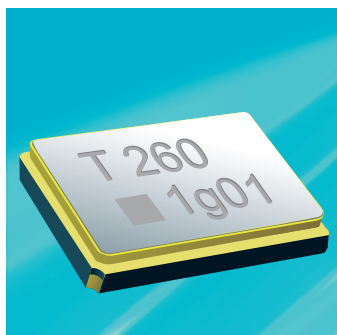




### Features

- > 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

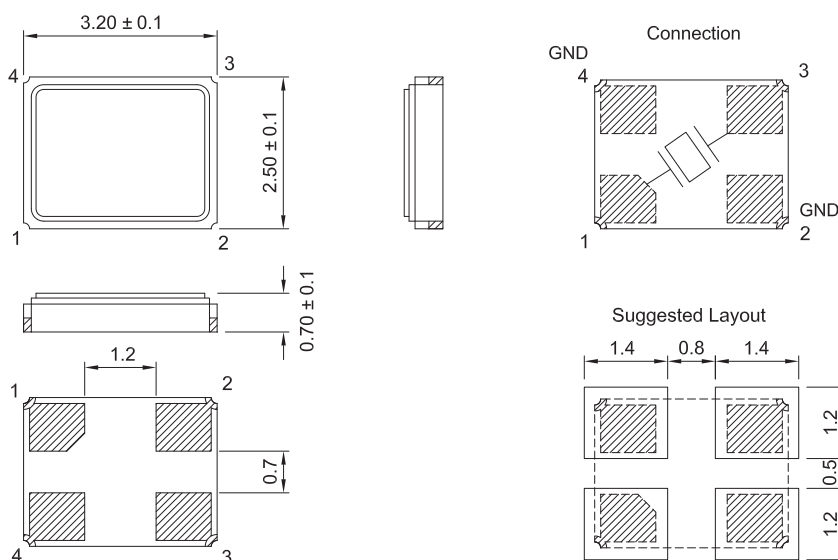
| Item / Type                                          | 7M                        | 7M(T)               |
|------------------------------------------------------|---------------------------|---------------------|
| Frequency Range                                      | 12 ~ 54 MHz               |                     |
| 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>

# Mouser Electronics

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