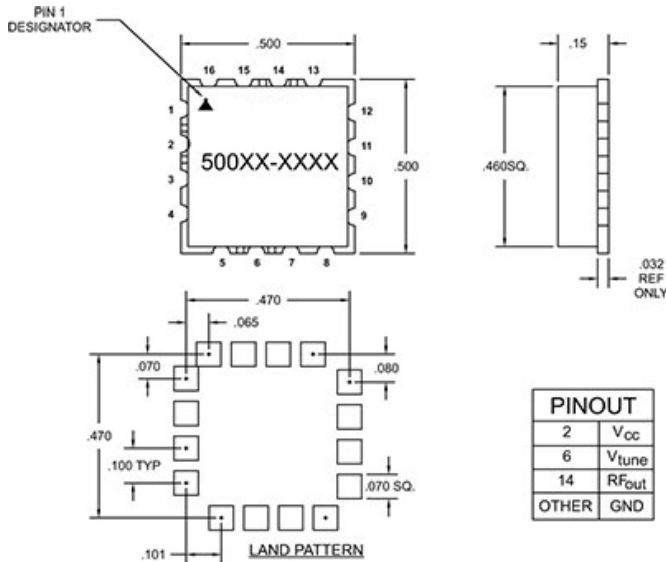


MW500-1635

1900 MHz to 2800 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	1900 MHz to 2800 MHz
Tuning Voltage	1/15 V
Phase Noise	

10 kHz Offset -95 (typ) dBc/Hz

100 kHz Offset -115 (typ) dBc/Hz

Frequency Pushing 5 MHz/V

Frequency Pulling 15 MHz

Harmonic Suppression -12 (MAX)

Operating Specifications

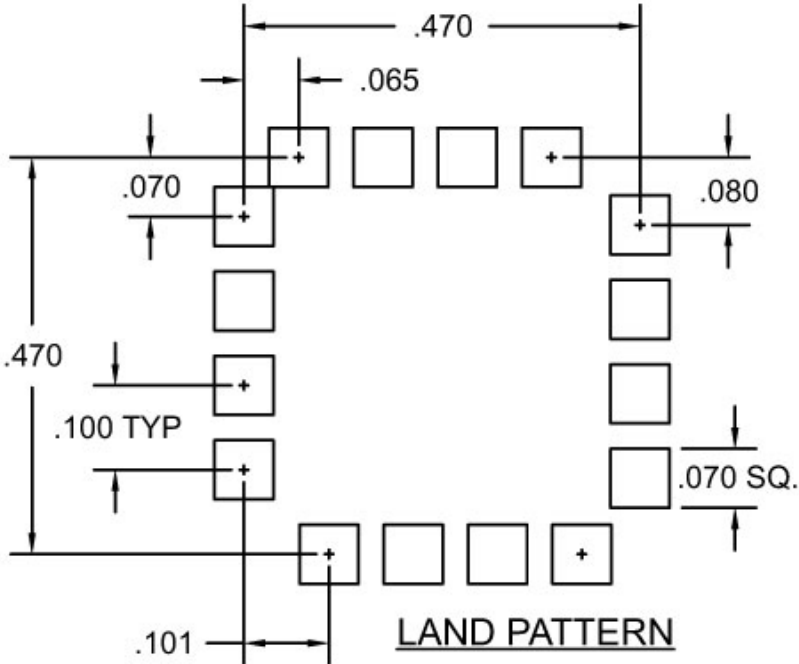
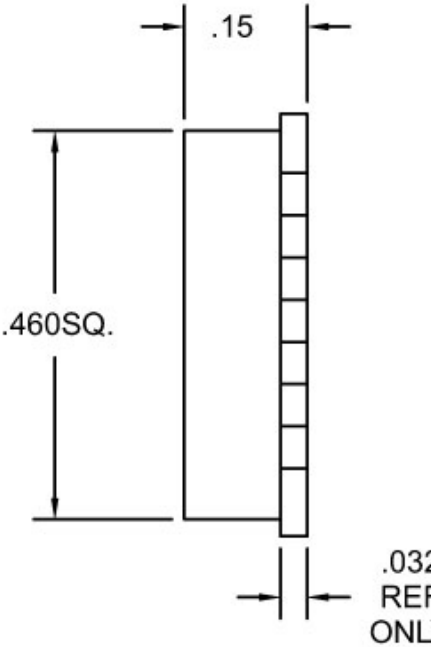
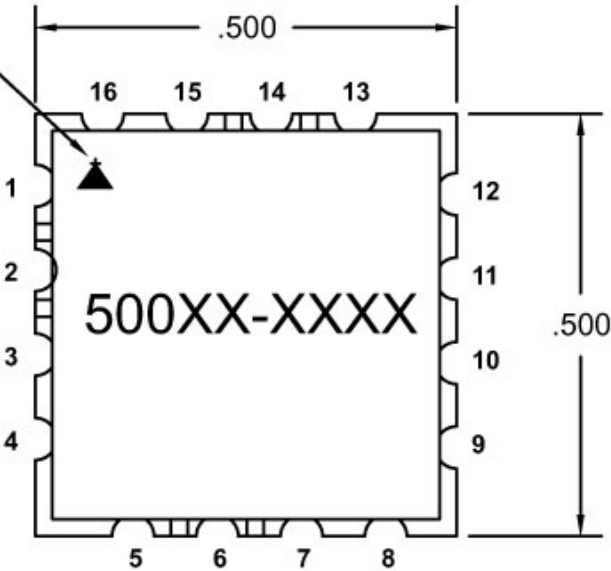
Supply Voltage	12 V _{cc}
Supply Current	45 mA
Load Impedance	50
Operating Temperature	-40 to 85 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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