

## 5 x 3.2 mm SMD SEAM CRYSTAL 7B SERIES



### 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

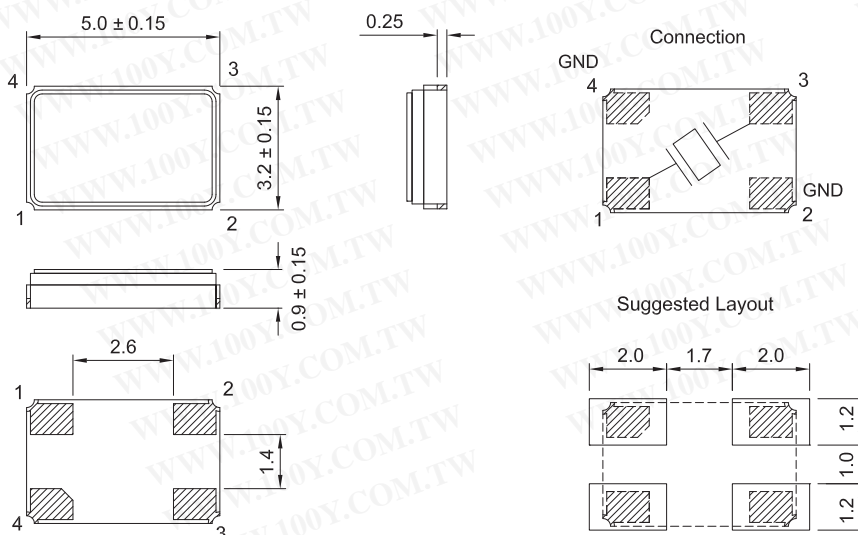
Item / Type	7B	7B(T)
Frequency Range	8 ~ 100 MHz	
Frequency Tolerance (at 25 °C)	± 30 ppm, or specify	± 10 ppm
Frequency Stability Over Operating Temperature Range	± 30 ppm, or specify	± 10 ppm
Operating Temperature Range	-10 ~ +70 °C, or specify	
Shunt Capacitance (C0)	5 pF Max. (2 pF typical)	
Drive Level	1 ~ 100 μW (10 μW typical)	
Load Capacitance	10 pF, 16 pF, 20 pF, or specify	6 pF, 9 pF, 10 pF, 12 pF, 16 pF
Aging (at 25 °C)	± 3 ppm / year Max.	± 1 ppm / year Max.
Storage Temperature Range	- 40 ~ + 85 °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.

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### Dimensions



Units:mm

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