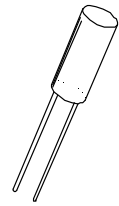




Pletronics, Inc.

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

WX Watch Crystals



- 32.768 kHz Cylindrical Watch Crystals
- Available in 3 Sizes - WX: 3x8mm, WX26: 2x6mm, WX15: 1.5x5mm

32.768 kHz

Standard Specifications

Calibration Frequency Tolerance ± 20 PPM at 25°C

Operating Temperature Range (OTR) -10 to +60°C

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 for WX and WX26, 8 pF standard for WX15, 6 pF available WX26 only

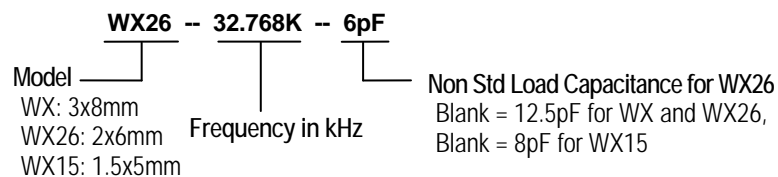
Equivalent Series Resistance (ESR) 40 μ W maximum

Drive Level 1mW maximum

Aging at 25°C for the 1st year ± 3 PPM maximum

Shunt Capacitance 1.7pF maximum

Part Numbering Guide

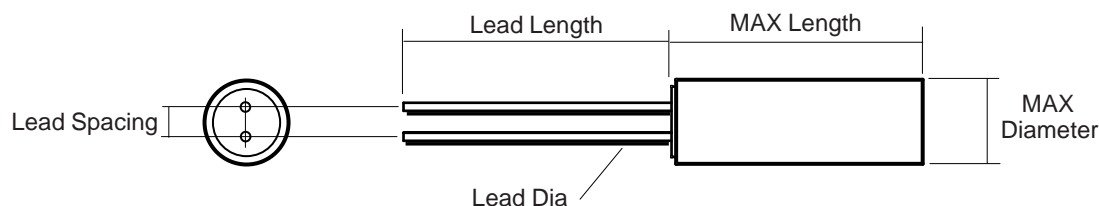


Packaging
Bulk

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 2002