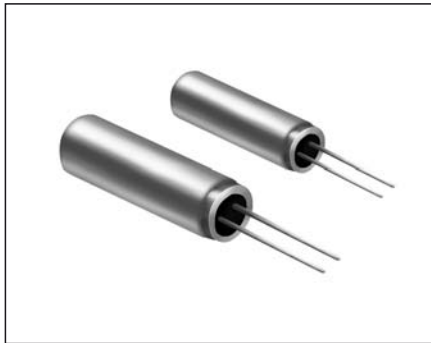


Tuning Fork

Type: KHz Range Crystal Unit 2T(2X6), 3T(3X8)



■ Features

- High Reliability, Low Cost Crystal
- Tight Stability & Extended Temperature Available
- Lead-free Type
- Form Lead SMD Type available
- Automotive Applications, please contact our sales representative

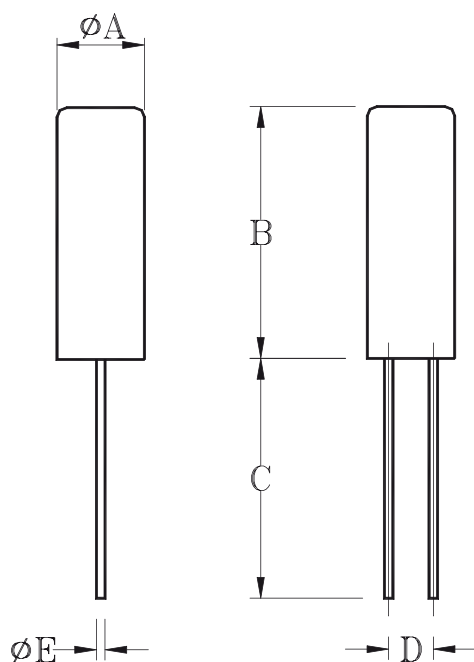
■ Standard Specification

Item	2T (2x6)	3T (3x8)
Frequency Range	30.0kHz ~ 70.0KHz	30.0kHz ~ 165KHz
Equivalent Series Resistance ESR/Rs (Measured at Series Resonance)	30KOhm ~ 50KOhm	
Frequency Tolerance at 25 °C	±30PPM is standard, but tight tolerances also available	
Frequency Stability Over Operating Temperature Range (refer to 25 °C)	±50PPM is standard, but tight tolerances also available	
Operating Temperature Range	-10°C ~+60 °C (standard), or specify	
Storage Temperature Range	-40 °C ~ +85 °C	
Load Capacitance	12.5pF is standard, or specify	
Shunt Capacitance	5.0pF MAX	
Drive Level	1μW MAX	
Insulation resistance DC100V±15V	500M Ohm MIN	
Aging	±5ppm/Year	
Sealing	1x10 ⁻² μ Pa.m ⁻³ /s MAX	
Shock Resistance	±5ppm MAX	

※ Specification subject to change without prior notice.

※ For any requirements other than the above table, please contact our sales.

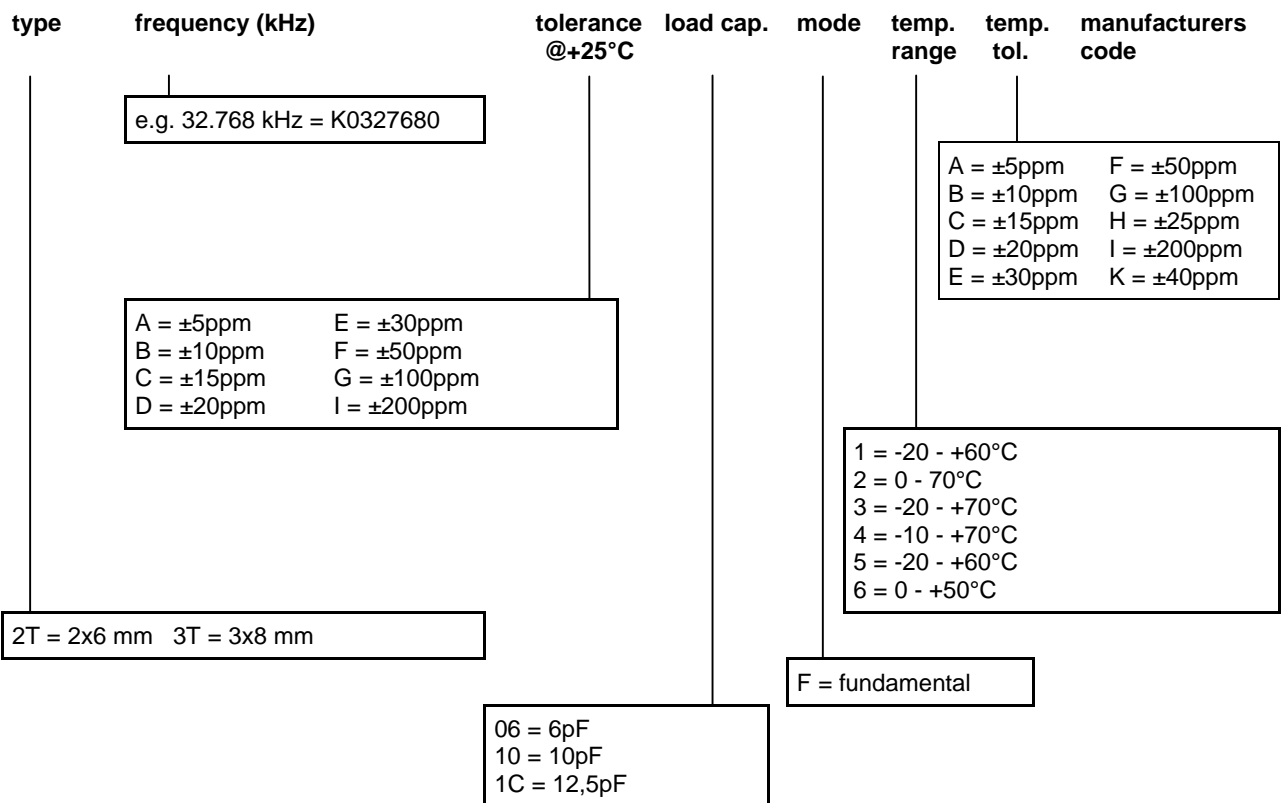
■ Dimensions (mm)



ITEM	2T	3T
A	2.0±0.1	3.0±0.1
B	6.2 MAX	8.2 MAX
C	5.0 Min	9.0 Min
D	0.7±0.1	0.8±0.1
E	0.25±0.05	0.33±0.05

Order Code Tuning Fork Crystals Series 2T, 3T

3T K



part number example:

2x6mm 32,768 kHz ±20ppm CL=12,5pF -10/+60°C

2TK0327680D1CF5G