Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!
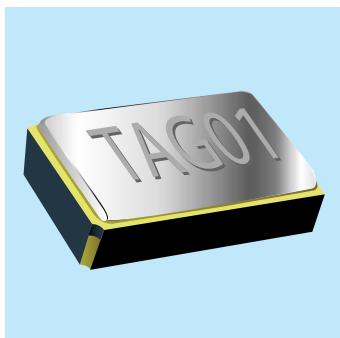

Contact us

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Quartz Crystals

SMD TUNING FORK   9HT10

Features

> **Ceramic surface mount package**

> **Applications in mobile phone, Notebook and DSC.**

> **RoHS Compliant / Pb Free.**

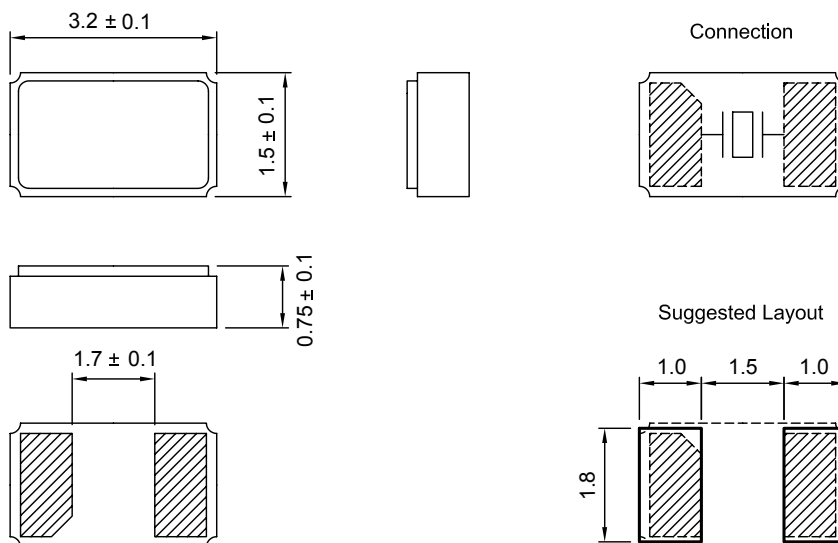## Electrical Specifications

Item / Type	9HT10
Norminal Frequency	32.768 KHz
Frequency Tolerance(at 25ºC)	± 20 ppm
Operation Temperature Range	– 40 ~ + 85 ºC
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 ºC ± 5 ºC
Parabolic Coefficient(B)	(- 0.04 ± 0.01) * 10^{-6} / ºC
Aging (at 25ºC)	± 3 ppm at first year
Storage Temperature Range	– 55 ~ +125 ºC

Equivalent Series Resistance(ESR)

T10
70 KΩ Max.

Dimensions

3.2 ± 0.1

1.5 ± 0.1

0.75 ± 0.1

1.7 ± 0.1

Connection

Suggested Layout

1.0   1.5   1.0

1.8

Units:mm