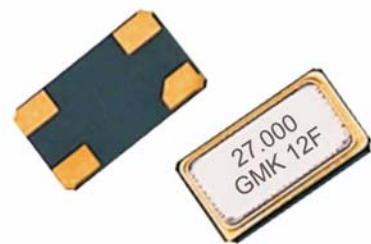


# SEAM SEALED CERAMIC 6.0x3.5 Surface Mount Package



## FEATURE

- Ultra thin, thickness 1.0mm
- Leadless type
- High precision characteristic covering up to high frequency range
- Automatic mounting
- Embossed taping specification
- Suitable for solder reflow



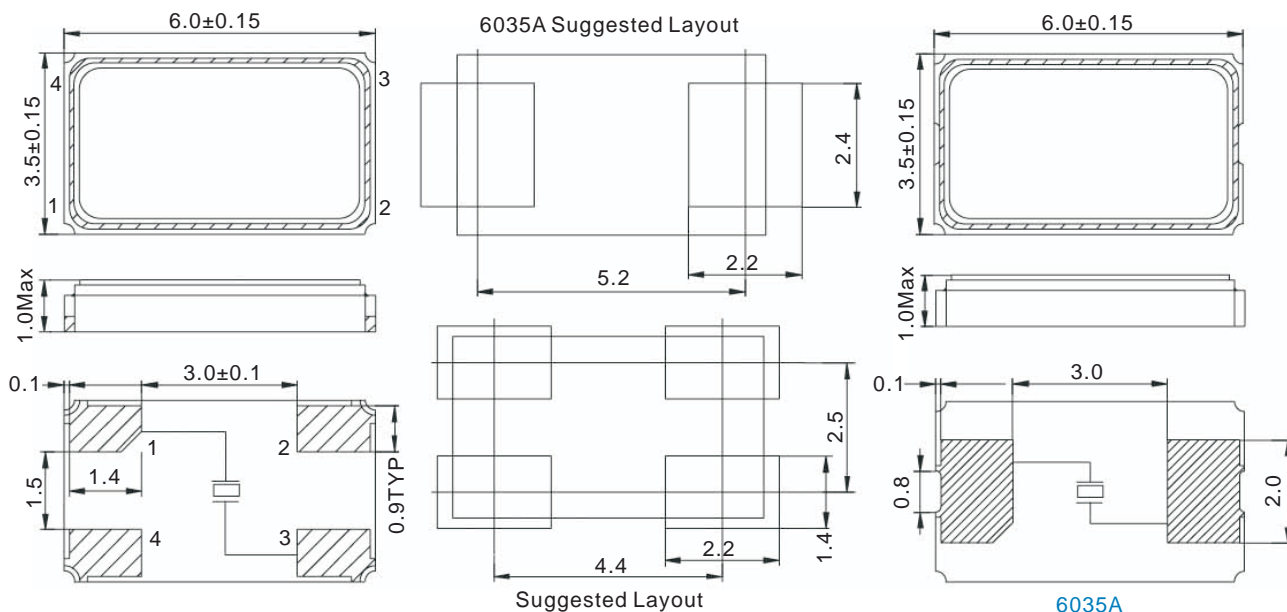
## ELECTRICAL SPECIFICATIONS

Frequency Range	7.600MHz to 150.000MHz
Load Capacitance(C <sub>L</sub> )	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 <sup>st</sup> year (Max)	±5ppm/year
Shunt Capacitance(C <sub>0</sub> )	7pF Max
Drive Level(Typical)	100 μW Typical
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
7.600~9.999	60Max	Fundamental	20.000~40.000	30Max	Fundamental
10.000~13.999	50Max	Fundamental	40.000~150.000	80Max	3 <sup>rd</sup> Overtone
14.000~19.999	40Max	Fundamental			

## DIMENSIONS



## PART NUMBER

GMK-SSMD6035-	<b>25.000</b>	<b>20</b>	<b>30</b>	<b>B</b>	<b>30</b>	<b>30</b>
	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