## **Tuning Fork Crystal, Series FCT-3T**

DIP Crystal ⊕3×8 mm

## **Ø FEATURE**

- Small size φ3×8mm
- A great number of standard frequencies
- Higher frequency pullability and lower equivalent series resistance
- Lower cost and highly mass production capability
- The best choice of PC and Clock
- RoHS Compliant / Pb Free



## **Q** ELECTRICAL SPECIFICATIONS

Item	Specifications
Frequency Range (kHz)	30~40 40~60 60~70 70~200 200~350
Load Capacitance (CL)	6~12.5pF, or specify
Frequency Tolerance(at 25°C)	±5ppm ~ ±100ppm
Operating Temperature Range	−20 ~ +70°C, -40 ~ +125°C or Specify
Turnover Temperature	25±5°C
Frequency Temperature Curve	$(-0.034\pm10\%) \times 10^{-6} \text{/°C}^2$
Equivalent Series Resistance (ESR) Max.	40kΩ $30kΩ$ $25kΩ$ $22kΩ$ $20kΩ$
Driver Level (Typical)	0.1μW
Driver Level(Max)	1μW
Shunt Capacitance (C <sub>0</sub> )	1.8pF Typ.
Insulation Resistance	More than 500Mohms at DC100V
Storage Temperature Range	-40 ~ +85°C
Aging @25 °C 1st Year (Max)	±5ppm/year

## **DIMENSION** (mm)

