

MW500-1437

6000 MHz to 6500 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	6000 MHz to 6500 MHz
Tuning Voltage	1/11 V
Power Output	0 +/- 2 dBm
Phase Noise	

10 kHz Offset -85 (typ) dBc/Hz
100 kHz Offset -106 (typ) dBc/Hz

Frequency Pushing	20 MHz/V
Frequency Pulling	20 MHz
Harmonic Suppression	-15 (MAX)

Operating Specifications

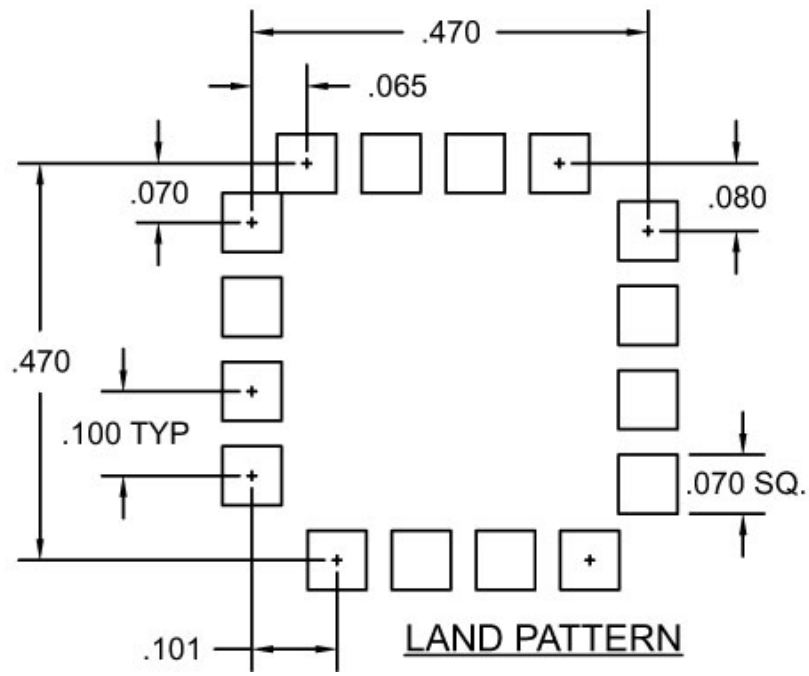
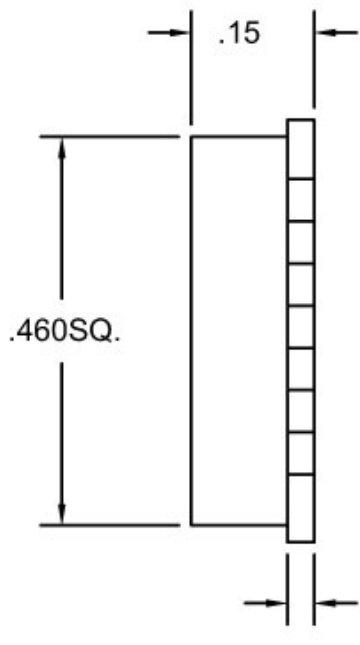
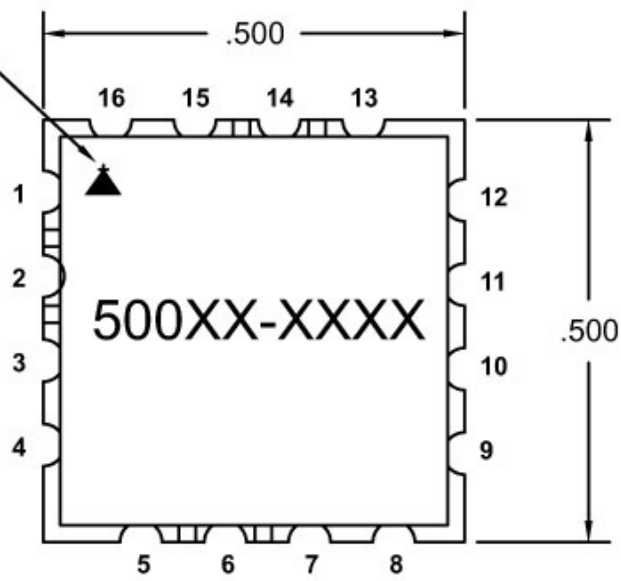
Supply Voltage	11.5 Vcc
Supply Current	30 mA
Load Impedance	50
Operating Temperature	-40 to 85 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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