

MW500-1735F

3200 MHz to 4100 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	3200 MHz to 4100 MHz
Tuning Voltage	0.5/10.5 V
Power Output	6.5 +/- 3.5 dBm
Phase Noise	10 kHz Offset -78 (typ) dBc/Hz 100 kHz Offset -100 (typ) dBc/Hz
Frequency Pushing	10 MHz/V
Frequency Pulling	25 MHz
Harmonic Suppression	-10 (MAX)

Operating Specifications

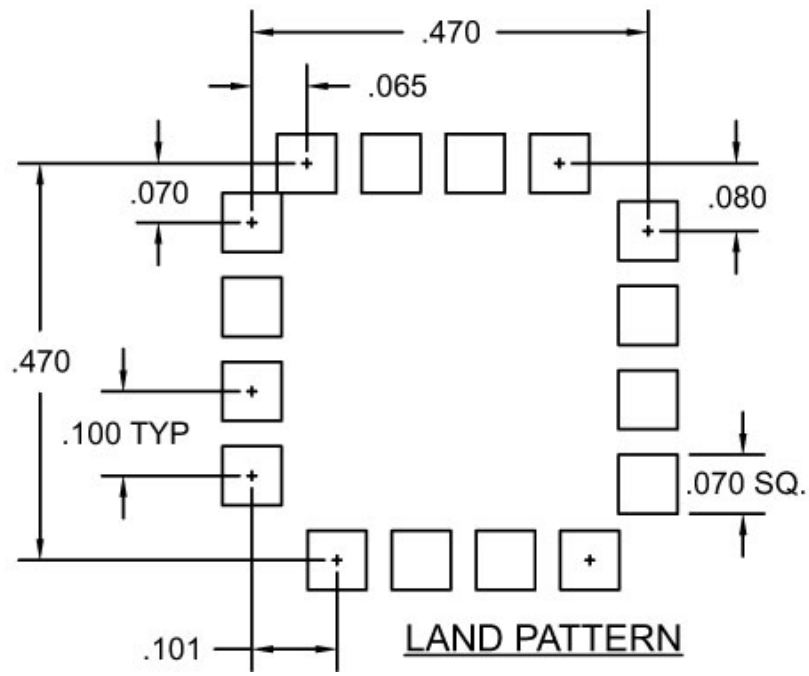
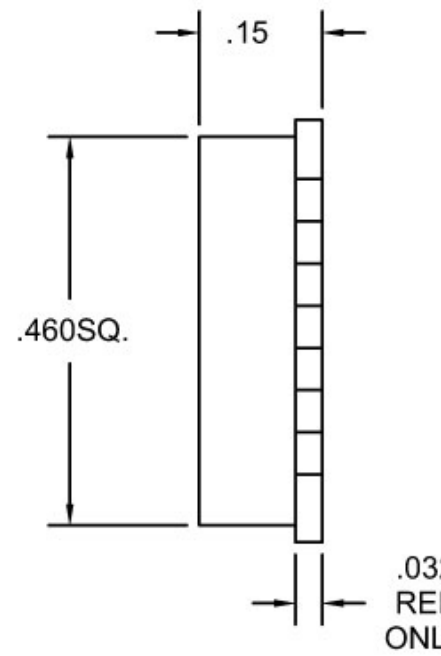
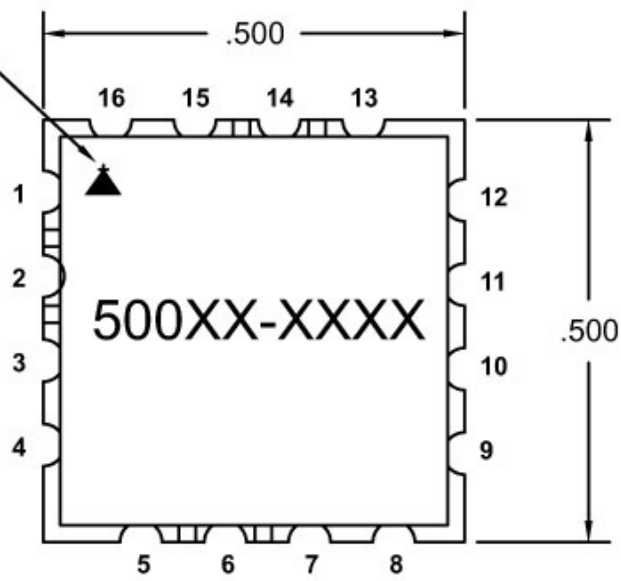
Supply Voltage	10 Vcc
Supply Current	40 mA
Load Impedance	50
Operating Temperature	-40 to 85 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



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