

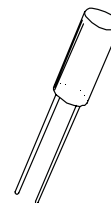


**Pletronics, Inc.**

19013 36th Ave. W, Suite H • Lynnwood, WA 98036 USA

Manufacturer of High Quality Frequency Control Products

# WX Watch Crystals



- 32.768 kHz Cylindrical Watch Crystals
- Available in 2 Sizes - WX: 3x8mm, WX26: 2x6mm, WX26 also available as -SMD with formed leads

**32.768 kHz**

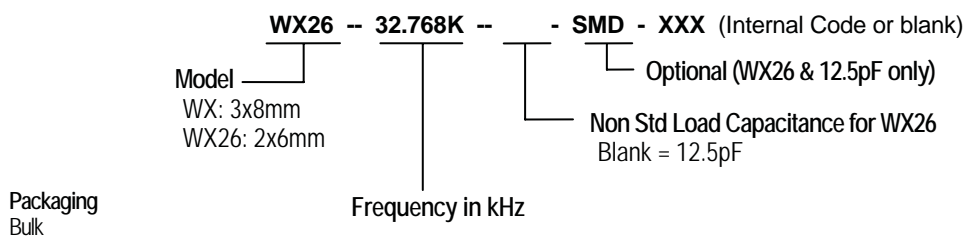
## Standard Specifications

Calibration Frequency Tolerance  $\pm 20$  PPM at 25°C for 12.5 pF,  $\pm 30$  PPM at 25°C for 6 pF  
Operating Temperature Range (OTR) -10 to +60°C for thru hole models, -40 to +85°C for WX26-32.768k-SMD  
Frequency Stability over OTR  
Calculate as: Frequency shift from 25°C to T°C in PPM =  $-0.038 \times (T - 25)^2 \pm 10\%$

Load Capacitance 12.5 pF standard  
Equivalent Series Resistance (ESR) 40 k $\Omega$  maximum  
Drive Level 1  $\mu$ W maximum  
Aging at 25°C for the 1st year  $\pm 3$  PPM maximum  
Shunt Capacitance 1.7pF maximum

## Part Numbering Guide

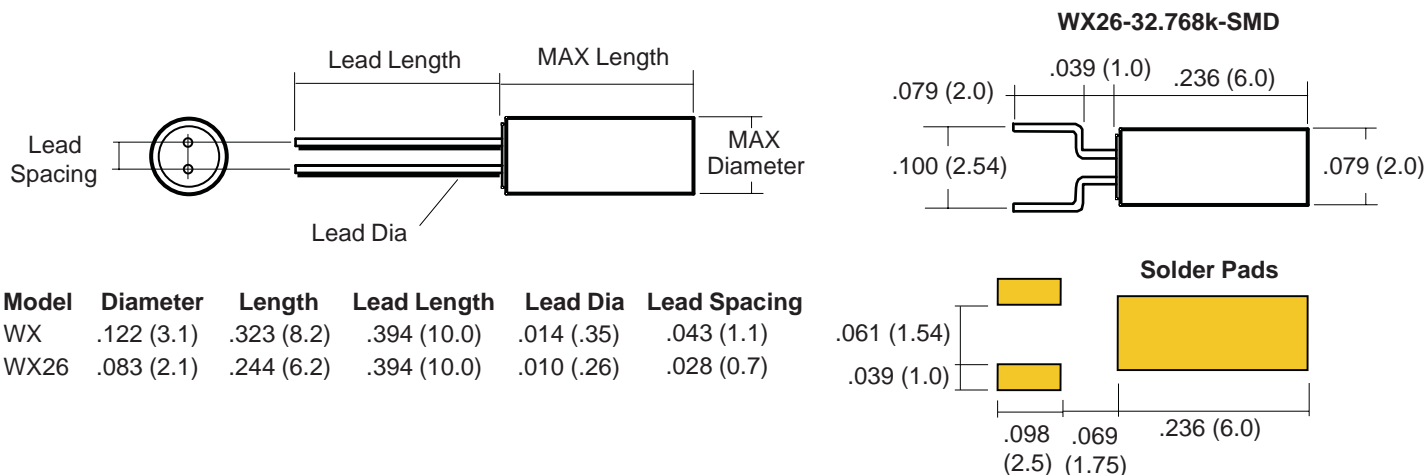
Portions of the part number that appear after the frequency may not be marked on part (C of C provided)



Consult factory for available specifications.  
A special part number may be assigned.

## Mechanical: inches (mm) not to scale

Due to part size and factory abilities, part marking may vary from lot to lot and may contain our part number or an internal code.



April 2011