Tuning Fork Quartz Crystal

WX Series

RoHS Compliant

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
- Complies with Directive 2002/95/EC (RoHS Compliant)

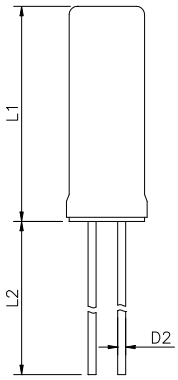
Specifications:

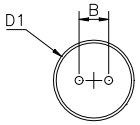
Frequency Range:	30.000 ~ 120.000 KHz	
	32.768 KHz Standard	
Operating Temperature:	0°C ~ +50°C	-A
	-10°C ~ +60°C	-B
	-20°C ~ +70°C	-C
	-40°C ~ +85°C	-L
Storage Temperature:	-30°C ~ +80°C	
Frequency Tolerance:	± 50 ppm	-50
(at 25°C)	± 30 ppm	-30
	± 20 ppm	-20
Temperature Coefficient:	-0.04 ppm/°C	
Circuit Condition:	8 pF ~ 32 pF or series	
	12.5 pF Standard	
Turnover Temperature:	25 ± 5 °C	
Series Resistance:	Maximum resistance corresponds to frequency. Please see R table.	
Drive Level:	1.0 μW max	
Series Capacitance:	4.0 fF max	
Parallel Capacitance:	2.0 pF max	
Aging:	± 3 ppm max per year	
Optional Features:	Tape & Reel	-T

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	∅3.1	∅0.3	0.8
WX26	6.0	7.0	∅2.0	∅0.24	0.65

All dimensions are in mm

Ordering Information

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

i.e. WX38-B-20-32.768KHz

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