



SEAM SEALED CERAMIC 7.0x5.0 Surface Mount Package

FEATURE

- Ultra thin, thickness 1.0mm
- Leadless type
- High precision characteristic covering up to high frequency range
- Automatic mounting
- Embossed taping specification
- Reflow soldering
- Ideally suited designed for disc drives, NB, PC and hand-held electronic products



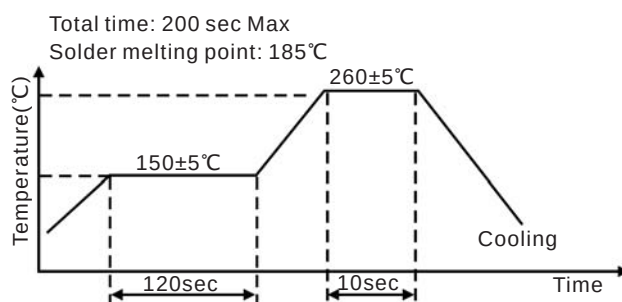
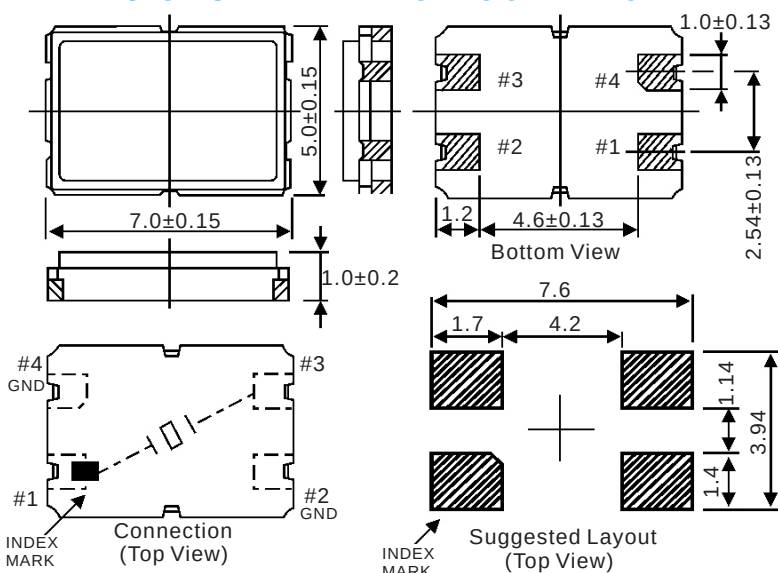
ELECTRICAL SPECIFICATIONS

Frequency Range	8.000MHz to 110.000MHz
Load Capacitance(C_L)	20pF, or specify
Frequency Tolerance(at 25°C)	±10ppm to ±100ppm
Frequency Stability	±10ppm to ±100ppm
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 / -55°C to +125°C
Aging @25°C 1 st year (Max)	±5ppm/year
Shunt Capacitance(C_0)	7pF Max
Drive Level(Typical)	100 μ W Typical
Insulation Resistance	More than 500M Ω at DC100V

EQUIVALENT SERIES RESISTANCE(ESR) AND OSCILLATION MODE

Frequency(MHz)	E.S.R(Ω)	Mode	Frequency(MHz)	E.S.R(Ω)	Mode
5.500~7.999	100Max	Fundamental	14.000~19.999	40Max	Fundamental
8.000~9.999	60Max	Fundamental	20.000~35.000	30Max	Fundamental
10.000~13.999	50Max	Fundamental	35.000~150.000	80Max	3rd Overtone

DIMENSIONS AND REFLOW CONDITION



PART NUMBER

GMK-SSMD7050-	25.000	20	30	B	30	30
	Frequency 25.000 25.000MHz	Load Cap. 20:20pF	Frequency Tolerance 30:±30ppm	Operating Temp A:-10~60°C B:-20~70°C C:-40~85°C	Frequency Stability: 30:±30ppm	E.S.R. Max 30:30 Ω