

## FEATURE

- Wide Frequency range
- High shock tolerance
- Small size
- Reliable frequency stability



## APPLICATIONS

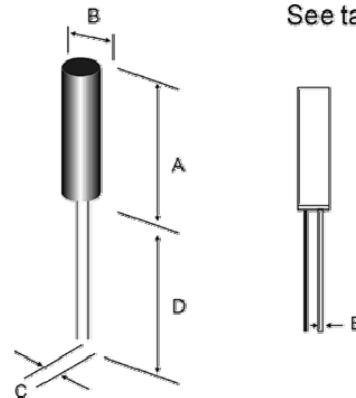
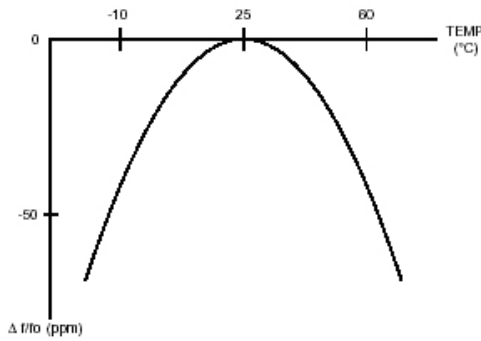
- Microprocessor Systems
- Consumer Electronics
- Instrumentation
- Automotive electronics

## ELECTRICAL SPECIFICATIONS

Frequency range	30.000KHz ~ 350.000KHz
Frequency Tolerance (at 25 °C)	±20ppm ~ ±100ppm
ESR	32KHZ ~ 40KHZ, 40Kohm Max;
	40KHZ ~ 60KHZ, 30Kohm Max;
	60KHZ ~ 70KHZ, 25Kohm Max;
	70KHZ ~ 200KHz, 22Kohm Max;
	200KHZ ~ 350KHz, 20Kohm Max;
Turnover Temperature	25 ± 5 °C
Frequency Temperature Curve	-0.034(±0.006)ppm/°C <sup>2</sup>
Storage Temperature Range	-55 °C to +125 °C
Operable Temperature Range	-10 °C -- + 60 °C, -20 °C -- + 70 °C, -40 °C -- + 85 °C
Shunt Capacitance (C0)	1.5pF Typ
Dynamic Capacitance (C1)	3.0 fF Typ
Driver Level (Typical)	1 μW Max
Load Capacitance(C <sub>L</sub> )	6.0pF ~ 12.5 pF, or specify
Aging @25°C 1 <sup>st</sup> year (Max)	±3ppm, ±5ppm/year

**REMARK:** SPECIFICATIONS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE. PLEASE CONFIRM WITH OUR SALES ENGINEER.

**FREQUENCY VS TEMPERATURE CURVE**    **DIMENSION** (Unit: mm)



**Table 1**

MODEL	A	B	C	D	E
2×6mm	6.3	1.95	0.7	7.0	0.2
3×8mm	8.3	3.1	1.1	10.0	0.3

**PART NUMBER**

