

## Watch Crystal 1,6 x 1,0 mm

### Features

Compact design **1.6 x 1.0 x 0.50 mm** weight ~ 4.0 mg  
 Ceramic package and metal lid assures extreme accuracy and high reliability by electron beam sealing  
 Lead-free soldering is available

### Applications

Smart Cards, Small Portable Devices, Medical Telemetry, Handheld Devices, Mobile Phone, Wireless Products

### Specifications

ITEM	STANDARD SPECIFICATIONS
Nominal frequency (kHz)	32.768
Load capacitance (CL)	9.0, 12.5 pF
Frequency tolerance ( @25°C)	+/-10, +/-20, +/- 50, +/-100 ppm
Storage temp. range	-55°C to +125°C
Operating temperature range	-40°- +85°C
Turnover temp.	25°C +/-5°C
Parabolic coefficient	-0.03 +/-0.01 x 10 <sup>-6</sup>
Motional resistance	90 kOhm Max.
Motional capacitance	6.0 fF Typ.
Level of drive μW	0.5 max.

- Please consult us for customized specifications.
- All specifications and marking subjected to change without notice.

