



Features

- > Resistance welded type crystal units.
- > A great number of standard frequencies.
- > Higher frequency pullability and lower equivalent series resistance.
- > Lower cost and highly mass production capability.
- > The best choice of TV, STB, LCDM and Cable Modem.
- > RoHS Compliant / Pb Free

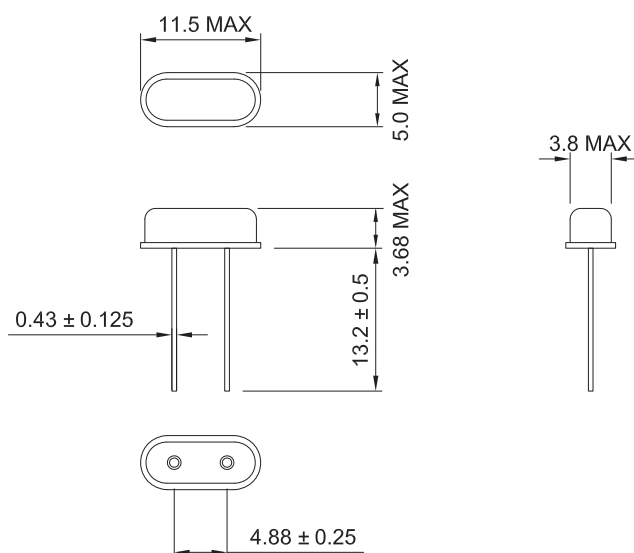
Electrical Specifications

Item / Type	9B
Frequency Range	3.2 ~ 90 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	- 20 ~ +70 °C
Shunt Capacitance (C0)	7 pF Max.
Drive Level	1 ~ 500 µW (100 µW typical)
Load Capacitance	18 pF, or specify
Aging (at 25 °C)	± 3 ppm / year Max.
Storage Temperature Range	- 40 ~ + 85 °C

Equivalent Series Resistance(ESR)

Fundamental		3rd Overtone	
3.2 ~ 3.686 MHz	200 Ω Max.	27 ~ 30 MHz	100 Ω Max.
3.686 ~ 5 MHz	150 Ω Max.	30 ~ 50 MHz	80 Ω Max.
5 ~ 10 MHz	80 Ω Max.	50 ~ 90 MHz	60 Ω Max.
10 ~ 14 MHz	40 Ω Max.		
14 ~ 30 MHz	30 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:

[9B-10.000MEEJ-B](#) [9B-11.0592MEEJ-B](#) [9B-11.2896MEEJ-B](#) [9B-12.000MEEJ-B](#) [9B-12.288MEEJ-B](#) [9B-13.560MEEJ-B](#) [9B-14.31818MEEJ-B](#) [9B-14.7456MEEJ-B](#) [9B-15.360MEEJ-B](#) [9B-16.000MEEJ-B](#) [9B-16.384MEEJ-B](#) [9B-18.432MEEJ-B](#) [9B-19.200MEEJ-B](#) [9B-20.000MEEJ-B](#) [9B-22.000MEEJ-B](#) [9B-22.1184MEEJ-B](#) [9B-24.000MEEJ-B](#) [9B-24.576MEEJ-B](#) [9B-25.000MEEJ-B](#) [9B-26.000MEEJ-B](#) [9B-27.000MEEJ-B](#) [9B-28.63636MEEJ-B](#) [9B-30.000MEEJ-B](#) [9B-35.328MEEJ-B](#) [9B-36.000MEEJ-B](#) [9B-48.000MEEJ-B](#) [9B-50.000MEEJ-B](#) [9B-8.000MEEJ-B](#) [9B-8.192MEEJ-B](#) [9B-28.63636MEEQ-B](#) [9B-48.000MEEQ-B](#) [9B-48.000MFEQ-B](#) [9B-27.000MDDJ-B](#) [9B-30.000MDDJ-B](#) [9B-13.22563MDIE-B](#) [9B-18.432MAAQ-B](#) [9B-18.432MABQ-B](#) [9B-3.579545MEHE-B](#) [9B-4.000MEEK-B](#)