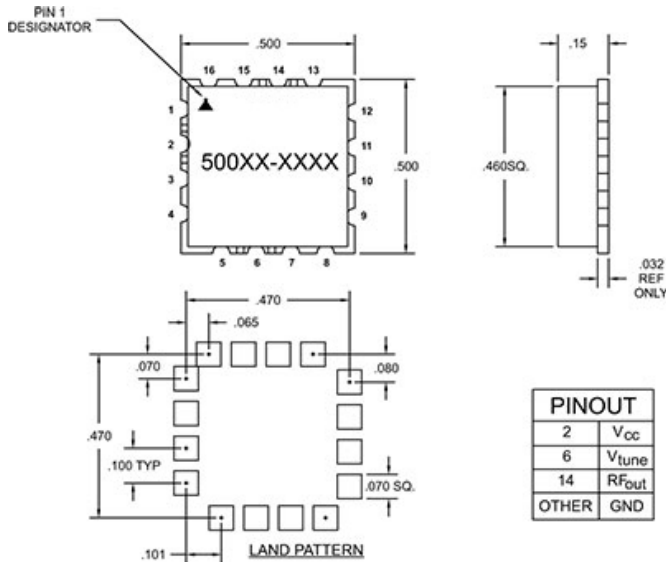


MW500-1737

1690 MHz to 1745 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	1690 MHz to 1745 MHz
Tuning Voltage	0.5/3 V
Power Output	2 +/- 2 dBm
Phase Noise	10 kHz Offset -97 (typ) dBc/Hz 100 kHz Offset -118 (typ) dBc/Hz
Frequency Pushing	4 MHz/V
Frequency Pulling	15 MHz
Harmonic Suppression	-15 (MAX)

Operating Specifications

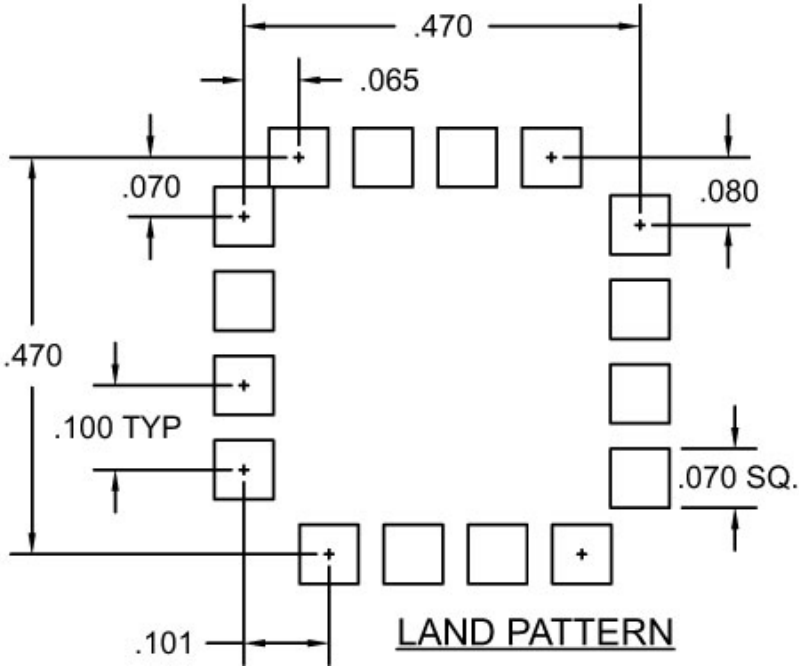
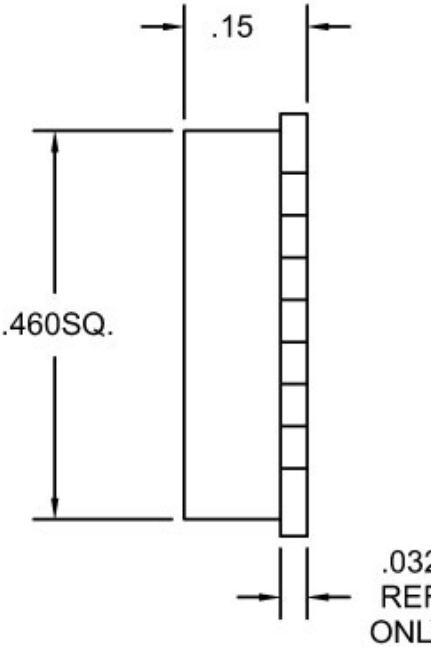
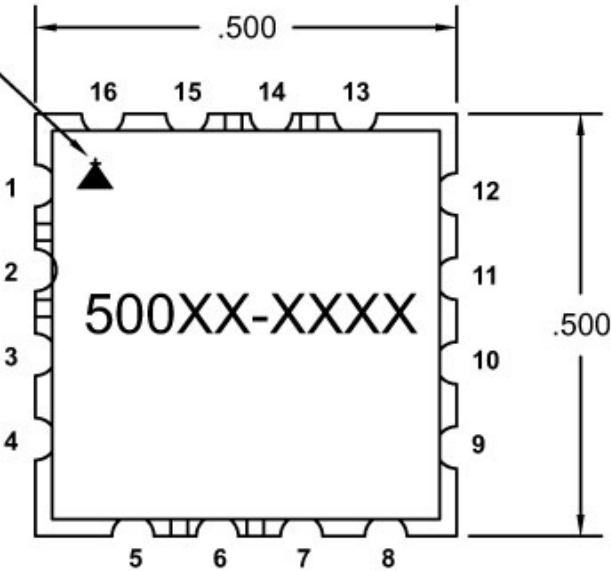
Supply Voltage	4.5 V _{cc}
Supply Current	25 mA
Load Impedance	50
Operating Temperature	-45 to 85 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



PINOUT	
2	V _{cc}
6	V _{tune}
14	RF _{out}
OTHER	GND