

# Series TG5

## GLASS SEALED CERAMIC 5.0 X 3.2mm SMD



### 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



### APPLICATIONS

- Ideally suited designed for disc drives, NB, PCs and hand-held electronic products

### ELECTRICAL SPECIFICATIONS

Output Frequency Range	12.000 MHz to 40.000 MHz
Mode	See Table 1*
Frequency Tolerance (at 25°C)	±30ppm ~ ±50ppm, or specify
Frequency Stability Over Operating Temperature Characteristics	-10°C ~+60°C ±30ppm, -20°C ~+70°C ±50ppm or specify
Storage Temperature Range	-55 °C to +125 °C
Operable Temperature Range	-40 °C to + 85 °C
Shunt Capacitance (C <sub>0</sub> )	5.0 pF Max
Driver Level (Typical)	10μW~100μW
Load Capacitance(C <sub>L</sub> )	Series, 16pF, 20pF, 30pF, 32pF, or specify
Equivalent Series Resistance ESR	See Table 1*
Aging @25°C 1 <sup>st</sup> year (Max)	±3ppm, ±5ppm/year
Shock Resistance	Drop test of 3 times on 2mm stainless plate from 75cm height

**REMARK:** SPECIFICATIONS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE. PLEASE CONFIRM WITH OUR SALES ENGINEER.

### Frequency and Equivalent Series Resistant

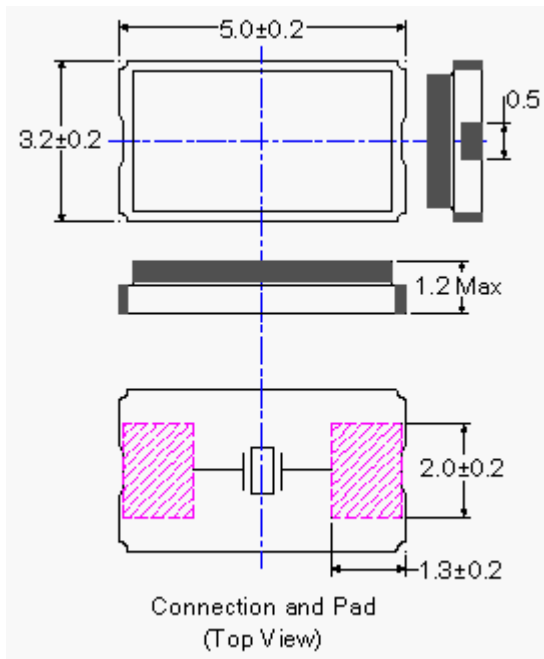
Frequency Range	E.S.R. (Ω)	Mode
12.000 MHz ~ 30.000 MHz	60 Max	Fundamental / AT
30.000 MHz ~ 40.000 MHz	45 Max	Fundamental / AT

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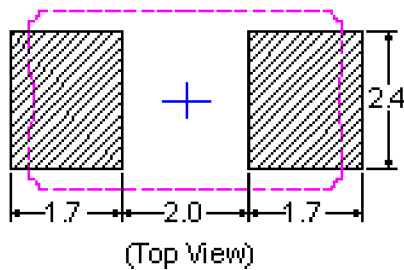
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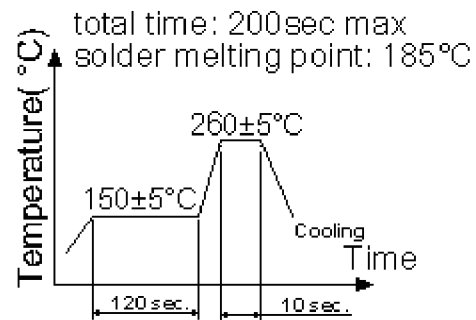
### Dimension



### Reference Land Pattern



### Reflow Condition



### PACKING

