

Feature

Tuning Fork type crystal generates time keeping clock signal with low power consumption and is applied to wide range of equipment, such as watch & clock, audio/video, home application and so on.

Electrical Characteristic

1. Holder Type		DT - 38
2. Nominal Frequency		32,768 KHz
3. Load Capacitance		12.5 pF \pm 0,2 pF
4. Frequency Tolerance		\pm 20 PPM
5. Temperature Range	Operating	(- 10 °C to 60 °C)
	Storage	(- 20 °C to 70 °C)
6. Equivalent Series Resistance		35K Ohm max.
7. Shunt Capacitance		0.85 pF (typ.)
8. Motional Capacitance		2.0 pF (typ.)
9. Q - Factor		40 K min.
10. Parabolic Coefficient		-0.042ppm/(Δ °C) ² (typ.)
11. Turnover Temperture		25°C \pm 5°C
12. Shock Resistance		\pm 3 ppm max. Natural Drop 3 Times On Hard Wooden Board From Height of 75 cm.
13. Insulation Resistance		500 Mega ohms Min./ DC 100V
14. Drive Level		1 uWatts max.
15. Aging (at 25°C)		\pm 3 ppm/year max.

Dimension

