



Tuning Fork Crystal

4918

Features

- SMD Ceramic Package
- Package Dimensions 4.9 x 1.8 x 1.0 mm³
- Low Aging
- Low Power Consumption
- RoHS Compliant

Mechanical Specifications

Outline	
Top View	
Front View	
Bottom View	
Internal Connection 	
▲ All dimensions are in mm. Tolerance is ±0.1 mm, unless otherwise specified.	

Parameters	Specifications
Series	Tuning Fork 4918 (2-pad)
Nominal Frequency	32.768 KHz
Load Capacitance, C _L	12.5 pF
Drive Level	1 uW (max.)
Frequency Tolerance @ 25°C	± 20 ppm (max.)
Operating Temperature Range (OTR)	-40°C to +85°C
Equivalent Series Resistance	70 K Ohms (max.)
Motional Capacitance, C ₁	2.0 fF (typ.)
Shunt Capacitance, C ₀	1.2 pF (typ.)
Aging @ 25°C	± 5 ppm (max.) for First year
Storage Temperature Range	-55°C to +125°C

Frequency Tolerance/ Stability Over OTR and Code	
Code	Stability
F	± 20 ppm
N	± 150 ppm

Operating Temperature Range and Code	
Code	Range
I	-40°C to +85°C

Ordering Information

Example

