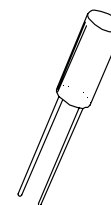




WX Watch Crystals



- 32.768 kHz Cylindrical Watch Crystals
- Available in 3 Sizes - WX: 3x8mm, WX26: 2x6mm, WX15: 1.5x5mm, WX26 also available as -SMD with formed leads

32.768 kHz

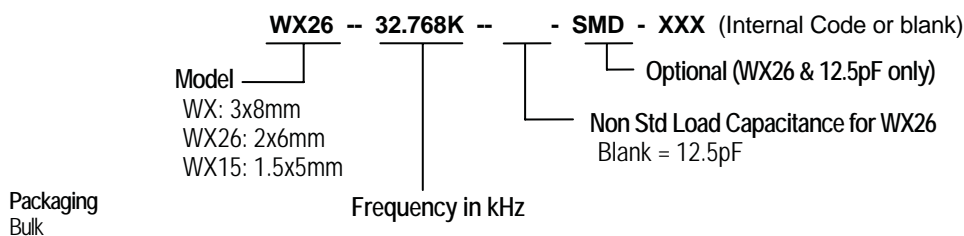
Standard Specifications

Calibration Frequency Tolerance ± 20 PPM at 25°C for 12.5 pF, ± 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, 8 pF available for WX15
 Equivalent Series Resistance (ESR) 40 kΩ maximum
 Drive Level 1μW maximum
 Aging at 25°C for the 1st year ± 3 PPM maximum
 Shunt Capacitance 1.7pF maximum

Part Numbering Guide

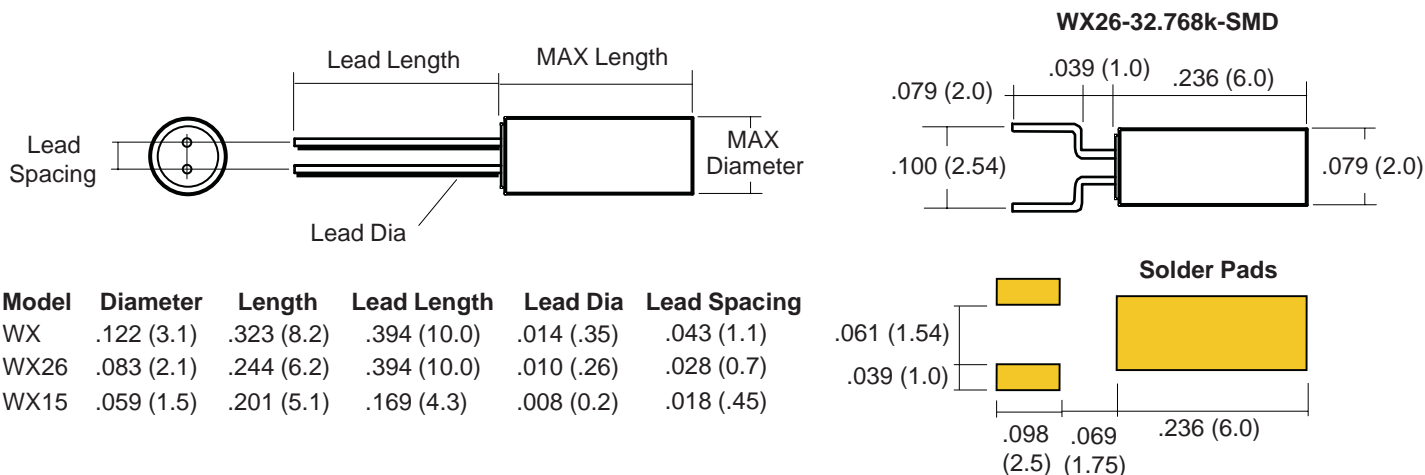
Portions of the part number that appear after the frequency may not be marked on part (C of C provided)



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.



Model	Diameter	Length	Lead Length	Lead Dia	Lead Spacing
WX	.122 (3.1)	.323 (8.2)	.394 (10.0)	.014 (.35)	.043 (1.1)
WX26	.083 (2.1)	.244 (6.2)	.394 (10.0)	.010 (.26)	.028 (0.7)
WX15	.059 (1.5)	.201 (5.1)	.169 (4.3)	.008 (0.2)	.018 (.45)

May 2007