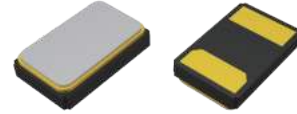


Tuning Fork Crystal, Series FCT-1M

SMD Package 1.6×1.0mm

FEATURE

- Ultra small size 1.6×1.0×0.5mm
- 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	$(-0.036 \pm 10\%) \times 10^{-6} / ^\circ\text{C}^2$
Equivalent Series Resistance (ESR) Max.	90kΩ
Driver Level (Typical)	0.1μW
Driver Level(Max)	0.5μW
Shunt Capacitance (C ₀)	1.2pF Typ.
Insulation Resistance	More than 500Mohms at DC100V
Storage Temperature Range	-55 ~ +125°C
Aging @25 °C 1st Year (Max)	±3ppm/year

DIMENSION (mm)

