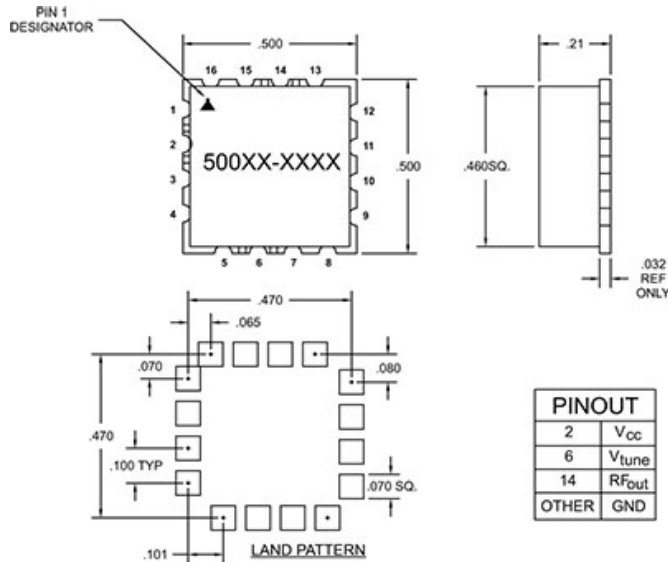


MW500-1084

1850 MHz to 2000 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	1850 MHz to 2000 MHz
Tuning Voltage	0.5/8 V
Power Output	7 +/- 2 dBm
Phase Noise	10 kHz Offset -98 (typ) dBc/Hz 100 kHz Offset 117 (typ) dBc/Hz
Frequency Pushing	5 MHz/V
Frequency Pulling	20 MHz
Harmonic Suppression	-20 (MAX)

Operating Specifications

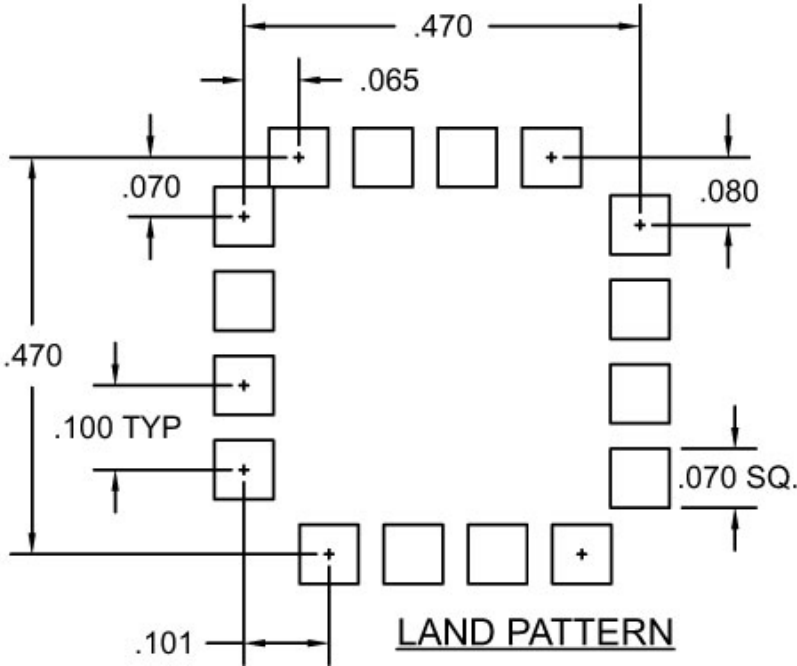
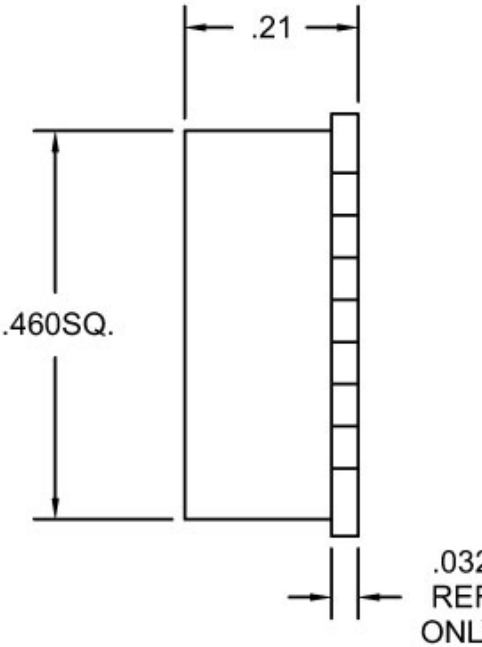
Supply Voltage	5 V _{cc}
Supply Current	25 mA
Load Impedance	50
Operating Temperature	-40 to 80 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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