                       |              |
|-----------------------|--------------|
| Supply Voltage        | 12 Vcc       |
| Supply Current        | 25 mA        |
| Load Impedance        | 50           |
| Operating Temperature | -40 to 85 °C |

### Notes



MERCURY COMMERCIAL ELECTRONICS