

Watch Crystals 32.7680kHz

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Delivery Options

- Please refer to stock list or consult sales office

Holder Style

- Watch crystals are press sealed. Two sizes are available: 3.0 x 8.2mm & 2.0 x 6.2mm

General Specifications

- Load Capacitance: 6pF & 12.5pF
- Drive Level: 1.0µW max.
- Static Capacitance (C₀): 1.6pF typical

Standard Frequency Tolerance

- ±20ppm

Operating Temperature Ranges

- 0 to 50°C -20 to 70°C
-10 to 60°C -30 to 80°C

Storage Temperature Range

- -55 to 125°C

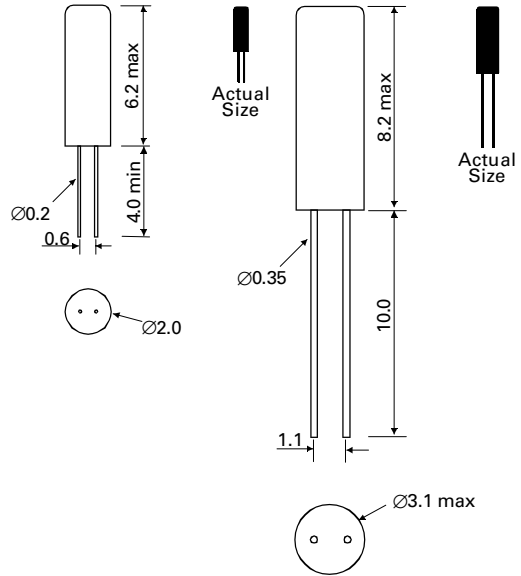
Marking

- No marking or frequency only

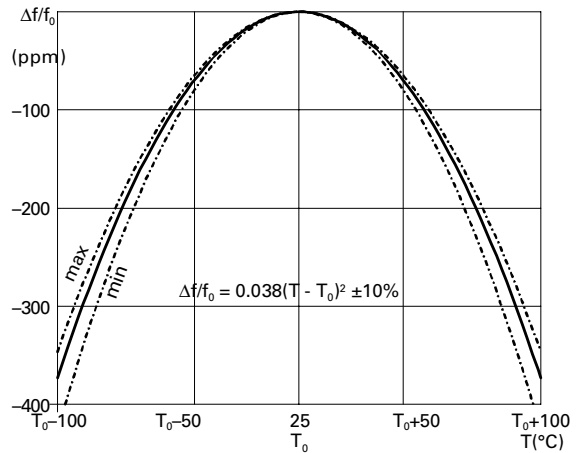
Minimum Order Information Required

- Frequency + Holder + Frequency Tolerance @ 25°C
+ Operating Temperature Range + Circuit Condition

Outline in mm



Frequency Temperature Curve



Electrical Specification – maximum limiting values

Frequency Range	Frequency Tolerance @ 25°C ±2°C	Operating Temperature Range	Frequency Stability Available Over Operating Temperature		ESR Max	Vibration Mode
			Minimum	Maximum		
32.7680kHz	±10ppm to ±100ppm	0 to 50°C	-25ppm	-100ppm	50kΩ	Fundamental
		-10 to 60°C	-50ppm	-100ppm		
		-20 to 70°C	-85ppm	-100ppm		
		-30 to 80°C	-150ppm	-300ppm		

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QUARTZ CRYSTALS