

C26-LF & C38-LF Model
32.768KHz Tuning Fork Crystal

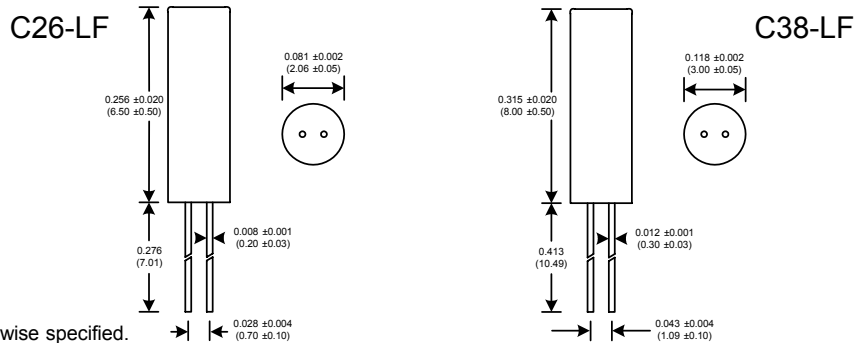
Tuning Fork Crystal



Miniature package provides excellent shock resistance and low power consumption. Offers an excellent clock source for communication and measuring equipment.



Frequency: 32.768KHz
Calibration Tolerance: ± 20 ppm @ 25°C
Turnover Temperature: 25°C ± 5 °C
Frequency vs Temp.: -0.034 ± 0.006 ppm/°C²
 (See Chart 1)
Operating Temp. Range: -10°C to 60°C
Storage: -40°C to 85°C
ESR: 35K ohm Max
Load Capacitance: 12.5pF Std.
Motional Capacitance: (C26-LF) 0.0030pF Typ.
 (C38-LF) 0.0035pF Typ.
Shunt Capacitance: (C26-LF) 1.35pF Typ.
 (C38-LF) 1.60pF Typ.
Capacitance Ratio: (C26-LF) 450 Typ.
 (C38-LF) 460 Typ.
Drive Level: 1uW Max
Insulation Resistance: 500M ohm Min, DC100V ± 15 V
Aging: <3ppm 1st/yr Max 25°C ± 3 °



Dimensions inches (mm)

All dimensions are Max unless otherwise specified.

Processing notes:

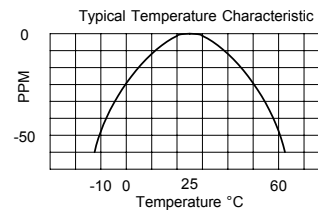
Hand soldering: Lead wire temperature not to exceed 270°C, 10 sec Max.

Solder-dip: Crystal package is recommended to be mounted in the up-right position. If mounted sideways caution must be taken to insure that heat is not transmitted over crystal package.

Reflow Oven: Not recommended.

Cleaning: Washable

Chart 1



Specifications subject to change without notice.

TD-060804 Rev. A

