



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)	± 30 ppm, or specify
Frequency Stability Over Operating Temperature Range	± 30 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	18 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-11.0592MAAJ-T	7B-12.000MAAJ-T	7B-12.288MAAJ-T	7B-13.000MAAJ-T	7B-13.560MAAJ-T	7B-14.31818MAAJ-T
7B-14.7456MAAJ-T	7B-16.000MAAJ-T	7B-16.384MAAJ-T	7B-16.9344MAAJ-T	7B-18.432MAAJ-T	7B-19.200MAAJ-T
7B-20.000MAAJ-T	7B-24.000MAAJ-T	7B-24.576MAAJ-T	7B-25.000MAAJ-T	7B-26.000MAAJ-T	7B-27.000MAAJ-T
7B-27.120MAAJ-T	7B-28.63636MAAJ-T	7B-30.000MAAJ-T	7B-32.000MAAJ-T	7B-36.000MAAJ-T	7B-40.000MAAJ-T
7B-48.000MAAJ-T	7B-10.000MAAJ-T	7B-29.4912MAAJ-T	7B-50.000MAAJ-T	7B-8.000MAAJ-T	7B-11.2896MAAJ-T
7B-15.360MAAJ-T	7B12000046	7B16000202	7B25000001	7B26000005	7B20000007
7B27000003	7B26000241	7B24500002	7B26070001	7B25000041	7B12000117
7B24500006	7B26000134	7B13000111	7B08070001	7B48070001	7B14300110
7B18400003	7B20000014	7B12000199	7B13400001	7B32700038	7B28800001
7B25000023	7B13500045	7B24000038	7B20000050	7B12070003	7B48000030
7B16000140	7B12000279	7B12000162	7B27170002	7B25000087	7B20000001
7B08000001	7B16000159	7B24000008	7B14300101	7B27000049	7B16000113
7B25070003	7B28670001	7B25000019	7B25000167	7BA1200001	7B25000012
7B13570001	7B13500036	7B25000096	7B37500010	7B14770001	7B50000003
7B14300147	7B10000002	7B25000021	7B08020001	7B25020003	7B16000001
7B27000030	7B14300049	7B25000103	7B16000020	7B11000024	7B32070002
7B24500042	7B14700101	7B13500006	7B24000065		