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

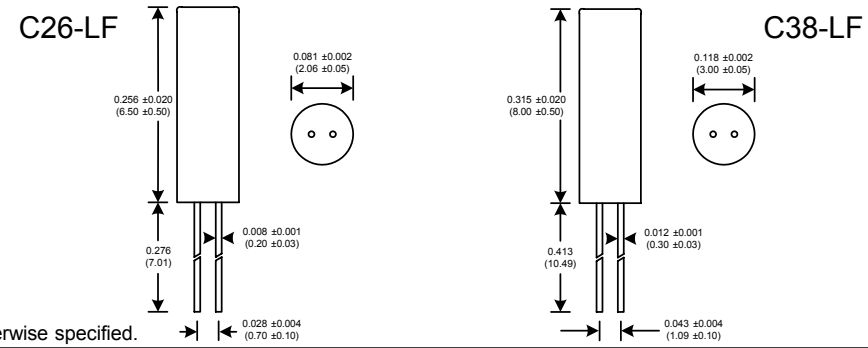
Tuning Fork Crystal



Frequency:	32.768KHz
Calibration Tolerance:	±20ppm @ 25°C
Turnover Temperature:	25°C ±5°C
Frequency vs Temp.:	-0.034 ±0.006ppm/°C^2 (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±15V
Aging:	<3ppm 1st/yr Max 25°C ±3°

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

Pb Free
RoHS Compliant



Dimensions inches (mm)
All dimensions are Max unless otherwise specified.

Processing notes:

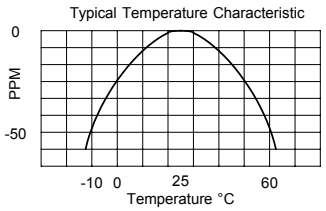
Hand soldering: Lead wire temperature not to exceed 270°C, 10 sec Max.

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