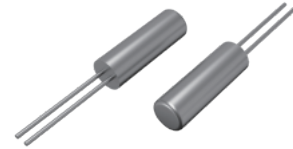


Tuning Fork Crystal, Series FCT-2T

DIP Crystal $\phi 2 \times 6$ mm

FEATURE

- Small size $\phi 2 \times 6$ mm
- A great number of standard frequencies
- Higher frequency pullability and lower equivalent series resistance
- The best choice of Clock
- RoHS Compliant / Pb Free



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) | ± 5 ppm ~ ± 100 ppm |
| Operating Temperature Range | -20 ~ +70°C, -40 ~ +125°C or Specify |
| Turnover Temperature | 25 \pm 5°C |
| Frequency Temperature Curve | $(-0.034 \pm 10\%) \times 10^{-6}/^{\circ}\text{C}^2$ |
| Equivalent Series Resistance (ESR) Max. | 40k Ω 30k Ω 25k Ω 22k Ω 20k Ω |
| Driver Level (Typical) | 0.1 μ W |
| Driver Level(Max) | 1 μ W |
| Shunt Capacitance (C_0) | 1.5pF Typ. |
| Insulation Resistance | More than 500Mohms at DC100V |
| Storage Temperature Range | -40 ~ +85°C |
| Aging @25 °C 1st Year (Max) | ± 3 ppm/year, ± 5 ppm/year |

DIMENSION (mm)

