

Product Features

1. 2 pads surface mount package
2. Application for variety of consumer products reference clocks
3. Frequency Stability performance is parabola going downwards.
4. RoHS and REACH Compliant , Pb-free , Halogen-free
5. Industry Standard Package :
1.6*1.0*0.5 mm (T12 Series)

Application :

- Real Time Clock
- System in sleep mode or low energy mode Timekeeping



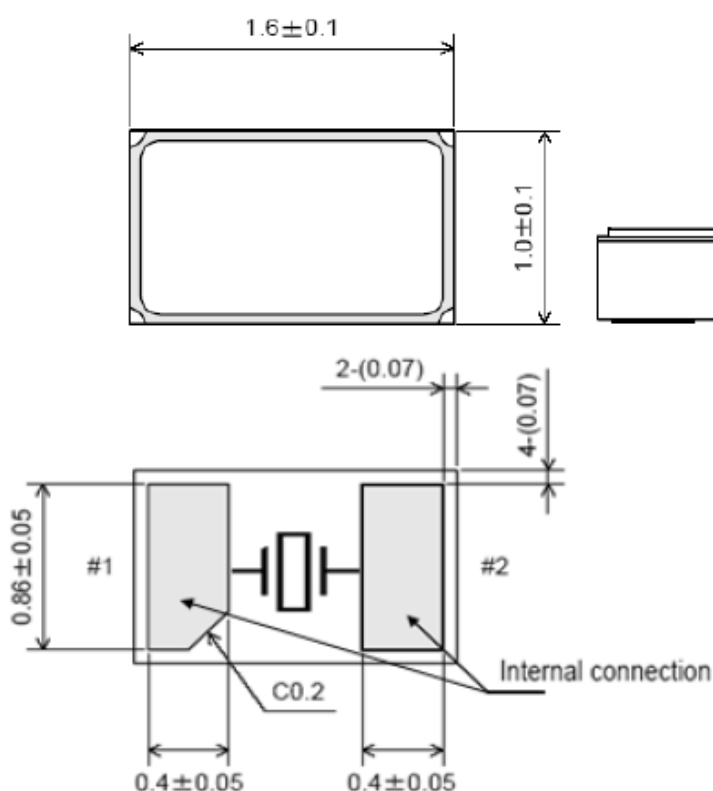
Test condition
Ambient temperature : $25 \pm 5^{\circ}\text{C}$
Relative humidity : 40% ~ 70%

● Table 1 . Electrical Specifications

| Parameters | Symbol | Min. | Typ. | Max. | Units | Notes |
|------------------------------|--------|-------------------|------|------|---------------------------|----------------------------------------------|
| Nominal Frequency | F | 32.768 | | | KHz | |
| Frequency Tolerance | FT | $\pm 10 , \pm 20$ | | | ppm | @ $25^{\circ}\text{C} \pm 3^{\circ}\text{C}$ |
| Parabolic Curvature Constant | K | -0.04 | | | ppm/ $^{\circ}\text{C}^2$ | |
| Operating Temperature | Topr | -40 | 25 | 105 | $^{\circ}\text{C}$ | |
| Load Capacitance | CL | 6 , 7 , 9 , 12.5 | | | pF | |
| Drive Level | DL | - | 0.5 | 1 | uW | |
| Equivalent Series Resistance | ESR | - | - | 90 | KOhm | |
| Aging | - | ± 3 | | | ppm | 1st Year |

Note : The table shows common spec. if you have special spec. requirement , please feel free to contact our salesperson.

■ DIMENSIONS (UNIT:mm)



■ RECOMMENDED SOLDER PAD (UNIT:mm)

