

**K1526LC SERIES**  
Low Cost Surface Mount VCOs

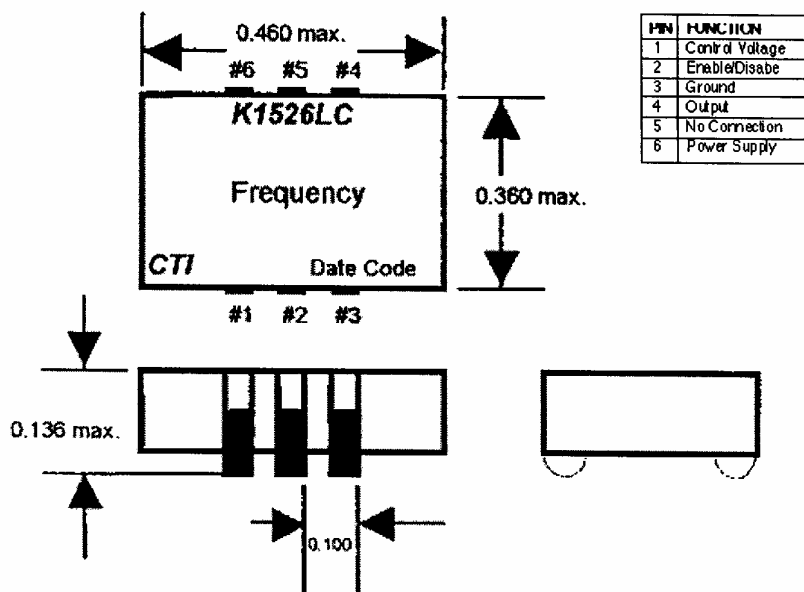
- ▲ 2.0 MHz to 40.0 MHz Frequency Range
- ▲ 0.5V to 4.5V Control Voltage
- ▲ Enable/Disable Function Option for Automatic Testing
- ▲ -40°C to 85°C Operating Temperature
- ▲ Tape and Reel
- ▲ General PLL Applications
- ▲ Small Package Size
- ▲ Substantial Savings Possible for Many Applications

Samples Available

ELECTRICAL SPECIFICATIONS (Preliminary)	
Parameters	
Frequency Range (MHz)	2.0 to 40.0
Operating Temperature	-40°C to 85°C
Frequency Control Function	
Nominal Control Voltage	+2.5V
Voltage Control Range	.05V to 4.5V
Minimum Tuning Limit (MTL)*	±50 ppm
Total Pull Range (Typical)	±120 ppm
Linearity	< 20%
Modulation Bandwidth	> 20 KHz
Transfer Function	Positive
Input Impedance	> 50Ω @ 10KHz
Supply Voltage	5V ± 5%
Input Current	< 26 mA
Output	TTL/CMOS

\*MTL > (Total Pull Range) - Frequency variations due to calibration, temperature, power supply, and aging

MECHANICAL DIMENSIONS



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