

FEATURE

- Extremely small SMD type crystal units.
- High precision and high frequency stability.
- Excellent heat resistance and environmental characteristics.
- RoHS Compliant / Pb Free
- Applications in PDA, DVC, PC, etc.



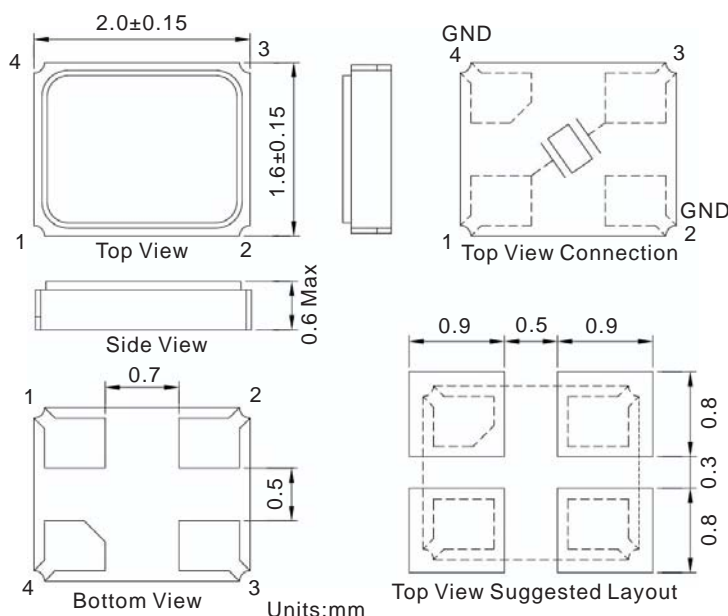
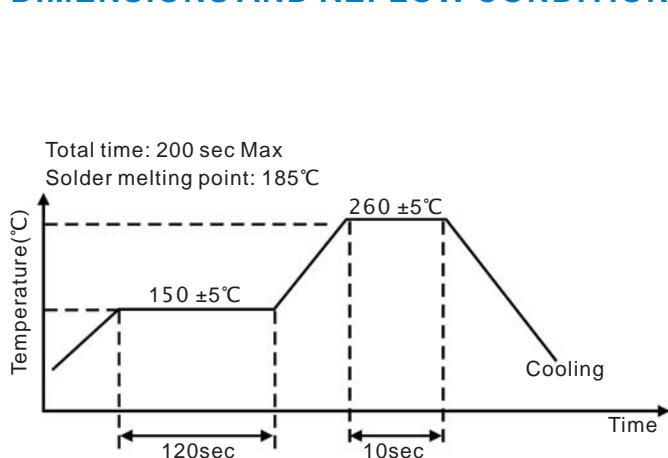
ELECTRICAL SPECIFICATIONS

Frequency Range	24.000MHz to 60.000MHz
Mode	See below table
Frequency Tolerance	±10ppm to ±1000ppm @25°C
Frequency Stability	±10ppm to ±1000ppm
Equivalent Series Resistance	See below table
Operating Temperature Range	-20°C to +70°C (typical), -10°C to +60°C, -40°C to +85°C
Storage Temperature Range	-40°C to +85°C
Load Capacitance(C _L)	8pF, 10pF, 12pF, or specify
Shunt Capacitance(C ₀)	7.0pF Max
Drive Level(Typical)	10μW Typical
Aging @25°C 1 st year (Max)	±5ppm/year
Insulation Resistance	More than 500MΩ at DC100V

EQUIVALENT SERIES RESISTANCE(ESR) AND OSCILLATION MODE

Frequency(MHz)	E.S.R(Ω)	Mode	Frequency(MHz)	E.S.R(Ω)	Mode
24.000~25.999	80Max	Fundamental	49.000~60.000	50Max	Fundamental
26.000~39.999	60Max	Fundamental			

DIMENSIONS AND REFLOW CONDITION



PART NUMBER

GMK-SSMD2016-	26.000	20	30	B	30	60
	Frequency 26.000 26.000MHz	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 60:60Ω