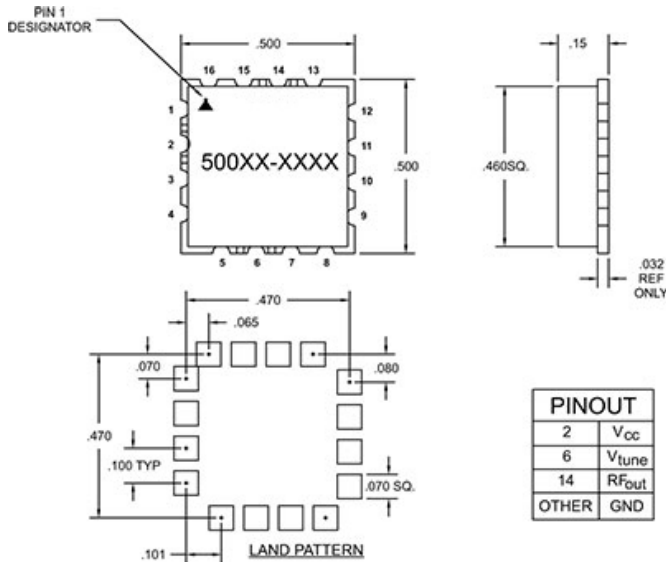


MW500-1476

3020 MHz to 3265 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	3020 MHz to 3265 MHz
Tuning Voltage	1/10 V
Power Output	5 +/- 2 dBm
Phase Noise	

10 kHz Offset -95 (typ) dBc/Hz
100 kHz Offset -117 (typ) dBc/Hz

Frequency Pushing	5 MHz/V
Frequency Pulling	8 MHz
Harmonic Suppression	-12 (MAX)

Operating Specifications

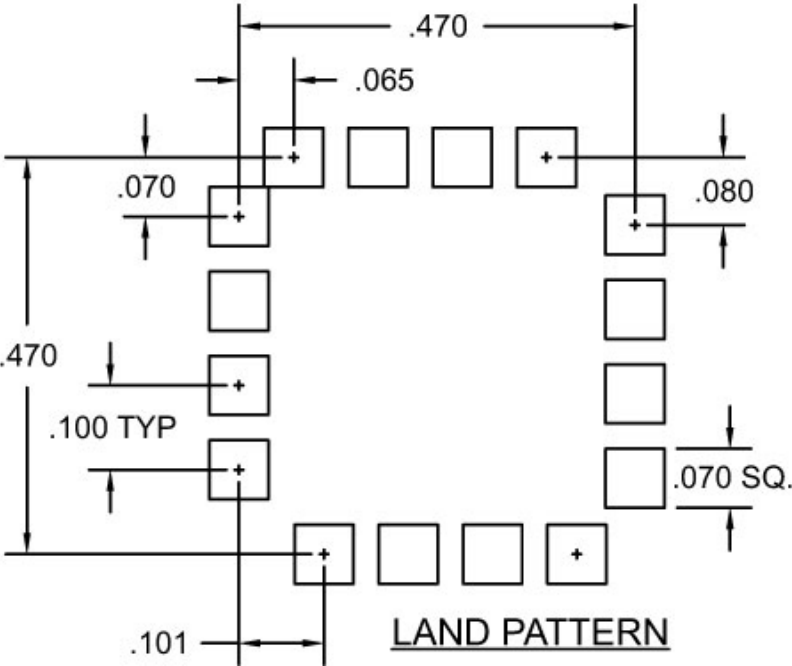
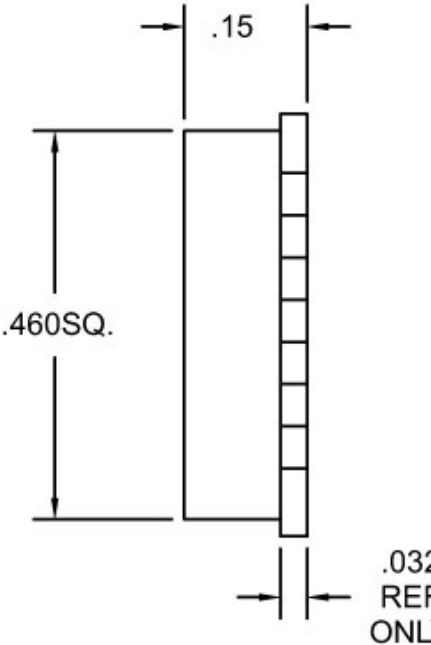
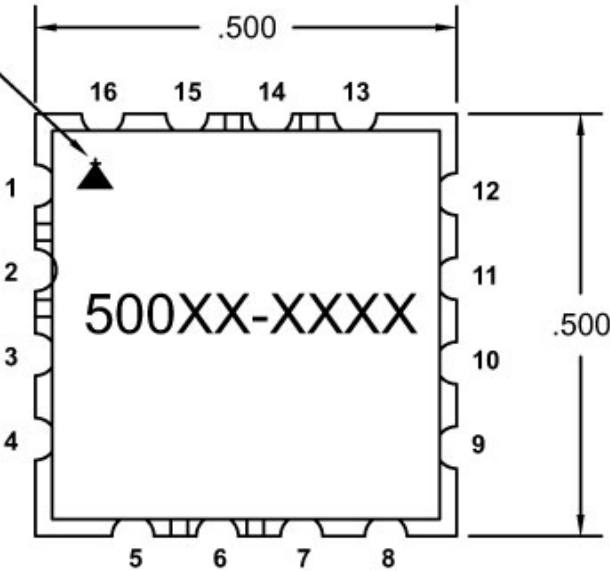
Supply Voltage	6.5 V _{cc}
Supply Current	35 mA
Load Impedance	50
Operating Temperature	-40 to 85 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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