

## K.C.C Crystal Unit(Tuning Fork Series)

Tuning Fork type crystal generates time keeping clock signal with low power consumption and is applied to wide range of equipment, such as watch & clock, audio/video, home application and so on.



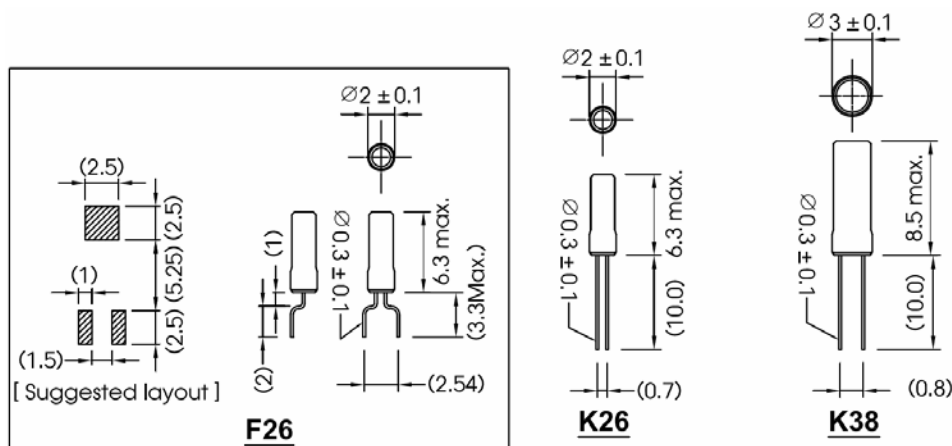
### Features & Applications

- Tuning Fork 2x6mm/3x8mm case
- High quality
- SMD package available
- RoHS Compliant / Pb Free.

### General Specifications

Parameter	K26 · F26 · K38
Frequency Range	32.768 KHz
Frequency Tolerance (at 25 °C)	±20ppm (Standard)
Parabolic Curvature Constant	-0.038ppm / (Δ°C) <sup>2</sup> (Typ.)
Operating Temperature Range	-10 to +60°C or specify (-20 ~ +70°C)
Storage Temperature Range	-40 to +85°C
Load Capacitance	12.5 pF Typical
Motional Capacitance	3.0 pF Typical
Shunt Capacitance	1.8 pF Typical
Equivalent Series Resistance	40 ~ 50KΩ
Drive Level	1 μW Max.
Aging (at 25 °C)	± 5 ppm per year (Max.)

### Outline and Dimensions [Unit: mm]



### Order Part No.:

Product name: **X 32.768 K 26 - 12 - 20 - G T**

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|---------------|-----------------------------|---|
| ① KCC Crystal | ④ Size (2x6 / 3x8mm)        | ⑦ RoHS Compliant                            |
| ② Frequency   | ⑤ Load capacitance(pF)      | ⑧ Operating temperature : T= -40°C to +80°C |
| ③ F / K Type  | ⑥ Frequency Tolerance(±ppm) |   |