



Features

- > Ceramic surface mount package
- > Applications in mobile phone, Notebook and DSC.
- > RoHS Compliant / Pb Free.

Electrical Specifications

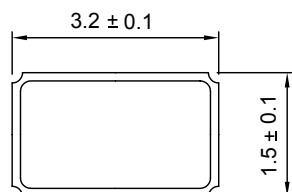
Item / Type	9HT10
Normal Frequency	32.768 KHz
Frequency Tolerance(at 25°C)	± 20 ppm
Operation Temperature Range	- 40 ~ + 85 °C
Shunt Capacitance(C0)	1.4pF typical
Motional Capacitance(C1)	6.0fF typical
Insulation Resistance(IR)	500 MΩ Min.
Drive Level(DL)	0.5 μW Max.
Load Capacitance(CL)	12.5 pF
Turnover Temperature(Ti)	25 °C ± 5 °C
Parabolic Coefficient(B)	(- 0.04 ± 0.01) * 10 ⁻⁶ / °C
Aging (at 25°C)	± 3 ppm at first year
Storage Temperature Range	- 55 ~ +125 °C

Equivalent Series Resistance(ESR)

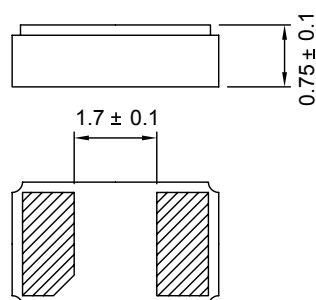
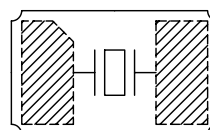
T10

70 KΩ Max.

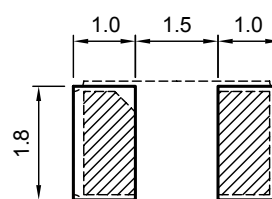
Dimensions



Connection



Suggested Layout



Units:mm

Mouser Electronics

Authorized Distributor

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

[TXC Corporation:](#)

[9HT10-32.768KAZF-T](#) [9HT10-32.768KDZC-T](#) [9HT10-32.768KDZF-T](#) [9HT10-32.768KDZY-T](#) [9HT10-32.768KEZF-T](#)
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