

Tuning Fork Crystal, Series FCT-6M

SMD Package 6.9×1.4 mm

FEATURE

- Ultra small size 6.9×1.4×1.3 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)	±5ppm, ±10ppm, ±20ppm
Operating Temperature Range	-40 ~ +85°C
Turnover Temperature	25±5°C
Frequency Temperature Curve	$(-0.033 \pm 10\%) \times 10^{-6}/^{\circ}\text{C}^2$
Equivalent Series Resistance (ESR) Max.	65kΩ
Driver Level (Typical)	0.1μW
Driver Level(Max)	1μW
Shunt Capacitance (C ₀)	0.9pF Typ.
Insulation Resistance	More than 500Mohms at DC100V
Storage Temperature Range	-55 ~ +125°C
Aging @25 °C 1st Year (Max)	±3ppm/year

DIMENSION (mm)

