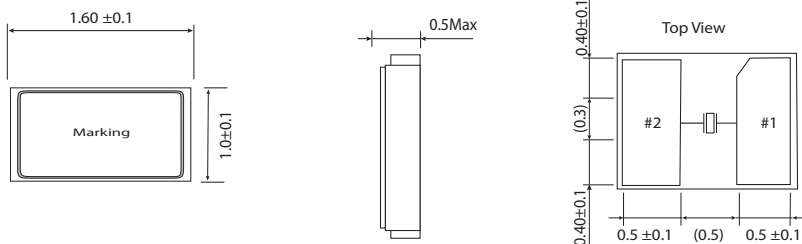


Standard Specifications

| Parameter | Symbol | Specification | Remarks |
|-----------------------------|------------------|--|--|
| Frequency Range | f_0 | 32.768 kHz | |
| Frequency Tolerance | $\Delta f/f$ | ± 20 PPM (Standard) | at 25°C with 0.1 μ W (± 10 PPM Available) |
| Frequency Stability | Over OTR | $(-3.0 \pm 1.0) \times 10^{-8}/^\circ\text{C}^2$ | |
| Operating Temperature Range | T_{OPR} | -40°C to +85°C | -40°C to +105°C Available |
| Storage Temperature Range | T_{STG} | -55°C to +125°C | |
| Load Capacity | C_L | 7.0pF (Std value) | 9pF, 12.5pF Also Available |
| Drive-Level | D_L | 0.1 μ W Typ. | 1.0 μ W Max |
| ESR | R | 60 k Ω Max. | |
| Motional Capacitance (C1) | C_0 | 1.3pF | Typical |
| Ageing | Fa | ± 3.0 PPM | Max. at 25°C $\pm 3^\circ\text{C}$ 1st Year |



Recommended Solder Pattern

