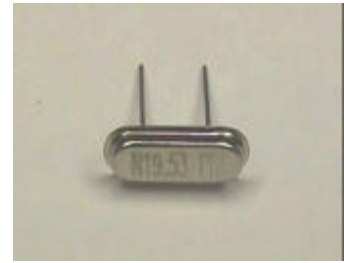


The L3 series provides a broad range of frequencies, and a low profile height, packaged in a robust, high reliability enclosure. The L3 has an extremely low cost with excellent electrical parameters.



ADVANTAGES

- † Through Hole
- † Low Height
- † Hermetic Package
- † 100MHz Operating Frequency

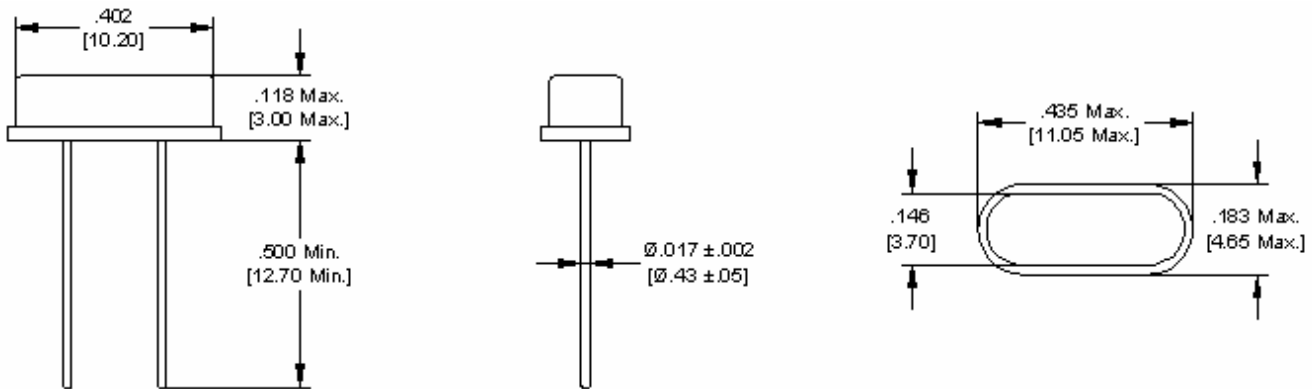
APPLICATIONS

- † Telecommunications
- † Set Top Box
- † Microprocessors
- † Personal Computers
- † Disc Drive
- † Modem Chip Sets

ELECTRICAL PERFORMANCE (Ta=25°C)

PARAMETER	MINIMUM	MAXIMUM	UNITS
Center Frequency	3.200	100.000	MHz
Oscillation Mode	Fundamental and 3rd Overtone		
Maximum Series Resistance	20.000	100.000	Ohms
Frequency Stability at +25°C (See Note 2)	±50.0ppm Typ.	±100.00	ppm
Frequency Stability Over Temperature	±50.0ppm Typ.	±100.00	ppm
Operating Temperature Range (See Note 2)	-20	70	°C
Storage Temperature Range	-55	125	°C
Drive Level	100.0uW Typical	10.0mW	
Seal Method	Resistance Weld		
Shunt Capacitance	1.000	7.000	pF
Motional Capacitance	Customer Request		
Load Capacitance	Series	40.000	pF
Aging per year	±2.0	±5.0	ppm

Parameter	Standard Observed
Mechanical Shock	MIL-STD-202 Method 213, Condition C
Vibration	MIL-STD-202 Method 201, 204, and 214
Hermeticity	MIL-STD-202, Method 112
Solderability	IPC/EIA-STD-002A



- NOTES**
- 1) To order, state part number, options and nominal frequency e.g. L3 100.000MHz
 - 2) Other temperature ranges, stabilities and electrical parameters are readily available upon request.
 - 3) Other specifications available upon request.