

Features

- > Surface mount type crystal units.
- > A great number of standard frequencies.
- > High frequency pullability and low equivalent series resistance.
- > Highly mass production capability.
- > The best choice of PC, STB, LCDM, and Cable Modem.
- > RoHS Compliant / Pb Free.

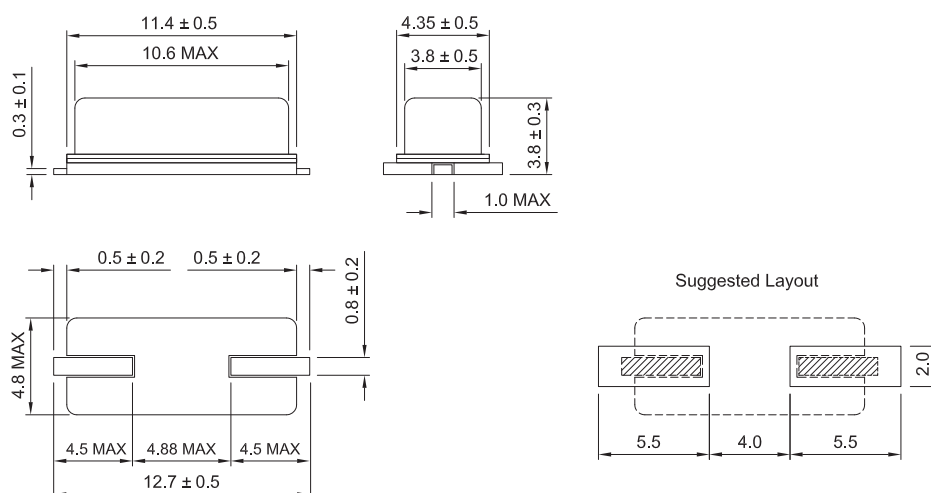
Electrical Specifications

Item / Type	9C
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	- 40 ~ + 85 °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	- 55 ~ + 125 °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:

[9C-10.000MEEJ-T](#) [9C-11.0592MEEJ-T](#) [9C-11.2896MEEJ-T](#) [9C-12.000MEEJ-T](#) [9C-12.288MEEJ-T](#) [9C-13.560MEEJ-T](#) [9C-14.31818MEEJ-T](#) [9C-14.7456MEEJ-T](#) [9C-15.360MEEJ-T](#) [9C-16.000MEEJ-T](#) [9C-16.384MEEJ-T](#) [9C-18.432MEEJ-T](#) [9C-19.200MEEJ-T](#) [9C-20.000MEEJ-T](#) [9C-22.000MEEJ-T](#) [9C-22.1184MEEJ-T](#) [9C-24.000MEEJ-T](#) [9C-24.576MEEJ-T](#) [9C-25.000MEEJ-T](#) [9C-26.000MEEJ-T](#) [9C-27.000MEEJ-T](#) [9C-28.63636MEEJ-T](#) [9C-30.000MEEJ-T](#) [9C-35.328MEEJ-T](#) [9C-36.000MEEJ-T](#) [9C-48.000MEEJ-T](#) [9C-50.000MEEJ-T](#) [9C-8.000MEEJ-T](#) [9C-8.192MEEJ-T](#) [9C-16.000MEEK-T](#) [9C-37.500MEEE-T](#) [9C-13.824MEEK-T](#) [9C-27.000MDDI-T](#) [9C-25.000MFIQ-T](#) [9C-26.000MDDI-T](#) [9C-16.000MEIJ-T](#) [9C-17.1776MFHK-T](#) [9C-25.600MEEJ-T](#) [9C-25.000MEEE-T](#) [9C-3.579545MDHJ-T](#) [9C-6.78881MEEK-T](#) [9C-8.000MEEE-T](#)