

## Tuning Fork Quartz Crystal

The tuning fork crystal provides the circuit designer with the ultimate in size, performance, and economic trade-offs. This highly reliable, stable, and accurate device is available in two micro-miniature sizes for time base applications operating from a 32.768KHz reference frequency.

- Very small, compact packaging
- Rugged, resistant to shock and vibration
- Low cost
- Ideal for time of watches and clocks

**WX38**  
**WX26**

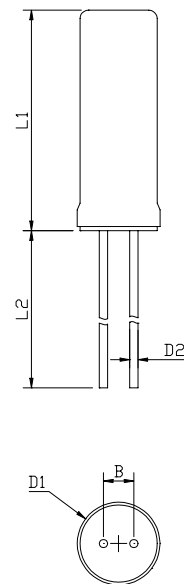
### Specifications:

<b>Frequency Range:</b>	30.000 ~ 100.000 KHz 32.768 KHz Standard
<b>Operating Temperature:</b>	-10°C ~ +60°C - C
<b>Storage Temperature:</b>	-30°C ~ +80°C
<b>Frequency Tolerance:</b> (at 25°C)	± 100 ppm ± 50 ppm Standard ± 30 ppm ± 20 ppm
<b>Temperature Coefficient:</b>	-0.04 ppm/°C
<b>Circuit Condition:</b>	8 pF ~ 32 pF or series 12.5 pF Standard
<b>Turnover Temperature:</b>	25 ± 5 °C
<b>Series Resistance:</b>	Maximum resistance corresponds to frequency. Please see R table.
<b>Drive Level:</b>	1.0 µW max
<b>Series Capacitance:</b>	4.0 fF max
<b>Parallel Capacitance:</b>	2.0 pF max
<b>Aging:</b>	± 3 ppm max per year
<b>Optional Features:</b>	Tape & Reel

Note:

1. Other frequencies, tolerances, stabilities, and operating temperature ranges available. Consult VTC Support for specific requirements.
2. Not all combinations of the above tolerances, stabilities, and temperature ranges are available. Consult VTC Support if your requirement is not standard.
3. All specifications subject to change without notice.

### WX Series



Model	L1	L2	D1	D2	B
WX38	8.0	10.0	Ø3.1	Ø0.3	0.8
WX26	6.0	7.0	Ø2.0	Ø0.24	0.65

All dimensions are in mm

### Ordering Information

Product name + Temperature Range + CL + Frequency Tolerance + Other Specification Code + Frequency.

i.e. WX38-C-12.5-50 32.768KHz