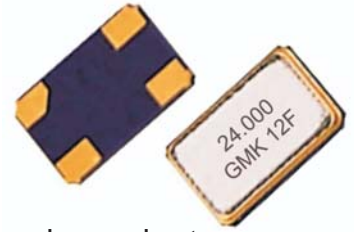




SEAM SEALED CERAMIC 5.0x3.2 Surface Mount Package

FEATURE

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



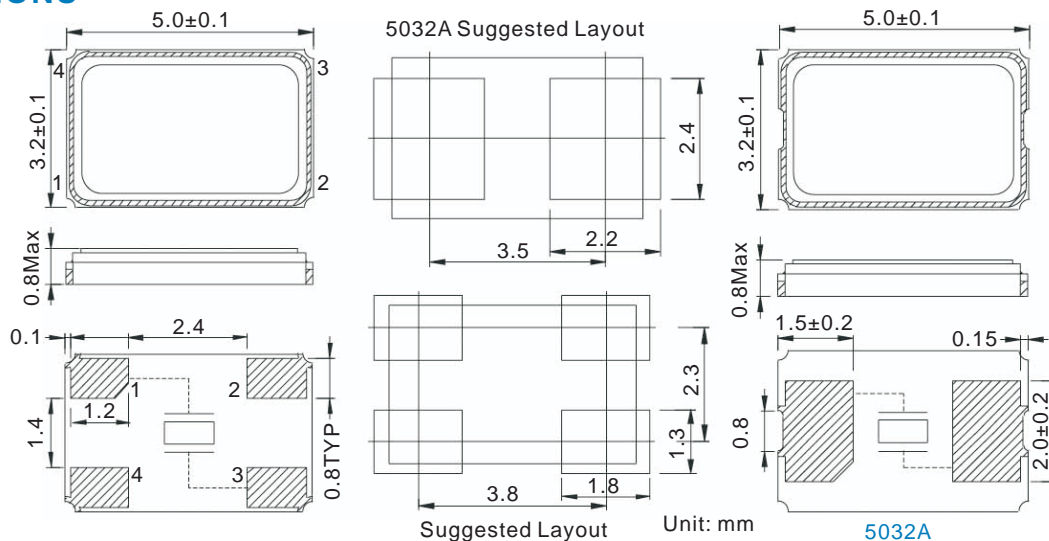
ELECTRICAL SPECIFICATIONS

Frequency Range	8.000MHz to 150.000MHz
Load Capacitance(C _L)	16pF, 20pF, or specify
Frequency Tolerance	±10ppm to ±100ppm @25°C
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 μW 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
8.000~9.999	100Max	Fundamental	20.000~23.999	40Max	Fundamental
10.000~11.999	80Max	Fundamental	24.000~50.000	30Max	Fundamental
12.000~15.999	60Max	Fundamental	40.000~150.000	80Max	3rd Overtone
16.000~19.999	50Max	Fundamental			

DIMENSIONS



PART NUMBER

GMK-SSMD5032-	25.000	20	30	B	30	30
	Frequency 25.000 25.000MHz	Load Cap. 20:20pF 00:Series	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 30:30Ω