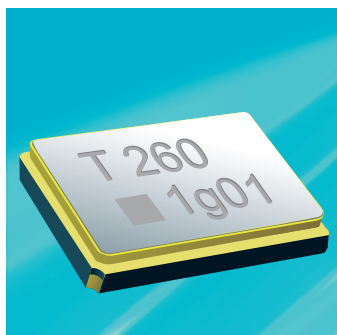




Features

- > Extremely small SMD type crystal units.
- > High precision and high frequency stability.
- > Extremely good for reducing EMI effect.
- > The best choice of Bluetooth, wireless communication set, DSC, PDA, and mobile phone.
- > RoHS Compliant / Pb Free.

Electrical Specifications

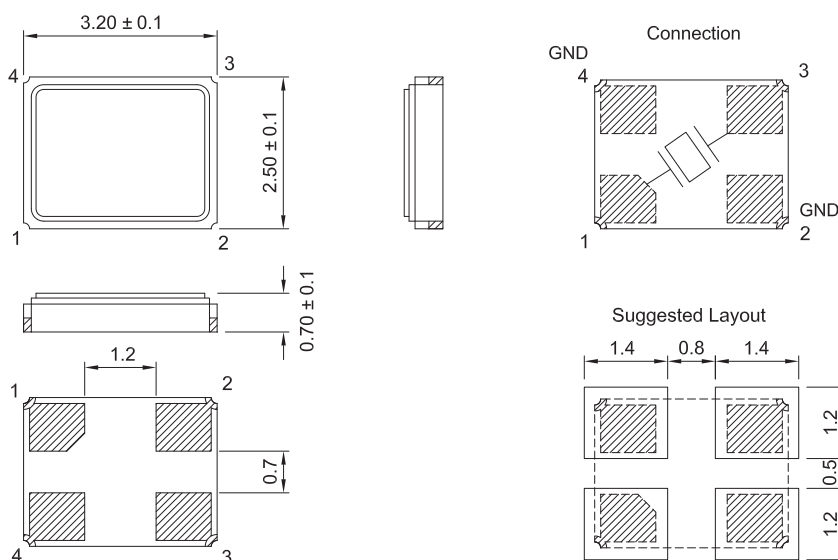
Item / Type	7M	7M(T)
Frequency Range	12 ~ 54 MHz	
Frequency Tolerance (at 25 °C)	± 30 ppm, or specify	± 10 ppm
Frequency Stability Over Operating Temperature Range	± 30 ppm, or specify	± 10 ppm
Operating Temperature Range	-10 ~ +70 °C, or specify	
Shunt Capacitance (C0)	3 pF Max.	
Drive Level	1 ~ 50 µW (10 µW typical)	
Load Capacitance	10 pF, or specify	
Aging (at 25 °C)	± 3 ppm / year Max.	± 1 ppm / year Max.
Storage Temperature Range	- 40 ~ + 85 °C	

* Please contact our sales for custom frequencies.

Equivalent Series Resistance(ESR)

Fundamental	
12 ~ 16 MHz	100 Ω Max.
16 ~ 20 MHz	80 Ω Max.
20 ~ 54 MHz	60 Ω Max.

Dimensions



Units:mm

Remark : Specification subject to change without prior notice. Please confirm with our sales. <http://www.txccorp.com>