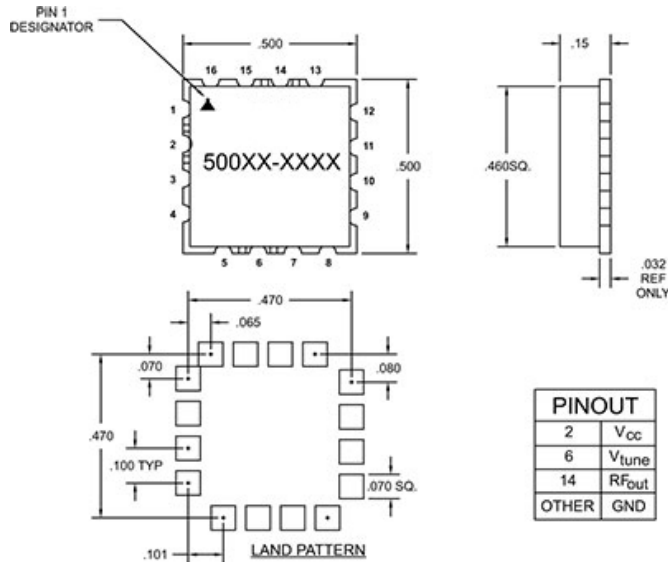


MW500-1269

610 MHz to 930 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	610 MHz to 930 MHz
Tuning Voltage	0.5/7 V
Power Output	3 +/- 2 dBm
Phase Noise	10 kHz Offset -95 (typ) dBc/Hz 100 kHz Offset -115 (typ) dBc/Hz
Frequency Pushing	4 MHz/V
Frequency Pulling	15 MHz
Harmonic Suppression	-10 (MAX)

Operating Specifications

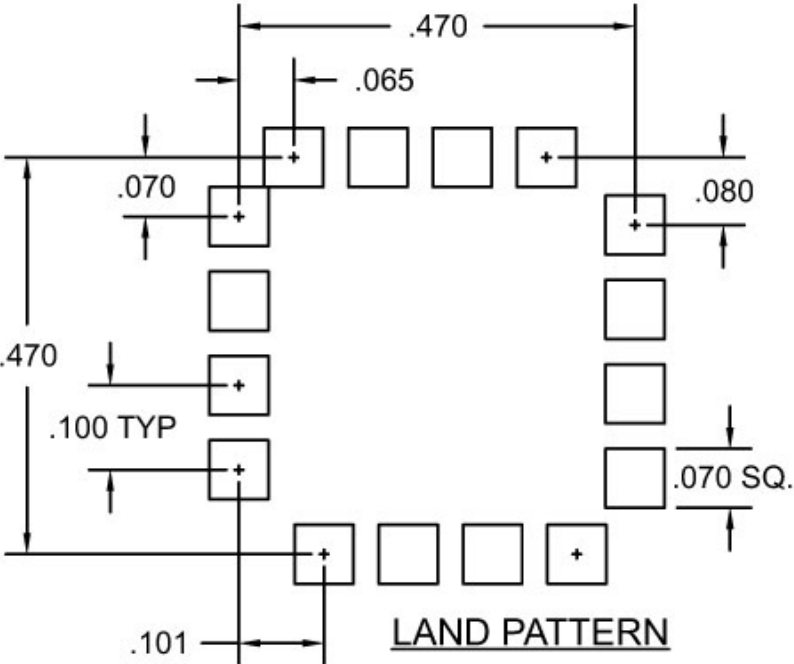
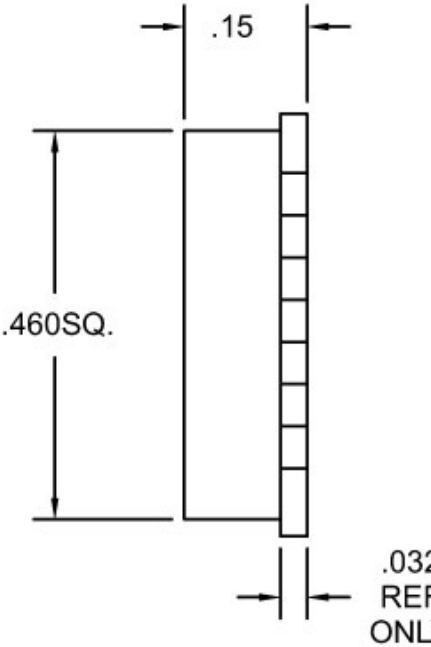
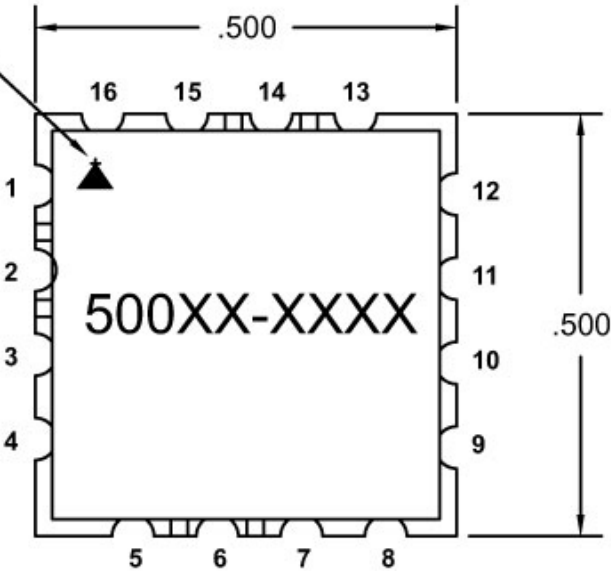
Supply Voltage	5 V _{cc}
Supply Current	35 mA
Load Impedance	50
Operating Temperature	-30 to 75 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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