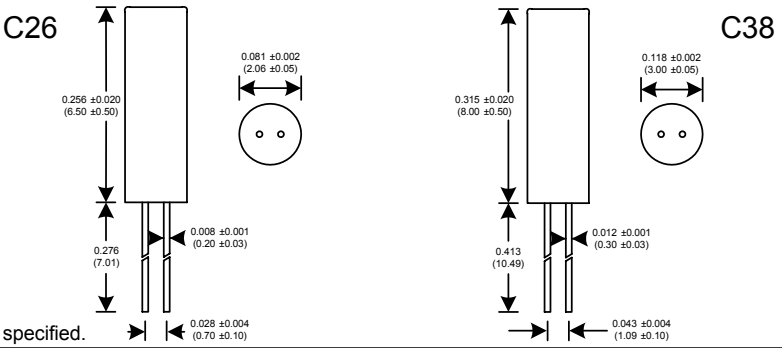
Tuning Fork Crystal

C26 & C38 Model
32.768KHz 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:	±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) 0.0030pF Typ. (C38) 0.0035pF Typ.
Shunt Capacitance:	(C26) 1.35pF Typ. (C38) 1.60pF Typ.
Capacitance Ratio:	(C26) 450 Typ. (C38) 460 Typ.
Drive Level:	1uW Max
Insulation Resistance:	500M ohm Min, DC100V±15V
Aging:	<3ppm 1st/yr Max 25°C ±3°



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

Processing notes:

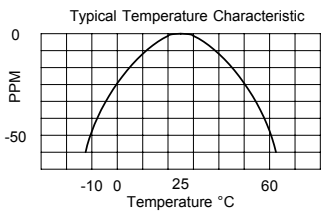
Hand soldering: Lead wire temperature not to exceed 270°C, 10 sec Max.

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-020818 Rev. B

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