

FEATURE

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

APPLICATIONS

- Microprocessor Systems
- Consumer Electronics
- Instrumentation
- Automotive electronics



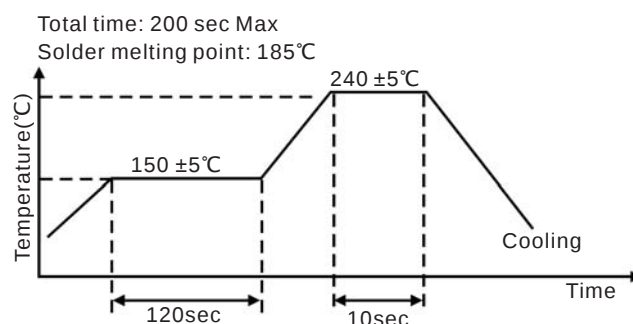
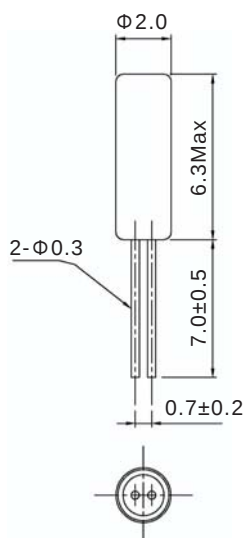
ELECTRICAL SPECIFICATIONS

Frequency Range	6.000MHz to 30.000MHz
Frequency Tolerance(at 25°C)	±10ppm to ±100ppm
Frequency Stability	±10ppm to ±100ppm
Load Capacitance(C_L)	20pF, or specify
Equivalent Series Resistance	See Below Table
Operating Temperature Range	-10°C to +60°C, -20°C to +70°C, -40°C to +85°C
Storage Temperature Range	-40°C to +85°C
Aging @25°C 1 st year (Max)	±5ppm/year
Shunt Capacitance(C_0)	5.0pF Max
Drive Level(Typical)	100 μ W Max
Insulation Resistance	500M Ω Min at DC100V

EQUIVALENT SERIES RESISTANCE(ESR) AND OSCILLATION MODE

Frequency(MHz)	E.S.R(Ω)	Mode	Frequency(MHz)	E.S.R(Ω)	Mode
6.000~9.999	120Max	Fundamental	20.000~30.000	80Max	Fundamental
10.000~19.999	100Max	Fundamental			

DIMENSIONS AND REFLOW SOLDERING PROFILE



PART NUMBER

GMK-AT-26-	12.000	20	30	B	30	100
	Frequency 12.000 12.000MHz	Load Cap. 20:20pF 00:Series	Frequency Tolerance 30:±30ppm	Operating Temperature A:-10~60°C B:-20~70°C C:-40~85°C	Frequency Stability 30:±30ppm	E.S.R. Max 100:100 Ω