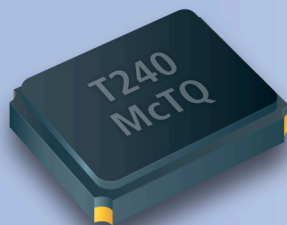


SMD Glass Sealing Crystals

2.5 x 2.0 x 0.75 mm 7S Series



Features

- 4 pads SMD glass sealed Crystal.
- Applications for NB, DSC, USB, Variety of compact portable consumer products reference clocks.
- High reliable environmental performance.
- Contains Pb in sealing glass exempted by RoHS directive.

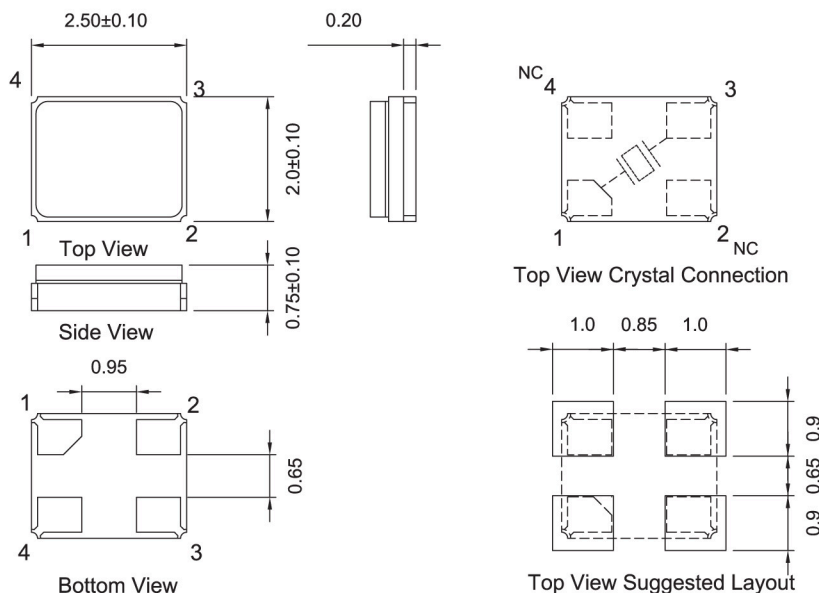
Electrical Specifications

Item / Type	7S
Frequency Range	12 ~ 64 MHz
Frequency Tolerance (at 25 °C)	± 10 ppm, ± 20 ppm, or specify
Frequency Stability Over Operating Temperature Range	± 10 ppm, ± 20 ppm, or specify
Operating Temperature Range	-10 ~ + 70 °C, or specify
Shunt Capacitance (C0)	3 pF Max.
Drive Level	1 ~ 50 μW (10 μW typical)
Load Capacitance	8 pF, 10 pF, or specify
Aging (at 25 °C)	± 3 ppm / year Max.
Storage Temperature Range	- 40 ~ + 85 °C

Equivalent Series Resistance(ESR)

Fundamental			
12 ~ 13 MHz	200 Ω Max.	20 ~ 27 MHz	80 Ω Max.
13 ~ 16 MHz	150 Ω Max.	27 ~ 64 MHz	60 Ω Max.
16 ~ 20 MHz	100 Ω Max.		

Dimensions



Units: mm

Mouser Electronics

Authorized Distributor

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

[TXC Corporation:](#)

[7S12010002](#) [7S12020001](#) [7S12077001](#) [7S-24.576MAAE-T](#) [7S-14.31818MAAE-T](#) [7S-18.432MAAE-T](#) [7S-16.000MAHK-T](#) [7S-16.000MAHJ-T](#) [7S-27.000MAAE-T](#) [7S-26.000MAAE-T](#) [7S-20.000MAHE-T](#) [7S-37.400MAHE-T](#) [7S-22.1184MAAE-T](#) [7S-25.000MAHE-T](#) [7S-25.000MAAE-T](#) [7S-19.200MAHE-T](#) [7S-48.000MAHE-T](#) [7S-16.000MAAJ-T](#) [7S-20.000MAAE-T](#) [7S-27.000MAHE-T](#) [7S-14.31818MAHE-T](#) [7S-16.000MAAE-T](#) [7S-26.000MAHE-T](#) [7S-22.1184MAHE-T](#) [7S-48.000MAAE-T](#) [7S-24.000MAHE-T](#) [7S-19.200MAAE-T](#) [7S-37.400MAAE-T](#) [7S-12.000MAAE-T](#) [7S-16.000MAAK-T](#) [7S-18.432MAHE-T](#) [7S-24.576MAHE-T](#) [7S-16.000MAHE-T](#) [7S-24.000MAAE-T](#) [7S-12.000MAHE-T](#)