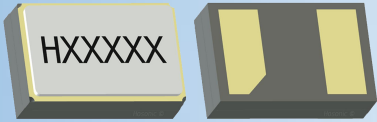


ETDH Series

1.6×1.0×0.50mm



Features

- Miniature SMD package
- Use Tuning fork quartz as the resonator for low drive power
- Tight tolerance

Application

- Time management

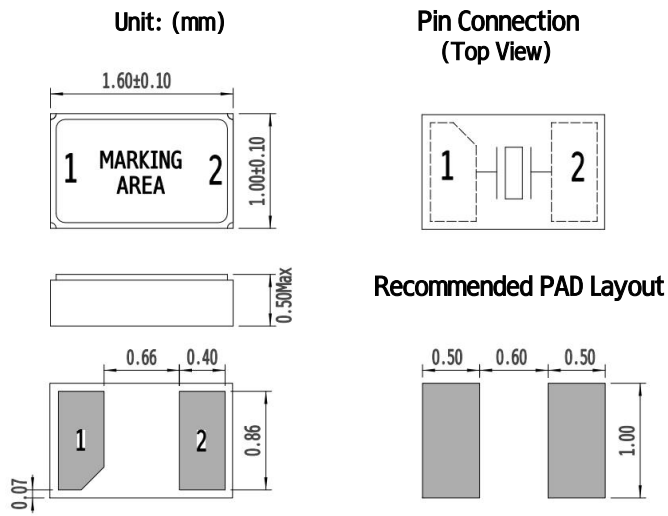
Electrical Specifications

Item	Symbol	ETDH
Frequency Range	f_{nom}	32.768kHz
Load Capacitance	CL	6pF, 7pF, 12.5pF or specify
Frequency Tolerance (At 25°C)	F_{tol}	±20 ppm, or specify
Equivalent Series Resistance	ESR	90kΩ max. (70kΩ max. option)
Temperature Coefficient	K	-0.04ppm*($\Delta^{\circ}C$) ² min.
Turnover Temperature	T_0	25±5°C
Operating Temperature Range	T_{opr}	-40 ~ +125°C, or specify
Storage Temperature Range	T_{stg}	-40 ~ +85°C
Shunt Capacitance	C_0	2pF max.
Insulator Resistance (at DC 100V)	IR	500MΩ min.
Drive Level	DL	0.5μW max.
Aging (At 25°C)	Fa	±3ppm /year max.

**Please contact us for inquiries regarding other Specifications.

Mechanical Dimensions

Package 1 :



Package 2:

