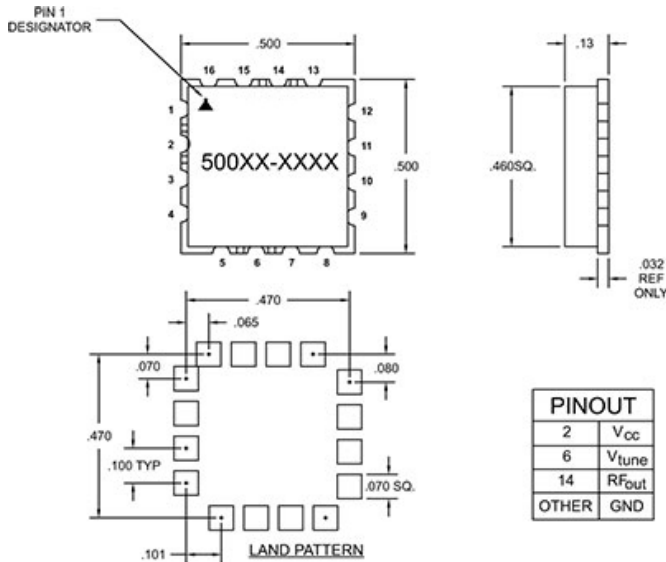


MW500-1417

1800 MHz to 2275 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	1800 MHz to 2275 MHz
Tuning Voltage	2.5/20 V
Power Output	5 +/- 3 dBm
Phase Noise	10 kHz Offset -95 (typ) dBc/Hz 100 kHz Offset -115 (typ) dBc/Hz
Frequency Pushing	5 MHz/V
Frequency Pulling	10 MHz
Harmonic Suppression	-12 (MAX)

Operating Specifications

Supply Voltage	5 V _{cc}
Supply Current	35 mA
Load Impedance	50
Operating Temperature	-40 to 70 °C

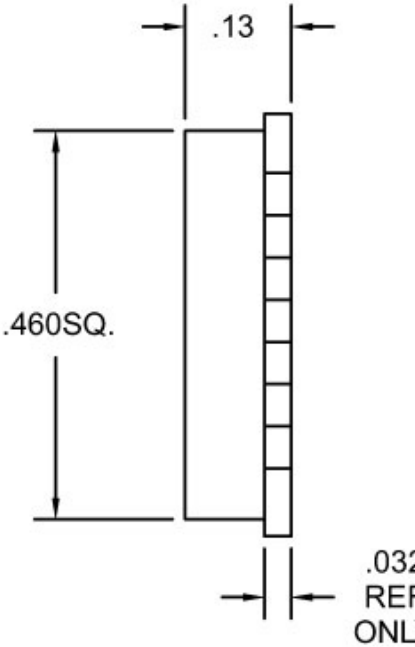
Notes

This VCO will tune from 0 volts to 25 volts with no dropout and meets Teledyne part number 7260198 REV-C



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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