

Features

- > Ultra small SMD type crystal units..
- > High precision characteristics covering up to wide frequency range.
- > Higher frequency stability and reliability.
- > Excellent for reducing EMI effect.
- > The best choice of Bluetooth, wireless communication set, DSC, PDA, mobile phone and USB interface card.
- > RoHS Compliant / Pb Free

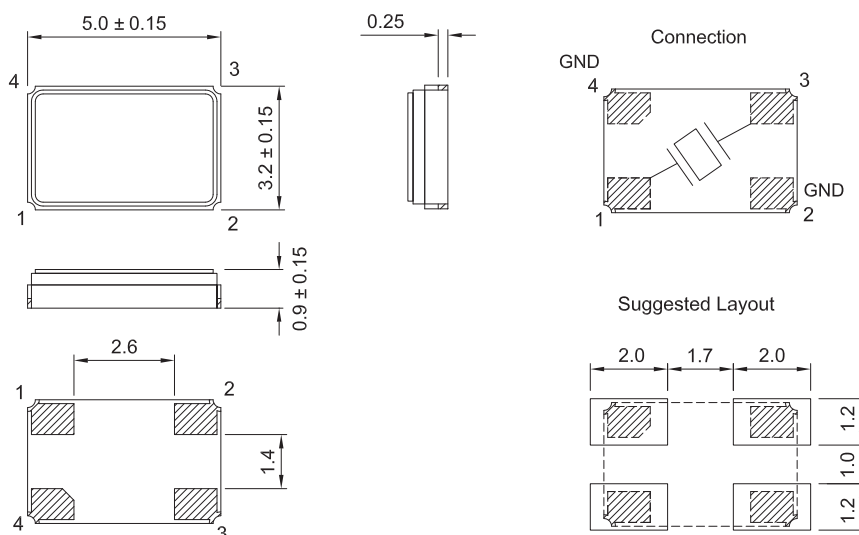
Electrical Specifications

Item / Type	7B
Frequency Range	8 ~ 100 MHz
Frequency Tolerance (at 25 °C)	± 10 ppm, or specify
Frequency Stability Over Operating Temperature Range	± 10 ppm (-20 ~ +70 °C), or specify
Operating Temperature Range	- 40 ~ + 85 °C
Shunt Capacitance (C0)	5 pF Max. (2 pF typical)
Drive Level	1 ~ 100 μW (10 μW typical)
Load Capacitance	10 pF, or specify
Aging (at 25 °C)	± 3 ppm / year Max.
Storage Temperature Range	- 55 ~ + 125 °C

Equivalent Series Resistance(ESR)

Fundamental		3rd Overtone	
8 ~ 12 MHz	100 Ω Max.	40 ~ 60 MHz	120 Ω Max.
12 ~ 48 MHz	40 Ω Max.	60 ~ 100 MHz	80 Ω Max.

Dimensions



Units:mm

Remark : Specification subject to change without prior notice. Please confirm with our sales.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TXC Corporation:](#)

[7B-12.000MEEQ-T](#) [7B-12.288MEEQ-T](#) [7B-13.000MEEQ-T](#) [7B-13.560MEEQ-T](#) [7B-14.31818MEEQ-T](#) [7B-14.7456MEEQ-T](#) [7B-16.000MEEQ-T](#) [7B-16.384MEEQ-T](#) [7B-16.9344MEEQ-T](#) [7B-18.432MEEQ-T](#) [7B-19.200MEEQ-T](#) [7B-20.000MEEQ-T](#) [7B-24.000MEEQ-T](#) [7B-24.576MEEQ-T](#) [7B-25.000MEEQ-T](#) [7B-26.000MEEQ-T](#) [7B-27.000MEEQ-T](#) [7B-27.120MEEQ-T](#) [7B-28.63636MEEQ-T](#) [7B-30.000MEEQ-T](#) [7B-32.000MEEQ-T](#) [7B-36.000MEEQ-T](#) [7B-40.000MEEQ-T](#) [7B-48.000MEEQ-T](#) [7B-10.000MEEQ-T](#) [7B-15.360MEEQ-T](#) [7B-37.500MEEE-T](#) [7B-26.000MDDI-](#)

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