

Crystal unit

kHz RANGE CRYSTAL UNIT



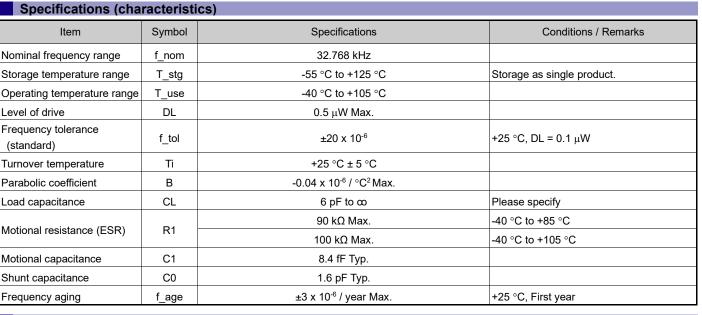
Product Number FC2012SN: X1A000201xxxx18

SEIKO EPSON CORPORATION

FC2012SN

- •Frequency range : 32.768 kHz
- •External dimensions : 2.05 x 1.2 x 0.6 mm
- Overtone order Applications
- : Fundamental : IoT Devices, Modules, etc.





Product name

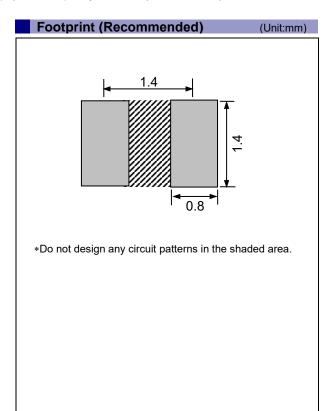
FC2012SN

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Product name (Standard form) $\frac{32.768000 \text{kHz}}{\text{b}} \quad \frac{12.5}{\text{c}} \quad \frac{+20.0-20.0}{\text{d}}$

b: Frequency c: Load capacitance (pF) d: Frequency tolerance (× 10⁻⁶, +25 °C) a: Model

External dimensions (Unit:mm) 2.05 ± 0.1 2 ± 0.1 Ħ 0.1 .6 Max Internal Connection 0.85 0.5 #2 #1



PROMOTION OF ENVIRONMENTAL MANAGEMENT SYSTEM CONFORMING TO INTERNATIONAL STANDARDS

At Seiko Epson, all environmental initiatives operate under the Plan-Do-Check-Action (PDCA) cycle designed to achieve continuous improvements. The environmental management system (EMS) operates under the ISO 14001 environmental management standard.

All of our major manufacturing and non-manufacturing sites, in Japan and overseas, completed the acquisition of ISO 14001 certification.

WORKING FOR HIGH QUALITY

In order provide high quality and reliable products and services than meet customer needs, Seiko Epson made early efforts towards obtaining ISO9000 series certification and has acquired ISO9001 for all business establishments in Japan and abroad. We have also acquired IATF 16949 certification that is requested strongly by major automotive manufacturers as standard.

Explanation of the mark that are using it for the catalog

ISO 14000 is an international standard for environmental management that was established by the International Standards Organization in 1996 against the background of growing concern regarding global warming, destruction of the ozone layer, and global deforestation.

IATF 16949 is the international standard that added the sector-specific supplemental requirements for automotive industry based on ISO9001.

Pb	► Pb free.
RoHS	 Complies with EU RoHS directive. *About the products without the Pb-free mark. Contains Pb in products exempted by EU RoHS directive. (Contains Pb in sealing glass, high melting temperature type solder or other.)
For Automotive	► Designed for automotive applications such as Car Multimedia, Body Electronics, Remote Keyless Entry etc.
Automotive Safety	► Designed for automotive applications related to driving safety (Engine Control Unit, Air Bag, ESC etc).

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Other applications requiring similar levels of reliability as the above

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