

**Features**

- .High shock tolerance.
- .Small size.
- .Good frequency stability
- .Application: Microprocessor systems, Consumer electronics, Instrumentation, Automotive electronics
- .RoHS Compliant / Pb Free



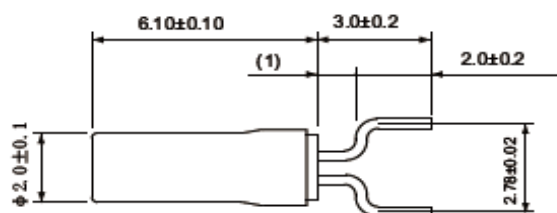
**Electrical Specifications**

Item/Type	MK60
Frequency Range	30.000~350KHz, 32.768KHz typical
Frequency Tolerance (at 25°C)	±20ppm,or specify
Operation Temperature Range	- 40 ~ + 85 °C,or specify
Shunt Capacitance (C0)	1.5pF typical
Motional Capacitance (C1)	3.0fF typical
Insulation Resistance (IR)	100 MΩ Min
Drive Level (DL)	1.0μW Max.
Load Capacitance( CL)	6.0 pF , 7.0 pF , 9 pF , 12.5 Pf
Turnover Temperature (Ti)	25±5 °C
Parabolic Coefficient (B)	( - 0.034± 0.006 ) * 10 <sup>-6</sup> / °C <sup>2</sup>
Aging @25°C	±5ppm / year Max,or,±3ppm / year Max
Storage Temperature Range	- 55 ~ +125 °C

**Equivalent Series Resistance(ESR)**

32~40KHz	40KΩ Max	70~200KHz	25KΩ Max
40~70KHz	30KΩ Max	200~350KHz	20KΩ Max

**Dimensions**



Units: mm