

Tuning Fork Crystal, Series

3.2 x 1.5 x 0.75 mm SMD Package

Feature

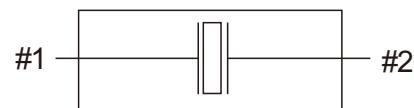
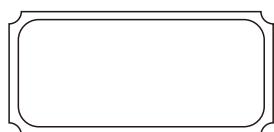
- Ultra small size 3.2*1.5*0.75 mm
- High reliability environmental performance.
- High frequency stability and high precision.
- Designed for automatic mounting and reflow soldering
- RoHS Compliant / Pb Free



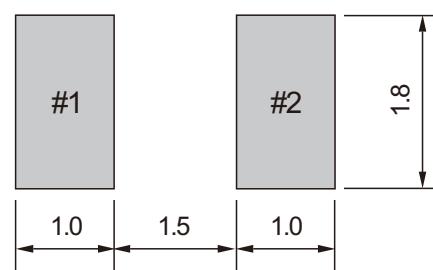
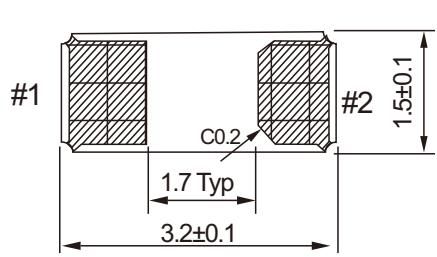
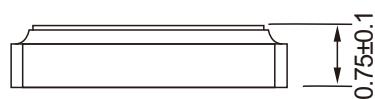
Electrical Specifications

Item	Specifications
Frequency	32.768KHz
Load Capacitance (CL)	6pF, 7pF, 9pF, 12.5pF
Frequency Tolerance(at 25°C)	±20ppm
Operating Temperature Range	-40~+85°C
Turnover Temperature	25 ± 5°C
Frequency Temperature Curve	(-0.033±10%) x 10 ⁻⁶ /°C ²
Equivalent Series Resistance (ESR) max.	50kΩ
Drive Level (Typical)	0.1μW
Drive Level (Max)	1.0μW
Shunt Capacitance(C ₀)	1.0pF Typ.
Insulation Resistance	More than 500Mohms at DC100V
Storage Temperature Range	-55°C~+125°C
Aging @25°C 1st Year (Max)	±3ppm/year

Dimension(mm)



Connection



Suggested Layout